

*Maatalouden  
tutkimuskeskuksen  
julkaisuja*

S A R J A A

19

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**Virallisten  
lajikekokeiden tulokset  
1989–1996**

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# **Virallisten lajikekokeiden tulokset 1989–1996**

**Results of official variety trials 1989–1996**

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**Maatalouden tutkimuskeskus**

ISBN 951-729-484-0

ISSN 1238-9935

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Maatalouden tutkimuskeskus (MTT) 1997

*Julkaisija*

Maatalouden tutkimuskeskus (MTT), 31600 Jokioinen

*Jakelu ja myynti*

MTT, tietopalveluyksikkö, 31600 Jokioinen

Puh. (03) 41 881, telekopio (03) 418 8339

*Painatus*

Vammalan Kirjapaino Oy, 1997

Sisäsivujen painopaperille on myönnetty pohjoismainen joutsenmerkki.

Kansimateriaali on 75-prosenttisesti uusiokuitua.

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# 1 Virallinen lajikekoetointa

Virallisen lajikeoimikunnan tehtävänä on selvittää uusien peltokasvilajikkeiden viljelyarvo ennen niiden viljelyyn ottamista. Peltokasvien viralliset lajikekokeet järjestää Maatalouden tutkimuskeskus. Lajikekokeita on tärkeimmillä viljelykasveilla eri puolilla maata, vähintään kahden vuoden ajan ennen lajikkeen viljelyyn ottamista. Virallista lajikekoetointa johtaa Maatalouden tutkimuskeskuksen Länsi-Suomen tutkimusyksikkö.

Viralliset lajikekokeet ovat perusta peltokasvien lajikkeista annettavalle tiedolle. Uusien lajikkeiden viljelyarvo tutkitaan alustavissa ja virallisissa lajikekokeissa. Tavoitteena on selvittää lajikkeen viljelyvarmuus, satoisuus ja laatu perusteellisin tutkimuksin. Nykyisin virallinen lajikeoiminta on maksullista tilaustutkimusta. Kasvinjalostuslaitos tai lajikkeen omistaja ilmoittaa lajikkeen kokeisiin ja vastaa kokeiden kustannuksista. Lajike on virallisissa kokeissa vähintään kaksi vuotta tai kunnes se hyväksytään maa- ja metsätalousministeriön kasvilajikeluetteloon. Tämän jälkeen lajike on vielä kokeissa 2–3 vuotta neuvonnan tarpeita varten. Lajikkeen kokeilu virallisissa lajikekokeissa kestää yhteensä 4–6 vuotta.

Virallisia lajikekokeita järjestetään tärkeimmillä viljelykasveilla. Lajikekokeet tehdään kunkin lajikkeen viljelyyn soveltuvalla alueella. Esimerkiksi kevätvehnän lajikekokeita on vain Etelä-Suomessa. Ohran lajikekokeita on vastaavasti mallasohraa lukuunottamatta koko maassa. Lajikekokeet ovat käytännön viljelyä vastaavia kenttäkokeita. Virallisia lajikekokeita on ollut kaikkiaan 18 koepaikalla (Kuva 1). Virallisia lajikekokeita ovat suorittaneet MTT:n toimeksiannosta ja valvonnassa myös BOREAL Suomen Kasvinjalostus Oy, K-ryhmän opetus- ja koetila, Mildola Oy, Kemira Agro Oy ja Sokerijuurikkaan tutkimuskeskus. Koepaikkojen osalta on meneillään siirtymävaihe, jolloin monivuotiset kokeet saatetaan päätökseen nykyisillä koepaikoilla. Sen jälkeen jalostajat ja lajikkeiden maahantuojat eivät voi

osallistua virallisten lajikekokeiden järjestämiseen.

Maa- ja metsätalousministeriön kasvilajikeluetteloon otettavat lajikkeet päätetään virallisten lajikekokeiden tulosten perusteella. Kasvilajikeluettelossa pidettävistä lajikkeista päättää maa- ja metsätalousministeriön kasvilajikelautakunta. Kasvilajikeluettelo julkaistaan vuosittain. Nykyisin se on luettelo lajikkeista, joiden markkinointi on sallittua maasamme. Lajikkeiden vyöhyke- ja viljelysuositukset julkaistaan erikseen joko valtakunnallisina yhteenvedoina tai alueellisina tiedotteina.

## 2 Koetulosten tulkinta

Tässä vuosittain julkaistavassa virallisten lajikekokeiden tulostiedotteessa on esitetty tulokset vuosilta 1989–96. Lajikkeiden vertailun perustana on aina mittarilajike, johon muita lajikkeita verrataan. Tulokset osoittavat lajikkeen menestymisen parivertailuna mittarilajikkeeseen verrattuna. Mittarilajikkeiksi on valittu tärkeimpiä yleislajikkeita. Mittarilajikkeen tulokset ovat keskiarvo kaikista kokeista, joissa se on ollut mukana. Muiden lajikkeiden tulokset ovat poikkeamia mittarin tuloksista niissä kokeissa, joissa lajike on ollut samanaikaisesti mittarilajikkeen kanssa. Parivertailusta johtuen tulostaulukon lajikkeita ei voida verrata suoraan keskenään, koska tulokset eivät ole peräisin tarkalleen samoista kokeista.

Yhteenvedoissa on mukana satotulokset viljelyvyöhykkeen, maalajin ja koevuoden mukaan ryhmiteltyinä. Nurmikasvien satotulokset on lisäksi laskettu nurmen iän mukaan eriteltyinä. Koetulosten lukumäärä on ilmoitettu vain satotulosten osalta.

Ohran koemaiden maa-analyysi ja viljavuustiedot on esitetty maalajeittain (Taulukko 1). Lajikkeiden viihtyvyyttä ja happamuuden sietokykyä voi tarkastella maalajin mukaan ryhmitellyistä tuloksista. Ohran liejusaven kokeet ovat happamuudensietokokeita, joissa maan pH ja viljavuus on erityisen alhainen.

Seuraavassa esitetään tulostaulukoiden tulkintaan liittyviä yksityiskohtaisia ohjeita.

**Viljelyvyöhyke-sarake** osoittaa alueen, jolta tulokset on laskettu. Laskentaan ei ole otettu tuloksia mittarin viljelyaluetta pohjoisempaa.

**Kokeita** (kpl) ilmoittaa, kuinka monessa kokeessa lajike on ollut samanaikaisesti mittarin kanssa.

**Sato** (kg/ha) on lajikkeen keskimääräinen sato niistä kokeista, joissa se on ollut mittarin kanssa samanaikaisesti.

**Suhdeluku** (Sl) on lajikkeen keskimääräinen suhteellinen sato verrattuna mittarin satoon.

**Talvituho** (%) talvituhoon keskimääräinen osuus kasvustosta, 100=täysin tuhoutunut.

**Lako** (%) kasvuston keskimääräinen lakoutumisaste, 100=täysin lakoutunut.

**Kasvu-aika** (vrk) kylvöstä keltatuleentumiseen.

**Korkeus** (cm) kasvuston keskimääräinen korkeus.

**1000-jyvän paino** (g) sadon 1000-siemenen paino.

**Hehtolitrapaino** (kg) sadon tilavuuspaino.

**Valkuaispitoisuus** (%) sadon valkuaispitoisuus kuiva-aineesta.

**Kuori** (%) kauran kuoren osuus sadosta.

**Sakoluku 1** sakoluku normaalina viljankorjuuajkana.

**Sakoluku 2** sakoluku 1–3 viikon kuluttua normaalista korjuuajankohdasta.

**Valkuaissato** (kg/ha) valkuaisen määrä kuiva-aineesta.

**Öljypitoisuus** (%) sadon öljypitoisuus kuiva-aineesta.

**Öljysato** (kg/ha) öljysadon määrä kuiva-aine-sadosta.

**Lehtivihreäpitoisuus** (ppm) siementen öljyn lehtivihreäpitoisuus mg/kg.

**Keitto 60 min** (%) pehmenneiden herneiden osuus tunnin keittoajan jälkeen.

**Lentonoki** (kpl/10m<sup>2</sup>) nokitähkien keskimääräinen lukumäärä kasvustossa.

Kuitupellava

Kuitusato kg/ha. Pitkän kuidun määrä pelto-liotetun näytteen loukuttamisen ja lihtaamisen jälkeen.

**Kasvu-aika**, vrk. Aika vuorokausina kylvöstä seemensadon tuleentumiseen

**Tekninen tuleentuminen**, vrk. Aika vuorokausina kylvöstä tekniseen tuleentumiseen. Kasvusto on katsottu teknisesti tuleentuneeksi, kun se on vaalean keltaista ja varren alimista lehdistä noin 1/3 - puolet on varissut.

**Tekninen pituus** cm. Varren tekninen pituus on mitattu juuren yläpäästä alimpaan haaraan.

Peruna

**Tärkkelys** (%). Perunan tärkkelyspitoisuus ilmoitetaan EU:ssa käytössä olevalla asteikolla.

**Kauppakelpoinen sato** (%) on ulkoisen laadun arvostelussa luokkaan terveet sijoitettu kokoluokan 35–70 mm:n sato. Vaatimukset vastaavat ulkoisen laadun osalta lähinnä ruokaperuna-asetuksen erikoisluokan perunan laatuvaatimuksia.

**Myöhäisyys** (1–9) 9 = täysin tuleentunut. Myöhäisyys on kokeissa arvioitu kolmasti 15.8. alkaen 10 vuorokauden välein. Tässä tiedotteessa on esitetty ensimmäisen ja kolmannen havaintokerran tulokset.

Mukulan ominaisuuksia ja ulkonäköä kuvaavat ominaisuudet arvostellaan asteikolla 1–9 seuraavasti:

**Ulkonäkö kuorineen**, 9 = paras ulkonäkö, 1 = kuori pilalla.

**Mukulan pyöreys**, 9 = pyöreä mukula, 1 = litteä mukula.

**Mukulan litteys**, 9 = mukulan poikkileikkaus pyöreä, 1 = mukulan poikkileikkaus litteä.

**Mukulan sileys**, 9 = sileä mukula, 1 = hyvin syväsilmuinen ja/tai kyhmyinen mukula.

**Mukulamuodon säännöllisyys**, 9 = mukulamuo- to säännöllinen, vähiten vaihteleva, 1 = hyvin vaihteleva mukulamuo- to.

Ulkoisen laadun arviointi on uusittu kokonaan. Nyt määritetään eri tavalla voitto- neiden mukuloiden osuus painoprosentteina. Yksittäinen mukula luetaan kaikkien niiden vi- oitustyyppien ryhmään, joita siinä esiintyy.

Mukulat jaotellaan terveisiin (mukulat, jois- sa ei ole hylkäystä aiheuttavaa vikaa tai virhettä) ja seuraaviin vioitustyyppien mukaisiin luok- kiin:

**Rupi** (Yli 10 % mukulan pinnasta.)

**Mekularutto.**

**Muut sienimädät.**

**Bakteerimädät.**

**Mekaaniset pintaviat** (Kuori vahingoittunut ja vika ei poistu normaalissa kuorinnassa).

**Mekaaniset maltotviat** (Ehyen kuoren alla olevat mekaaniset vauriot, jotka eivät poistu normaalissa kuorinnassa).

**Nestejännityshalkeamat** (Vioitus ei poistu normaalissa kuorinnassa).

**Korkkiutuneet halkeamat** (Vioitus ei poistu normaalissa kuorinnassa).

**Ontot ja keskeltä ruskettuneet.**

**Epämuotoiset** (Lajikkeelle ominaisen muodon poikkeama, joka aiheuttaa vaikeuksia konekuorinnassa; korjaaminen leikkaamalla aiheuttaa yli 25 % tappion).

**Mallon värivirheet** (Mallon värimuutos, joka ei aiheudu mekaanisesta syystä. Tähän ryhmään luetaan myös maltokaariviruksen aiheuttamat vioitukset ja johtojänneviat).

**Vihertyneet.**

**Paleltuneet.**

**Muut viat** (Perunan kauppakelpoisuuteen vaikuttava vika, joka ei lukeudu mihinkään edellä mainittuun ryhmään).

Keittolaadun muuttujat arvostellaan asteikolla 1–9 seuraavasti:

**Ulkonäkö keitettynä.** 9 = erinomainen.

**Mallon väri keitettynä.** 9 = tumman keltainen, 7 = keltainen, 5 = vaalean keltainen, 3 = valkoinen, 1 = harmaan kirjava.

**Jauhoisuus.** 9 = suurin jauhoisuus.

**Maku.** 9 = paras maku.

**Tummuminen keitettynä.** 9 = pienin tummuminen.

**Raakatummuminen.** 9 = pienin raakatummuminen.

**Rikkikiehuminen.** 9 = pienin rikkikiehuminen.

**Tilastollinen merkitsevyys:**

parivertailu: mittarilajike - verrannelajike

\* = merkitsevä ero

\*\* = hyvin merkitsevä ero

\*\*\* = erittäin merkitsevä ero

**Taulukko 1.** Ohran koemaiden viljavuustulokset maalajin mukaan.

**Table 1.** Soil fertility of trial sites according to soil.

Maalaji -Soil	pH	Ca	K	P	Mg
		mg/l			
Karkeat kivennäismaat <i>Coarse mineral soils</i>	6,2	1384	163	15,0	122
Savimaat <i>Clay</i>	6,3	1833	213	18,2	305
Liejusavi <i>Gyttja clay</i>	5,0	728	213	15,2	101
Multamaat <i>Organic soils</i>	5,5	2512	176	8,6	272
Turvemaat <i>Peat soils</i>	5,2	2000	104	6,1	182



# 1 Plant variety board

The task of the Plant Variety Board is to determine the value of new field crop varieties before they are released. The official variety trials of field crops are arranged by the Agricultural Research Centre of Finland. Variety trials of the most important plants are conducted around Finland for more than two years before they are released. The official variety trial operations are organised by the Western-Finland Research Unit of the Agricultural Research Centre of Finland.

The official variety trials form a basis for the provision of information on the value of field crops. The value of new varieties is evaluated in preliminary and official variety trials. The aim is to determine the cultivation stability, yield potential and quality by thorough studies. Nowadays official variety trials are carried out to order and a charge is made. The Plant Breeding Institute or the owner of the variety enters the variety for the trials and covers the expenses related to the trials. The variety undergoes official trials for at least two years or until it is entered in the National List of Cultivars of the Ministry of Agriculture and Forestry of Finland. Thereafter the variety undergoes trials for another 2–3 years to collect information for growers. Altogether the testing of a variety in official variety trials lasts a total of 4 to 6 years.

Official variety trials are arranged for the most important cultivated crops. The variety trials take place in areas suitable for the cultivation of the crop in question. For instance, variety trials on spring wheat are conducted only in South-Finland, whereas variety trials on barley, except for malt barley, are arranged all over the country. The variety trials are field trials which simulate practical cultivation. Official variety trials have been conducted at a total of 18 trial sites (Fig. 1). In addition, official variety trials have been conducted by BOREAL Plant Breeding of Finland, the Educational and Experimental Farm of the K-Group, Mildola Oy, Kemira Agro Ltd and the Sugar Beet Research Centre of Finland to order and under supervision of the

Agricultural Research Centre of Finland. The trial sites are undergoing a transition period; trials lasting several years will be concluded at their current sites. Thereafter breeders and importers of varieties will no longer be able to participate in the arrangement of official variety trials.

Decisions on the inclusion of varieties in the National List of Cultivars of the Ministry of Agriculture and Forestry of Finland are based on the results of the official variety trials. The Plant Variety Board of the Ministry of Agriculture and Forestry of Finland decides which varieties are retained on the National List of Cultivars. The list is published annually. Nowadays it is a list of the varieties which are permitted to be marketed in Finland. The zone and cultivation recommendations are published separately either as national summaries or as a regional bulletin.

## 2 Evaluation of the trial results

In the annually published bulletin presenting the results of the official variety trials, the results from earlier years are also given for comparison. The results show the success of the variety measured in relation to a reference variety. Major commonly cultivated varieties are used as the reference varieties. The results for the reference varieties are a mean of all the trials the variety has been included in. The results for the other varieties are given as deviations from the results for the reference variety in those trials where the variety has been included at the same time as the reference variety. Because of this pair comparison, the varieties on the list cannot be compared directly with each other, since the results are not from exactly the same trials.

The summaries include also yields according to cultivation zone, soil and trial year. The yields of grasses have in addition been calculated according to the age of the lay. The number of trial results is given only for yields.

lay. The number of trial results is given only for yields.

Information concerning the soil analysis and fertility of the trial sites is given classified according to soil (Table 1). The adaptability of varieties and their resistance to acidity can be evaluated from the results classified according to the soil. The barley trials on gytja clay are trials of acidity resistance where the pH and the fertility of the soil are particularly low.

Detailed instructions on how to interpret the result tables are given in the following:

**The cultivation zone** column shows the area from which the results have been calculated. The calculations do not include results further north than the cultivation area of the reference. **Trials (no)** shows the number of trials the variety has been included in at the same time as the reference variety.

**Yield (kg/ha)** is the average yield of the variety from those trials it has been included in at the same time as the reference.

**Rel.** is the average relative yield of the variety compared with the yield of the control variety.

**Winter damage (%)** is the average proportion of winter damage of the stand, 100 = total loss.

**Lodging (%)** is the average degree of lodging in the stand, 100 = completely lodged.

**Growing time (days)** is the time from sowing to yellow ripening.

**Length (cm)** is the average length of the stand.

**1000-seed weight (g)** is the weight of 1000 seeds of the yield.

**Hectolitre weight (HL-weight, kg)** is a weight per 100 litres of the yield.

**Protein content (%)** is the protein content of dry matter of the yield.

**Husk (%)** is the proportion of oat husk of the yield.

**Falling number 1** is the falling number at the normal harvesting time for cereals.

**Falling number 2** is the falling number 1–3 weeks after the normal harvesting time.

**Protein yield (kg/ha)** is the amount of protein in the dry matter.

**Oil content (%)** is the oil content of the dry matter.

**Oil yield (kg/ha)** is the amount of the oil yield of the dry matter.

**Chlorophyll content (ppm)** is the chlorophyll content (mg/kg) in the seed oil.

**Cooking 60 min (%)** is the proportion of soft peas after one hour of cooking.

**Loose smut (pcs/10m<sup>2</sup>)** is the average number of smutted grains in the stand.

Flax

**Scutched fibre kg/ha.** The yield of long fibre kg/ha from dew-retted samples after baking and scutching.

**Growing time (days)** is the time from sowing to ripening of seed yield.

**Technical ripeness (days)** is the time from sowing to technical ripeness stage of straw yield. The straw is at the technical ripeness stage, when the straw is light yellow and the lowest leaves have fallen off.

**Technical length (cm)** is the distance between the root and the lowest branch.

Potato

**Starch (%)**. The starch content of potato is given on the scale used by the EC which gives slightly lower values than the scale used until 1994.

**Marketable yield (%)** is the yield classified in the external quality evaluation as healthy, size class 35–70 mm. In terms of external quality the requirements correspond mainly to those of the special class in the Finnish Potato Decree.

**Maturity (1–9)** 9 = completely ripe. In the trials, lateness was evaluated three times at intervals of three days starting 15 August. In this bulletin the results of the first and third observations are given.

The properties and tuber appearance are described on a scale of 1 to 9 as follows:

**Smoothness of skin.** 9 = best appearance, 1 = skin spoiled.

**Tuber shape.** 9 = round tuber, 1 = flat tuber.

**Flatness of tuber.** 9 = cross section of tuber round, 1 = cross section of tuber flat.

**Shallowness of eyes.** 9 = smooth tuber, 1 = very deep eyes and/or knobby tuber.

**Uniformity of tuber shape.** 9 = tuber shape regular, least variable, 1 = tuber shape very variable.

The evaluation of external appearance is based on proportion of tubers damaged in different ways. The damages are evaluated as a percentage of the weight. Each individual tuber is included in all the damage groups it represents.

The tubers are divided into healthy tubers (tubers which have no injuries or defects causing rejection) and into the following groups according to type of damage:

**Common scab.** (Over 10% of the tuber surface).

**Tuber blight.**

**Other fungal disease.**

**Bacterial disease.**

**Mechanical damage.** (Skin damaged and the injury is not removed by normal peeling).

**Internal bruising.** (Internal bruising which is not removed by normal peeling).

**Harvest crack.** (Injury which is not removed by normal peeling).

**Growth crack.** (Injury which is not removed by normal peeling).

**Hollow heart.** Hollow and dark heart.

**Deformations.** (Deviation from the form typical of the variety which causes difficulties

in mechanical peeling; correction by cutting causes a loss of over 25%).

**Discoloration.** (Discoloration of flesh which is not due to a mechanical reason. Injuries caused by mop top virus are also included in this group).

**Sun greening.**

**Frost damage.**

**Other defects** (A defect affecting the marketability of the potato not included in any of the above mentioned groups).

Variables describing the quality after cooking are evaluated on a scale of 1 to 9 as follows:

**Skin cooked.** 9 = excellent.

**Colour of flesh.** 9 = dark yellow, 7 = yellow, 5 = light yellow, 3 = white, 1 = variegated grey.

**Mealiness.** 9 = highest mealiness.

**Flavour.** 9 = best taste.

**Discoloration cooked.** 9 = least discoloured.

**Discoloration fresh.** 9 = least discoloured.

**Sloughing.** 9 = least sloughed.

**Statistical significance:**

Paired comparison: control variety vs. variety under test

\* = significant difference

\*\* = very significant difference

\*\*\* = highly significant difference

## Tutkijat

Aulis Järvi

Virallisten lajikekokeiden johtaja;  
timotei, nurminata, koiranheinä, englanninrai-  
heinä, italianraiheinä, puna-apila, puna-nata,  
niittyurmikka, röllit

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# Viralliset lajikekokeet, koepaikat ja vyöhykkeet

## Official variety trials, experimental places and zones

1. Kasvintuotannon tutkimuslaitos, Kasvinviljelyn tutkimusala  
Institute of Crop and Soil Science, Crop Science Section  
JOKIOINEN

2. Puutarhatuotannon tutkimuslaitos  
Institute of Horticulture  
PIIKKIÖ

3. Lounais-Suomen tutkimusasema  
Southwest Finland Research Station  
MIETOINEN

4. Satakunnan tutkimusasema  
Satakunta Research Station  
KOKEMÄKI

5. Hämeen tutkimusasema  
Häme Research Station  
PÄLKÄNE

6. Ekologisen tuotannon tutkimusasema  
Research Station for Ecological Farming  
MIKKELI

7. Etelä-Pohjanmaan tutkimusasema  
South Ostrobothnia Research Station  
YLISTARO

8. Laukaan tutkimus- ja valiotaimiasema  
Laukaa Research and Elite Plant Station  
LAUKAA

9. Pohjois-Savon tutkimusasema  
North Savo Research Station  
MAANINKA

10. Karjalan tutkimusasema  
Karelia Research Station  
TOHMAJÄRVI

11. Pohjois-Pohjanmaan tutkimusasema  
North Ostrobothnia Research Station  
RUUKKI

12. Kainuun tutkimusasema  
Kainuu Research Station  
SOTKAMO

13. Lapin tutkimusasema  
Lapland Research Station  
ROVANIEMI mlk

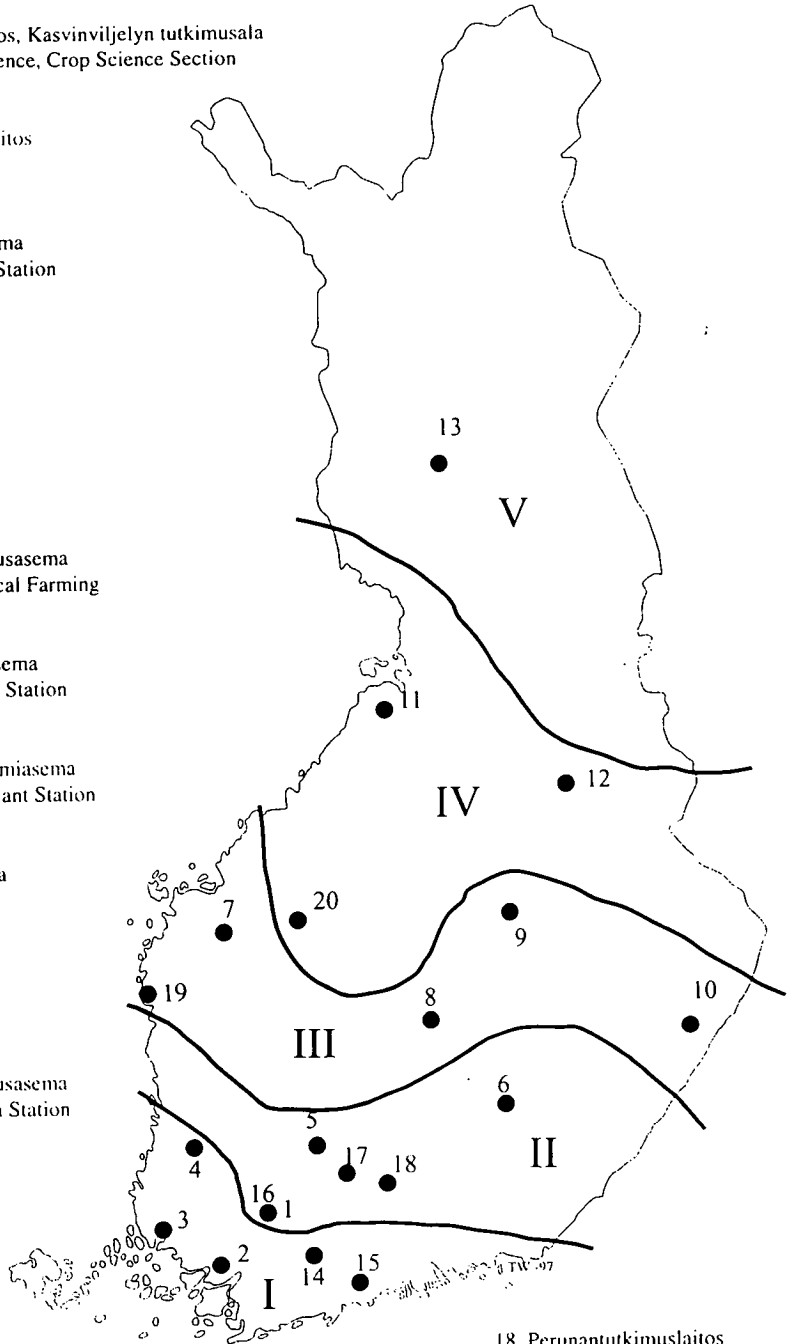
14. Kemira Agro Oy, Kotkaniemen koetila  
Kemira Agro Oy, Kotkaniemi Research Farm  
VIHTI

15. Mildola Oy, Anttilan koetila  
Mildola Oy, Anttila Research Farm  
TUUSULA

16. Boreal, Suomen Kasvinjalostus  
Boreal, Finnish Plant Breeding  
JOKIOINEN

17. Hahkiala, K-ryhmän opetus- ja koetila  
Hahkiala, Training and Research Farm  
HAUHO

18. Perunantutkimuslaitos  
Potato Research Institute  
HAUHO,  
19. KRISTIINANKAUPUNKI ja/and  
20. VIMPELI



Koepaikat 1996 - Trial sites 1996	JOKIINEN	PIIKKIO	METONEN	KOKEMÄKI	PÄLKÄNE	MIKKELI	YLISTARO	LAUKAA	MAAINKA	TOHMAJÄRVI	RUUKKI	SOTKAMO	ROVANIEMI	VIHTI	TUUSULA	HAUHO	LAMMI	KRISTIINANKAUPUNKI	VIMPELI
Syysruis, Winter rye	x		x	x	x		x	x		x					x				
Syysvehnä, Winter wheat	x		x	x	x										x				
Kevätvehnä, Spring wheat	x		x		x										x				
Ohra, Barley	x		x		x	x	x	x	x		x	x			x				
Kaura, Oats	x		x		x	x	x	x	x		x				x				
Herne, Pea	x				x									x	x				
Härkäpapu, Broad bean			x											x	x				
Kevättrypsi, Spring turnip rape	x		x		x		x	x						x	x				
Kevättrapsi, Spring rape	x		x											x					
Öljypellava, Linseed	x		x		x		x												
Kuitupellava, Flax	x				x		x				x								
Varhaisperuna, Early potato		x					x										x		
Ruokaperuna, Potato for human cons.					x		x		x		x		x				x		
Tärkkelysperuna, Starch potato							x										x		
Timotei, Timothy	x				x		x		x	x	x	x				x			
Nurminata, Meadow fescue	x				x		x		x	x	x	x				x			
Italianraiheinä, Italian rye-grass							x												
Puna-apila, Red clover	x				x			x	x		x	x							
Valko-apila, White clover					x				x		x	x							
Punanata, Red fescue	x				x			x	x										
Niittyurmikka, Kentucky bluegrass	x				x			x											
Röllit, Bentgrasses	x																		

Syysruis, 1989-1996, Viralliset kokeet  
 Winter rye, *Secale cereale* L., 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha	Talvi- tuho-%	Lako- %	Kasvu- aika pv	Tjpp g	Korren pituus	Hlp kg	Hi weight kg	Valk- %	Sako- luku 1	Sako- luku 3
Variety	Cultivation zone	Yield kg/ha	Winter damage %	Lodging- %	Growing time d	1000 seed weight g	Length cm	HI weight kg	Prot.- %	Falling number 1	Falling number 3	
	=C											
VOIMA	1-3	73	12	59	349	29.1	151	71.9	11.3	147	102	
AKUSTI	1-3	61	6	-21***	1**	-2	-13***	1.5***	-4.4***	-6*	15	
AMILO	1-3	49	17***	-31***	3***	7.1***	-21***	3.0***	-9.9***	36***	40***	
ANNA	1-2	44	2	-9***	1***	2.5***	-2	-4*	-3.3**	-13*	-14*	
ENSI	1-3	12	-2	6	-1	-2.9***	-1	-1.8*	2.0***	-3	-40	
HJAN JUSSI	1-3	60	-2	-7***	0	-3.2***	-3**	-7.7***	.6***	0	-6	
KARTANO	1-2	40	3	-15***	0	.0	-5*	-6**	.0	-9***	-7*	
PONSI	1-1	6	5	-3	1*	-3	-12**	-3	-7*	23**	27*	
SAMPO	1-3	33	-3	10**	-1***	-2.1***	6***	.5*	.6***	16***	1	
MÄRDER	1-2	18	27**	-39***	2***	5.2***	-37***	3.0***	-1.7***	10	23	
BOR 8242	1-3	18	0	-10	1**	3.0***	-5**	.3	-6***	-16**	-19	
BOR 8802	1-3	16	27*	-6*	1	3.7***	-5**	.4	-5.5**	-23**	-10	
LPH 27	1-3	15	43**	-40***	3***	8.1***	-38***	3.6***	-2.0***	26*	22	



Syysruis, 1989-1996, Viralliset kokeet: Luokittelu maalajeittain .  
 Winter rye, Secale cereale L., 1989-1996, Official variety trials: Classification according to soil types

Lajike Variety	Karkeat kiv.maat kpl kg/ha sl		Savimaat kpl kg/ha sl		Eloperäiset maat kpl kg/ha sl	
	Coarse mineral soils trials kg/ha rel.	Clay trials kg/ha rel.	Clay trials kg/ha rel.	Organic soils trials kg/ha rel.	Organic soils trials kg/ha rel.	Organic soils trials kg/ha rel.
	=C					
VOIMA	16 3896 100	57 4100 100	0 0	0 0	0 0	0 0
AKUSTI	14 4206 103	47 4339 106***	0 0	0 0	0 0	0 0
AMILO	7 3998 107	42 4576 116***	0 0	0 0	0 0	0 0
ANNA	13 4167 106	49 4265 106***	0 0	0 0	0 0	0 0
ENSI	2 3100 82	10 2794 76**	0 0	0 0	0 0	0 0
HJAN JUSSI	15 3631 93	45 3728 92***	0 0	0 0	0 0	0 0
KARTANO	10 4246 108*	46 4168 102	0 0	0 0	0 0	0 0
PONSI	3 4198 105	5 4741 103	0 0	0 0	0 0	0 0
SAMPO	6 3640 97	27 4102 96	0 0	0 0	0 0	0 0
BOR 8242	3 3717 101	15 4331 109***	0 0	0 0	0 0	0 0
BOR 8802	3 3006 82	13 4302 107**	0 0	0 0	0 0	0 0
LPH 27	2 3797 138	13 5416 134*	0 0	0 0	0 0	0 0

Syysruis, 1989-1996, Viralliset kokeet: Luokittelu yöhykkeittäin  
 Winter rye, Secale cereale L., 1989-1996, Official variety trials: Classification according to zones

Lajike	Etelä-Suomi		Länsi-Suomi		Sisä-Suomi	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Southern Finland		Western Finland		Inner Finland	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
VOIMA	24	4195 100	26	4082 100	23	3881 100
AKUSTI	22	4524 108**	19	4142 104	20	4229 103
AMTILLO	17	4722 118**	19	4766 120**	13	3796 103
ANNA	23	4325 103	23	4171 106**	16	4235 110*
ENSI	2	2555 65	8	2794 75*	2	3340 100
HJAN JUSSI	20	3887 92**	21	3651 93***	19	3568 92*
KARTANO	22	4251 101	23	4083 102	11	4251 108*
PONSI	5	5088 107	1	3180 89	2	3840 99
SAMPO	10	4426 97	14	3915 96	9	3724 97
MARDEER	8	5255 126*	8	5407 129*	4	5433 127
BOR 8242	4	4393 108	8	4280 109*	6	4052 106
BOR 8802	4	4273 105	6	4343 107*	6	3632 95
LPH 27	4	5208 128	6	6817 169***	5	3255 94

Syysruis, 1992-1996, Viralliset kokeet: Luokittelu vuosittain  
 Winter rye, *Secale cereale* L., 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
=C	10	3632 100	7	3403 100	7	4569 100	9	4311 100	8	3756 100
VOIMA	9	3851 107	0	0	7	4777 105	8	4458 107*	8	3112 83
AKUSTI	10	3550 98	7	3664 108	6	5103 117	6	5492 122**	7	4520 129
AMILLO	10	3996 110**	5	4049 100	5	4206 101	3	3607 115	8	3919 104
ANNA	1	3530 89	1	3130 87	0	0	0	0	6	2622 75*
ENSI										
HJAN JUSSI	10	3596 99	7	2997 88*	7	4024 88*	2	2762 104	2	3352 80
KARTANO	10	3679 101	5	4269 106	4	4122 101	3	4430 103	3	3613 100
PONSI	0	0	0	0	2	4280 93	1	3180 89	0	0
SAMPO	7	4171 107	0	0	0	0	0	0	0	0
MARDER	1	7900 158	3	5316 122	4	4319 99	6	5867 129**	6	5117 146*
BOR 8242	0	0	0	0	0	0	8	4544 109**	8	3863 103
BOR 8802	0	0	0	0	0	0	8	4585 110**	8	3532 94
LPH 27	0	0	0	0	0	0	8	5909 142**	7	4390 125

Syysruis. 1989-1996, Viralliset kokeet  
Winter rye, *Secale cereale* L., 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Vijely- vyöhyke	Sato kg/ha	Talvi- tuho-%	Lako- %	Kasvu- aika pv	Tjip g	Korren pituus	Hjp kg	Valk.- %	Sako- luku 1	Sako- luku 3
Variety	Cultivation zone	Yield kg/ha	Winter damage %	Lodging- %	Growing time d	1000 seed weight g	Length cm	HI weight kg	Prot.- %	Falling number 1	Falling number 3
AKUSTI	1-3	61	17	36	350	28.8	139	73.9	10.8	151	126
VOIMA	1-3	61	-6	21***	-1**	.2	13***	-1.5***	.4***	6*	-15
AMILO	1-3	40	8	-9***	2***	7.2***	-10***	1.0***	-.6**	39***	25
ANNA	1-2	37	-5	13***	0	2.3***	12***	-2.2***	.0	-7	-32**
ENSI	1-3	10	-23	29*	-1	-4.3**	11*	-4.3***	2.4***	0	-32
HJAN JUSSI	1-3	49	-2	12***	-1*	-2.5***	10***	-2.4***	1.1***	2	-18
KARTANO	1-2	33	3	5*	-1	.4	9***	-2.3***	.5***	-2	-24*
PONSI	1-1	6	4	15**	1	-.2	2	-1.8**	-.3	33*	18
SAVPO	1-3	29	-1	31***	-2***	-1.6***	22***	-1.2***	1.1***	19**	3
MARDER	1-2	15	10	-11**	0	4.0***	-27***	1.4**	-1.4**	9*	2
BOR 8242	1-3	17	-25*	18***	0	1.7**	7**	-1.3*	-.3	-3	-45
BOR 8802	1-3	16	0	17**	0	2.4***	7**	-1.1**	-.2	-8	-36
LPH 27	1-3	15	20*	-15**	2**	6.6***	-28***	1.7*	-1.6***	39**	-4

Syysruis, 1989-1996, Viralliset kokeet: Luokittelu maalaajeittain  
 Winter rye, Secale cereale L., 1989-1996, Official variety trials: Classification according to soil types

Lajike	Karkeat kiv.maat		Savimaat		Eloperäiset maat	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Coarse mineral soils		Clay		Organic soils	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
	=C					
AKUSTI	14	4206 100	47	4339 100	0	0
VOJMA	14	4101 97	47	4100 94***	0	0
AMILO	6	4465 103	34	4598 110**	0	0
ANNA	12	4275 103	41	4259 101	0	0
ENSI	2	3100 81	8	2660 73*	0	0
HJAN JUSSI	13	3822 90	36	3765 86***	0	0
KARTANO	9	4342 94	38	4144 96*	0	0
PONSI	3	4198 85*	5	4741 97	0	0
SAMPO	5	3702 84	24	4072 91***	0	0
MARDER	3	6563 138*	13	4958 119*	0	0
BOR 8242	3	3717 146	14	4326 106*	0	0
BOR 8802	3	3006 118	13	4302 106*	0	0
LPH 27	2	3797 123	13	5416 133**	0	0

Syysruis, 1989-1996, Viralliset kokeet: Luokittelu vyöhykkeittäin  
 Winter rye, *Secale cereale* L., 1989-1996, Official variety trials: Classification according to zones

Lajike Variety	Etelä-Suomi kpl kg/ha sl		Länsi-Suomi kpl kg/ha sl		Sisä-Suomi kpl kg/ha sl	
	Southern Finland trials kg/ha rel.		Western Finland trials kg/ha rel.		Inner Finland trials kg/ha rel.	
AKUSTI	22 4524	100	19 4142	100	20 4229	100
VOIMA	22 4197	93**	19 3975	96	20 4113	97
AMILO	15 4669	112*	14 4753	115*	11 4231	98
ANNA	21 4345	96	17 4106	103	15 4326	110
ENSI	2 2555	70	6 2615	67**	2 3340	105
HJAN JUSSI	18 3946	85***	15 3552	89***	16 3809	88
KARTANO	20 4226	92**	17 4038	100	10 4338	96
PONSI	5 5088	96	1 3180	90	2 3840	84
SAMPO	10 4426	91*	11 3800	91*	8 3774	86*
MÄRDER	6 4983	116	6 5420	134	4 5433	120
BOR 8242	4 4393	109	7 4263	102	6 4052	125
BOR 8802	4 4273	106*	6 4343	104	6 3632	112
LPH 27	4 5208	129	6 6817	164***	5 3255	91

Syysruis, 1992-1996, Viralliset kokeet: Luokittelu vuosittain  
 Winter rye, *Secale cereale* L., 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
=C	9	3851 100	0	0	7	4777 100	8	4458 100	8	3112 100
AKUSTI	9	3594 93	0	0	7	4569 96	8	4165 93*	8	3756 121
VOIMA	9	3507 91	0	0	6	5103 108	6	5492 115*	7	4520 135*
AMILO	9	3945 102	0	0	5	4206 96	3	3607 102	8	3919 126
ANNA	0	0	0	0	0	0	0	0	6	2622 78
ENSI										
HJAN JUSSI	9	3537 92	0	0	7	4024 84*	2	2762 93	2	3352 161
KARTANO	9	3621 94	0	0	4	4122 95	3	4430 99	3	3613 102
PONSI	0	0	0	0	2	4280 90	1	3180 90	0	0
SAMPO	6	4113 106	0	0	0	0	0	0	0	0
MARDER	1	7900 131	0	0	4	4319 93	5	5654 121*	6	5117 152*
BOR 8242	0	0	0	0	0	0	8	4544 102	8	3863 124
BOR 8802	0	0	0	0	0	0	8	4585 103	8	3532 114*
LPH 27	0	0	0	0	0	0	8	5909 133*	7	4390 131

Syysvehnä, 1989-1996, Viralliset kokeet  
 Winter wheat, *Triticum aestivum* L., 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke kpl	Sato kg/ha sl	Talvi- tuho-%	Lako- %	Kasvu- aika pv	Pituus cm	Tjpp g	Hlp kg	Valk.- %	Sako- luku 1	Sako- luku 3	Falling number	
												Length cm	1000 seed weight g
=C	1-2	46	12	38	342	100	42.3	79.8	11.6	296	218		
	1-2	18	5*	-19**	5**	-9***	4.0***	-1.0	-9**	-53**	31		
	1-2	43	-1	-1	0	4***	-1.1**	.2	.1	5	12		
	1-1	32	2	0	-2***	1	1.9***	-1.2***	.8***	6	-51*		
	1-2	36	-1	-13***	-2***	-1	2.0***	.5***	.5***	24*	6		
HJAN ILVES	1-1	16	1	22**	-5***	2	-3.7***	-.3	.9***	42	0		
	1-2	26	1	-23***	6***	-5***	3.0***	1.8***	.2	-52*	8		
	1-2	3	-5	-12	4	-2	2.3	-3.1	-1.9	-91*	7		
	1-1	2	0	-19	5	-8	.5	.5	-2.4	-111*	50		
	1-2	9	1	-26	7***	-14***	2.3*	-.6	-.9*	-61***	66		
RAMIRO	1-2	5	3	-11	-4**	-12**	15.3**	1.3**	.7	12	14		
	1-2	9	1	-21	4***	-7**	9.5***	-3.6***	-1.6***	-282***	-206		
	1-2	5	2	-10	2*	-1	3.1	-2.6**	-.6	-239***	-236*		
	1-2	12	-1	-13*	2***	0	-1.4	.6	.0	-2	22		
	1-2	9	5	-10	3***	6***	-.6	-.5	-.3**	-57***	-20		
JO 6472	1-2	13	3	-4	3***	4***	.9	-.2	.5**	-70***	-76		



Syysvehnä, 1989-1996, Viralliset kokeet: Luokittelu maalaajeittain  
 Winter wheat, *Triticum aestivum* L., 1989-1996, Official variety trials: Classification according to soil types

Lajike	Karkeat kiv.maat kpl kg/ha	Savimaat kpl kg/ha	Liejusavi kpl kg/ha	Eloperäiset maat kpl kg/ha
Variety	Course mineral soils trials kg/ha	Clay trials kg/ha	Gytjia-clay trials kg/ha	Organic soils trials kg/ha
AURA	6 5480 100	40 5125 100	0 0	0 0
TRYGGVE	2 5980 110	16 5518 110**	0 0	0 0
OTSO	6 5767 105	37 5069 100	0 0	0 0
PITKO	5 5556 103	35 4797 96*	0 0	0 0
HJAN ILVES	4 5323 97	32 4763 96	0 0	0 0
VAKKA -71	3 5150 96	20 4483 91*	0 0	0 0
TJELVAR	2 5595 102	24 5392 111**	0 0	0 0
FOLKE	1 5200 103	2 6020 121	0 0	0 0
KOSACK	1 5240 103	4 5730 123	0 0	0 0
GUNBO	1 6620 113	8 6245 119*	0 0	0 0
RAMIRO	1 6350 109	4 6285 113	0 0	0 0
ULRIKA TRIC.	1 6190 106	8 6630 126*	0 0	0 0
PREGO TRIC.	1 6990 120	4 7025 126**	0 0	0 0
BOR 5456	1 5790 99	11 5265 102	0 0	0 0
BOR 8488	1 5680 97	8 5243 100	0 0	0 0
JO 6472	1 5790 99	12 5213 101	0 0	0 0

Syysvehnä, 1989-1996, Viralliset kokeet: Luokittelu vyöhykkeittäin  
 Winter wheat, *Triticum aestivum* L., 1989-1996, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1		Vyöhyke 2	
	kg/ha	sl	kg/ha	sl
	Zone 1 trials	kg/ha rel.	Zone 2 trials	kg/ha rel.
AURA	35	5054 100	11	5546 100
TRYGGVE	13	5157 112**	5	6641 106
OTSO	33	5115 101	10	5338 100
PITKO	32	4917 98	8	4792 94
HJAN ILVES	28	4826 96	8	4823 94
VAKKA -71	16	4503 91*	7	4724 94
TJELVAR	22	5353 112***	4	5710 105
FOLKE	2	5585 107	1	6070 134
KOSACK	2	5300 101	3	5853 132*
GUNBO	6	5765 124*	3	7330 109
RAMIRO	3	6377 122	2	6180 100
ULRIKA TRIC.	6	6213 134*	3	7317 109
PREGO TRIC.	3	6807 130**	2	7335 119**
BOR 5456	6	4538 98	6	6078 105
BOR 8488	6	4663 101	3	6547 98**
JO 6472	9	4804 103	4	6277 98

Syysvehnä, 1992-1996, Viralliset kokeet: Luokittelu vuosittain  
 Winter wheat, *Triticum aestivum* L., 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kg/ha	sl	kg/ha	sl	kg/ha	sl	kg/ha	sl	kg/ha	sl
Variety	Year 1992	rel.	Year 1993	rel.	Year 1994	rel.	Year 1995	rel.	Year 1996	rel.
	trials	kg/ha	trials	kg/ha	trials	kg/ha	trials	kg/ha	trials	kg/ha
AURA	6	3988	5	4759	4	4933	4	4953	5	5620
TRYGGVE	0	0	5	4963	4	5309	4	5443	5	6486
OTSO	6	4058	5	4847	4	4775	1	2560	5	5638
PITKO	6	4076	5	4697	4	4183	2	3590	1	5630
HJAN ILVES	6	3909	3	3148	3	5032	1	2480	1	4880
VÄKKA -71	1	4400	1	750	2	4431	1	1910	1	3810
TJELVAR	6	4863	5	4597	4	4742	1	2690	1	6310
FOLKE	0	0	2	5585	0	0	0	0	0	0
KOSACK	0	0	2	5300	0	0	0	0	0	0
GUNBO	0	0	0	0	0	0	4	5960	5	6548
RAMIRO	0	0	0	0	0	0	0	0	5	6298
ULRIKA TRIC.	0	0	0	0	0	0	4	6580	5	6582
PREGO TRIC.	0	0	0	0	0	0	0	0	5	7018
BOR 5456	0	0	1	6480	0	0	4	4950	5	5514
BOR 8488	0	0	0	0	0	0	4	5053	5	5482
JO 6472	0	0	0	0	4	4957	4	4845	5	5828

Syysvehnä, 1989-1996, Viralliset kokeet  
 Winter wheat, *Triticum aestivum* L., 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Vijely- vyöhyke	Sato kg/ha	Talvi- tuho-%	Lako- %	Kasvu- aika pv	Pituus cm	Tjp g	Hip kg	Valk.- %	Sako- luku 1	Sako- luku 3
Variety	Cultivation zone	Yield kg/ha	Winter damage %	Lodging- %	Growing time d	Length cm	1000 seed weight g	HI weight kg	Prot.- %	Falling number 1	Falling number 3
	=C										
TRYGGVE	1-5	18 5570	13	16	348	89	46.4	80.1	10.8	282	265
AURA	1-2	18 5080	-5*	19**	-5***	9***	-4.0***	1.0	.9**	53**	-31
OTISO	1-2	15 4939	-7*	8*	-4***	14***	-4.9***	1.2	.6**	47*	0
PITKO	1-1	10 4307	0	16	-7***	7**	-3.0*	-.3	1.7***	63**	-80
HJAN ILVES	1-2	8 3988	-6	7	-5***	2	-4.6**	1.1	1.9*	24	-69
VAKKA -71	1-1	4 2648	1	40	-10**	10	-7.9*	-2.5	2.0	43	-89
TJELVAR	1-2	11 4632	1	-3	1	1	-3.3**	1.9**	.8***	-34*	-56
FOLKE	1-2	2 5585	0	-3	1	7	-4.3	-1.2	.0	15	-119
KOSACK	1-1	2 5300	0	-6	1	1	-5.9	3.2	-.4	-15	-76
GUNBO	1-2	9 6287	-4*	-2	2*	-5**	-.4	.1	.1	-11	-1
RAMIRO	1-5	5 6298	-4	1	-8***	-1	12.5***	1.7*	1.4**	67***	34**
ULRIKA TRIC.	1-5	9 6581	-5	3	-1	1	6.8***	-2.9***	-.7**	-232***	-267**
PREGO TRIC.	1-2	5 7018	-5	2	-3	10**	.3	-2.2	.1	-184***	-216*
BOR 5456	1-2	10 5385	-7*	14	-3**	9***	-4.6***	1.1	.8**	53*	-45
BOR 8488	1-2	9 5291	-1	14	-3**	14***	-3.3***	.2	.7*	-7	-86
JO 6472	1-2	13 5258	-2	13	-2**	13***	-2.2**	.5	1.3***	-26*	-88**

Syysvehnä, 1989-1996, Viralliset kokeet: Luokittelu maalaajeittain  
 Winter wheat, *Triticum aestivum* L., 1989-1996, Official variety trials: Classification according to soil types

Lajike	Kärkeat kiv.maat		Savimaat		Liejusavi		Eloperäiset maat	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Coarse mineral soils		Clay		Gytija-clay		Organic soils	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
TRYGGVE	2	5980 100	16	5518 100	0	0	0	0
AURA	2	5455 91	16	5033 91**	0	0	0	0
OTSO	2	5500 92	13	4853 92*	0	0	0	0
PITKO	1	5550 107	11	4316 85**	0	0	0	0
HJAN ILVES	0	0	8	3988 84	0	0	0	0
VAKKA -71	0	0	5	3066 72	0	0	0	0
TJELVAR	1	4740 91	10	4621 93*	0	0	0	0
FOLKE	1	5200 100	1	5970 102	0	0	0	0
KOSACK	1	5240 101	1	5360 91	0	0	0	0
GUNBO	1	6620 98	8	6245 105	0	0	0	0
RAMIRO	1	6350 94	4	6285 98	0	0	0	0
ULRIKA TRIC.	1	6190 92	8	6630 112	0	0	0	0
PREGO TRIC.	1	6990 103	4	7025 109**	0	0	0	0
BOR 5456	1	5790 86	9	5340 90*	0	0	0	0
BOR 8488	1	5680 84	8	5243 88*	0	0	0	0
JO 6472	1	5790 86	12	5213 91**	0	0	0	0

Syysvehnä, 1989-1996, Viralliset kokeet: Luokittelu vyöhykkeittäin  
 Winter wheat, *Triticum aestivum* L., 1989-1996, Official variety trials: Classification according to zones

Lajike Variety	Vyöhyke 1 kpl kg/ha sl trials kg/ha rel.		Vyöhyke 2 kpl kg/ha sl trials kg/ha rel.	
	Zone 1	Zone 2	Zone 1	Zone 2
TRYGGVE	13 5157 100	5 6641 100		
AURA	13 4617 90**	5 6282 95		
OTSO	11 4637 92*	4 5770 92		
PITKO	10 4307 87*	2 4977 87		
HJAN ILVES	6 3746 85	2 4714 82		
VAKKA -71	4 2648 68	1 4741 86		
TJELVAR	9 4589 95	2 4829 84		
FOLKE	2 5585 101	0 0		
KOSACK	2 5300 96	0 0		
GUNBO	6 5765 107**	3 7330 101		
RAMIRO	3 6377 101	2 6180 91		
ULRIKA TRIC.	6 6213 115	3 7317 101		
PREGO TRIC.	3 6807 108*	2 7335 108		
BOR 5456	6 4538 84*	4 6655 96		
BOR 8488	6 4663 86*	3 6547 90		
JO 6472	9 4804 90**	4 6277 92		

Syysvehnä, 1992-1996, Viralliset kokeet: Luokittelu vuosittain  
 Winter wheat, *Triticum aestivum* L., 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year
	kg/ha	kg/ha	kg/ha	kg/ha	kg/ha	kg/ha	kg/ha	kg/ha	kg/ha	kg/ha
	rel.	rel.	rel.	rel.	rel.	rel.	rel.	rel.	rel.	rel.
	trials	trials	trials	trials	trials	trials	trials	trials	trials	trials
TRYGGVE	0	0	5 4963	100	4 5309	100	4 5443	100	5 6486	100
AURA	0	0	5 4759	96	4 4933	93	4 4953	91	5 5620	87**
OTSO	0	0	5 4847	98	4 4775	90*	1 2560	115	5 5638	87*
PITKO	0	0	5 4697	95	4 4183	79**	2 3590	88	1 5630	83
HJAN ILVES	0	0	3 3148	69	3 5032	100	1 2480	112	1 4880	72
VAKKA -71	0	0	1 750	36	2 4431	88	1 1910	86	1 3810	56
TJELVAR	0	0	5 4597	93*	4 4742	89	1 2690	121	1 6310	93
FOLKE	0	0	2 5585	101	0	0	0	0	0	0
KOSACK	0	0	2 5300	96	0	0	0	0	0	0
GUNBO	0	0	0	0	0	0	4 5960	110*	5 6548	101
RAMIRO	0	0	0	0	0	0	0	0	5 6298	97
ULRIKA TRIC.	0	0	0	0	0	0	4 6580	121	5 6582	101
PREGO TRIC.	0	0	0	0	0	0	0	0	5 7018	108**
BOR 5456	0	0	1 6480	110	0	0	4 4950	91	5 5514	85*
BOR 8488	0	0	0	0	0	0	4 5053	93	5 5482	85**
JO 6472	0	0	0	0	4 4957	93***	4 4845	89	5 5828	90*

Kevätvehnä, 1989-1996, Viralliset kokeet  
Spring wheat, *Triticum aestivum* L., 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Vijely- vyöhyke	Sato kg/ha sl	Lako- %	Kasvu- aika pv	Pituus cm	Tjip g	Hlp kg	Valk- %	Sako- luku 1	Sako- luku 3	Falling number						
											Lodging- %	Growing time d	Length cm	1000 seed weight g	HI weight kg	Prot.- %	1
Väriety	Cultivation zone	Yield kg/ha rel.															
	=C																
RENO	1-2	57	4334	100	22	105	87	38.1	80.5	13.4	307	307	256				
TJALVE	1-2	55	4982	115***	-14***	1**	-13***	2.4***	-5*	-1	-37***	-37***	-50*				
BASTIAN	1-2	56	4483	103*	-18***	-1**	-18***	-3.7***	-1	.1	17*	17*	-4				
DRAGON	1-2	29	4797	111**	-9*	3**	-5***	.0	-8	-5**	-84***	-84***	-19				
HETA	1-2	57	3877	89***	-8***	-3***	-1*	-8**	.0	1.9***	-17**	-17**	-101***				
KADETT	1-2	37	4144	98	4	2***	3***	.7	-1.2***	-.7***	-70***	-70***	-23				
LIJJA	1-2	43	4056	96*	-14***	-3***	-3***	-1.6***	-1.0**	.6	-59***	-59***	-69**				
MAHTI	1-2	42	5093	115***	-10**	0	-4***	.9*	-1.4***	-.9***	-46***	-46***	18				
MANU	1-2	56	4357	100	-10***	-2***	2**	-.2	1.4***	1.1***	-5	-5	-40*				
POLKKA	1-2	43	4633	108***	-13***	-1*	-4***	-.8**	.2	.3	-21**	-21**	-83**				
RUNAR	1-2	37	4144	97*	-4	-1**	1	2.4***	1.4***	-.2	-39***	-39***	-56*				
RUSO	1-2	31	3741	91***	0	-1	7***	2.9***	-1.2***	.2	-70***	-70***	-71*				
SAITU	1-2	57	4608	106***	-9***	-1***	-3***	.8**	1.4***	5***	-79***	-79***	-67*				
HJA 24201	1-2	24	5324	118***	-12**	1	0	7.5***	-1.3**	-.3**	-80***	-80***	-94				
HJA 24724	1-2	24	4993	110***	-14**	-1*	-9***	-.8	.5	-.5**	-51***	-51***	-93				
BOR 24918	1-2	5	5270	121*	0	0	-6	-.4	2.8***	-.5**	-8	-8	-1				
BOR 24919	1-2	10	5547	119***	-7	0	-2	1.8*	2.8***	-.7***	-29	-29	-30				
SW 31258	1-2	20	4954	109	-11*	1*	-14***	.6	-.3	-.2	-60***	-60***	-46				
SW 32470	1-2	5	6206	142***	0	1	-7**	3.4**	.2	-1.0**	-57	-57	-24				
SW 33129	1-2	5	5828	133**	0	2*	-9**	.7	-.7	-.4	-44	-44	-15				



Kevätvehnä, 1989-1996, Viralliset kokeet: Luokittelu maalajeittain  
 Spring wheat, *Triticum aestivum* L., 1989-1996, Official variety trials: Classification according to soil types

Lajike	Kärkeat kiv.maat		Savimaat		Liejusavi		Eloperäiset maat	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Course mineral soils		Clay		Gyttja-clay		Organic soils	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
RENO	13	4435 100	37	4402 100	6	3750 100	1	4050 100
TJALVE	13	5142 116***	35	5083 116***	6	4132 110	1	4470 110
BASTIAN	13	4548 103	36	4590 104**	6	3763 100	1	4100 101
DRAGON	8	4715 100	18	4974 118***	3	3957 99	0	0
HETA	13	3803 86**	37	4017 91***	6	3117 83	1	4220 104
KADEIT	8	4128 95	23	4374 102	5	3210 86	1	3650 90
LUJJA	9	3982 94	28	4142 96	5	3714 100	1	4030 100
MAHTI	10	5041 114**	26	5384 117***	5	3772 102	1	4670 115
MANU	13	4311 97	36	4441 101	6	3958 106	1	4340 107
FOLKKA	11	4720 107*	27	4740 109**	4	3655 99	1	4670 115
RUNAR	9	4158 98	23	4269 97*	4	3508 95	1	3690 91
RUSO	9	3883 92	19	3757 92**	2	2880 87	1	3900 96
SATU	13	4546 103	37	4756 108***	6	3725 99	1	5210 129
HJA 24201	4	4865 114	18	5499 118***	2	4670 121	0	0
HJA 24724	4	4585 107	18	5192 112***	2	4025 104	0	0
BOR 24918	0	0	4	5273 118	1	5260 135	0	0
BOR 24919	1	4930 111	8	5644 118***	1	5390 138	0	0
SW 31258	3	3400 84	15	5452 116***	2	3550 92	0	0
SW 32470	0	0	4	6200 138**	1	6230 159	0	0
SW 33129	0	0	4	5855 131*	1	5720 146	0	0

Kevätvehnä, 1989-1996, Viralliset kokeet: Luokittelu vyöhykkeittäin  
 Spring wheat, *Triticum aestivum* L., 1989-1996, Official variety trials: Classification according to zones

Lajike Variety	Vyöhyke 1		Vyöhyke 2	
	kpl	kg/ha sl	kpl	kg/ha sl
	Zone 1 trials	kg/ha rel.	Zone 2 trials	kg/ha rel.
RENO	37	4227 100	20	4533 100
TUJALVE	36	4944 117***	19	5054 113***
BASTIAN	36	4327 102	20	4764 105*
DRAGON	20	4669 108	9	5082 116*
HEITA	37	3783 89***	20	4052 89**
KADETT	26	4012 98	11	4455 99
LJUJA	26	3997 97	17	4146 94
MAHTI	27	4972 114***	15	5312 118***
MANU	36	4292 101	20	4474 99
POLKKA	26	4331 107**	17	5095 109*
RUNAR	24	3880 96	13	4632 97*
RUSO	21	3696 94*	10	3837 87***
SATU	37	4477 106*	20	4849 107*
HJA 24201	15	5320 119***	9	5332 116**
HJA 24724	15	4926 110***	9	5105 111
BOR 24918	3	5433 123	2	5025 118
BOR 24919	6	5648 121**	4	5395 117
SW 31258	14	4801 107	6	5311 115**
SW 32470	3	6350 143*	2	5990 140
SW 33129	3	5817 131	2	5845 137

Kevätvehnä, 1992-1996, Viralliset kokeet: Luokittelu vuosittain  
Spring wheat, *Triticum aestivum* L., 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Year 1992	Year 1993	Year 1994	Year 1995	Year 1996	Year 1992	Year 1993	Year 1994	Year 1995	Year 1996
	kg/ha rel.	kg/ha rel.	kg/ha rel.	kg/ha rel.	kg/ha rel.	trials	trials	trials	trials	trials
=C										
RENO	8 3876 100	8 4222 100	6 4704 100	5 4944 100	5 4366 100					
TUVALVE	8 4091 106	8 4967 118*	6 5210 111	5 5292 107	4 5298 119*					
BASTIAN	8 3951 102	8 4334 103	6 4623 98	5 5492 111*	4 5118 114*					
DRAGON	8 4575 118**	8 4634 110	1 2510 66	1 7010 114	0 0					
HETA	8 3295 85***	8 3883 92	6 3947 84**	5 4700 95	5 4458 102					
KADETT	6 3988 102	3 3887 98	1 3120 82	2 5040 103	0 0					
LUUJA	6 3337 94*	4 4428 110	4 3797 90	3 5193 97	1 4700 124					
MAHTI	8 4388 113***	1 6270 115	6 4849 103	5 5866 119***	4 6308 141***					
MANU	8 3492 90	8 4463 106	6 4656 99	5 5050 102	4 4853 109					
POLKKA	7 4253 102	3 5170 131	3 4586 106	3 5030 105	2 5390 126					
RUNAR	5 3728 95*	2 3645 96	3 4298 99	1 6290 100	1 4500 95					
RUSO	4 3310 100	2 3205 99	1 3830 104	1 4420 100	0 0					
SATU	8 3674 95*	8 4525 107	6 4759 101	5 5384 109**	5 5452 125**					
HJA 24201	0 0	8 5139 122**	6 5080 108*	5 5748 116**	5 5492 126**					
HJA 24724	0 0	8 4974 118*	6 5138 109*	5 5322 108	5 4522 104					
BOR 24918	0 0	0 0	0 0	0 0	5 5270 121*					
BOR 24919	0 0	0 0	0 0	5 5726 116**	5 5368 123*					
SW 31258	2 3668 116	2 3595 76	6 4868 103	5 5470 111**	5 5600 128**					
SW 32470	0 0	0 0	0 0	0 0	5 6206 142***					
SW 33129	0 0	0 0	0 0	0 0	5 5828 133**					

Kevätvehnä, 1989-1996, Viralliset kokeet  
Spring wheat, *Triticum aestivum* L., 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viijely- vyöhyke	Sato kg/ha	Sato kg/ha sl	Lako- %	Kasvu- aika pv	Pituus cm	Tjpp g	Hlp kg	Valk- %	Sako- luku 1	Sako- luku 3	Variety	Cultivation zone		
													Yield kg/ha	rel.	Yield kg
TJALVE	1-2	59	4949	100	105	73	40.5	80.0	13.5	276	207	=C			
RENO	1-2	55	4324	87***	-1**	13***	-2.4***	.5*	.1	37***	50*				
BASTIAN	1-2	59	4406	89***	-2***	-5***	-6.2***	.3	.1	55***	46*				
DRAGON	1-2	28	4765	97	2	10***	-2.0***	-.1	-.4*	-40***	-20				
HETA	1-2	56	3847	77***	-4***	12***	-3.3***	.4	2.0***	19**	-51*				
KADETT	1-2	40	4098	84***	2***	16***	-1.4***	-.3	-.7***	-28**	11				
LUJA	1-2	42	4048	83***	-4***	10***	-3.8***	-.3	.6	-17	-38				
MAHTI	1-2	43	5087	101	-1**	10***	-1.2**	-1.0***	-.9***	-10	64*				
MÄNU	1-2	59	4299	87***	-3***	15***	-2.6***	1.9***	1.1***	32***	10				
POLKKA	1-2	43	4640	92***	-2***	9***	-3.3***	.8**	.3	20**	-28				
RUNAR	1-2	36	4109	83***	-2***	14***	.0	2.2***	-.3	2	-17				
RUSO	1-2	34	3705	79***	-2***	18***	.5	-.5	.1	-31***	-11				
SATU	1-2	58	4544	92***	-2***	10***	-1.7***	1.9***	.6***	-43***	-17				
HJA 24201	1-2	23	5347	104	-1	15***	4.7***	-1.6***	-.1	-55***	-43				
HJA 24724	1-2	23	5014	97	-3***	6***	-3.4***	.2	-.3	-25*	-42				
BOR 24918	1-2	4	5530	104	0	10**	-3.0	2.1**	-.8*	8	32				
BOR 24919	1-2	9	5673	107*	-1	13***	-.6	2.0***	-.7*	-6	47				
SW 31258	1-2	19	4963	98	0	0	-2.0**	-.5	.0	-42***	-1				
SW 32470	1-2	4	6460	122**	1	8**	.8	-.1	-1.3**	-48	9				
SW 33129	1-2	4	6125	116**	2	6*	-1.9	-1.5*	-.8*	-32*	18				

Kevätvehnä, 1989-1996, Viralliset kokeet: Luokiteltu maalaajeittain  
 Spring wheat, *Triticum aestivum* L., 1989-1996, Official variety trials: Classification according to soil types

Lajike	Karkeat kiv.maat		Savimaat		Liejusavi		Eloperäiset maat	
	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha
Variety	Coarse mineral soils		Clay		Gytija-clay		Organic soils	
	trials	kg/ha	trials	kg/ha	trials	kg/ha	trials	kg/ha
	rel.		rel.		rel.		rel.	
	=C							
TJALVE	16	5143	36	5011	6	4132	1	4470
RENO	13	4435	35	4388	6	3750	1	4050
BASTIAN	16	4478	36	4490	6	3763	1	4100
DRAGON	8	4715	17	4930	3	3957	0	0
HETA	14	3778	35	3988	6	3117	1	4220
KADETT	11	4253	23	4237	5	3210	1	3650
LUUJA	9	3982	27	4132	5	3714	1	4030
MAHTI	11	5022	26	5384	5	3772	1	4670
MANU	16	4312	36	4349	6	3958	1	4340
POLKKA	12	4839	26	4699	4	3655	1	4670
RUNAR	9	4158	22	4217	4	3508	1	3690
RUSO	12	3958	19	3621	2	2880	1	3900
SAIU	15	4564	36	4654	6	3725	1	5210
HJA 24201	4	4865	17	5540	2	4670	0	0
HJA 24724	4	4585	17	5232	2	4025	0	0
BOR 24918	0	0	3	5620	1	5260	0	0
BOR 24919	1	4930	7	5820	1	5390	0	0
SW 31258	3	3400	14	5499	2	3550	0	0
SW 32470	0	0	3	6537	1	6230	0	0
SW 33129	0	0	3	6260	1	5720	0	0

Kevätvehnä, 1989-1996, Viralliset kokeet: Luokittelu vyöhykkeittäin  
 Spring wheat, *Triticum aestivum* L., 1989-1996, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1		Vyöhyke 2	
	kpl	kg/ha sl	kpl	kg/ha sl
	Zone 1 trials	kg/ha rel.	Zone 2 trials	kg/ha rel.
TJALVE	39	4859 100	20	5124 100
RENO	36	4235 86***	19	4491 89***
BASTIAN	39	4243 87***	20	4724 92**
DRAGON	20	4669 94	8	5003 103
HEITA	37	3765 76***	19	4006 79***
KADETT	29	3955 84***	11	4476 86**
LIUJA	26	3997 83***	16	4130 83***
MAHTI	28	4966 99	15	5312 106*
MANU	39	4206 87***	20	4481 87***
POLKKA	26	4331 90***	17	5114 96
RUNAR	24	3880 80***	12	4568 87***
RUSO	24	3621 78***	10	3906 79***
SAIU	38	4374 90***	20	4868 95*
HJA 24201	14	5357 106*	9	5332 101
HJA 24724	14	4956 98	9	5105 97
BOR 24918	2	6035 110*	2	5025 98
BOR 24919	5	5896 108	4	5395 106
SW 31258	13	4802 96	6	5311 102
SW 32470	2	6930 126*	2	5990 117
SW 33129	2	6405 117	2	5845 114

Kevätvehnä, 1992-1996, Viralliset kokeet: Luokiteltu vuosittain  
 Spring wheat, *Triticum aestivum* L., 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
=C										
TJALVE	8	4091 100	8	4967 100	6	5210 100	5	5292 100	4	5298 100
RENO	8	3876 95	8	4222 85*	6	4704 90	5	4944 93	4	4470 84*
BASTIAN	8	3951 97	8	4334 87***	6	4623 89	5	5492 104	4	5118 97
DRAGON	8	4575 112*	8	4634 93	1	2510 75	1	7010 104	0	0
HEITA	8	3295 81***	8	3883 78**	6	3947 76***	5	4700 89	4	4540 86*
KADETT	6	3988 95	3	3887 77	1	3120 94	2	5040 94	0	0
LJUJA	6	3337 87***	4	4428 92	4	3797 83	3	5193 92	1	4700 94
MAHTI	8	4388 107*	1	6270 101	6	4849 93	5	5866 111*	4	6308 119**
MÄNU	8	3492 85***	8	4463 90*	6	4656 89*	5	5050 95	4	4853 92
POLJKA	7	4253 97	3	5170 102	3	4586 91	3	5030 97	2	5390 105*
RUNAR	5	3728 89**	2	3645 83	3	4298 86	1	6290 100	1	4500 86
RUSO	4	3310 92*	2	3205 95	1	3830 90	1	4420 83	0	0
SATU	8	3674 90**	8	4525 91	6	4759 91*	5	5384 102	4	5595 106
HUJA 24201	0	0	8	5139 103	6	5080 97	5	5748 109	4	5665 107
HUJA 24724	0	0	8	4974 100	6	5138 99	5	5322 101	4	4525 85**
BOR 24918	0	0	0	0	0	0	0	0	4	5530 104
BOR 24919	0	0	0	0	0	0	5	5726 108	4	5608 106
SW 31258	2	3668 104	2	3595 72	6	4868 93	5	5470 103	4	5803 110
SW 32470	0	0	0	0	0	0	0	0	4	6460 122**
SW 33129	0	0	0	0	0	0	0	0	4	6125 116**

Ohra, 1989-1996, Viralliset kokeet  
Barley, *Hordeum vulgare* L., 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha	Lako- %	Kasvu- aika pv	Pituus cm	Tjip g	Hlp kg	Valk.- %	Lentonoki kpl/10 m <sup>2</sup>
Variety	Cultivation zone	Yield kg/ha	Lodging- %	Growing time d	Length cm	1000-grain weight g	Hl weight kg	Prot.- %	Loose smut pcs/10 m <sup>2</sup>
ARVE	1-4	120	18	88	80	40.0	64.2	11.8	1
POHTO	1-4	5107	15***	4***	-7***	-2.7***	.2	-5.5**	1
KUSTAA	1-3	120	-2	9***	-8***	6.1***	5.1***	.1	1
KYMPPI	1-3	80	0	9***	-4***	5.6***	3.5***	.1	20
ARRA	1-4	75	21***	-1***	8***	-.8***	.9***	1.3***	6
ARTURI	1-4	112	6***	-1***	-2**	-1.5***	-.2	.7***	17**
BOINIA	1-4	4926	16***	5***	1	.1	-1.3***	-1.2***	1
FILIPPA	1-3	80	8	8***	-5***	12.9***	5.3***	1.0***	92*
HJAN POKKO	1-3	52	14**	6***	5***	-1.5***	-.3	-.4	3
INARI	1-3	44	-1	10***	-9***	13.5***	4.7***	-.1	6*
KINNAN	1-3	49	-1	8***	-10***	10.7***	3.4***	.2*	0
LOVLISA	1-4	5631	15***	1***	6***	2.1***	1.6***	-.5**	12*
METTE	1-3	74	3	8***	-5***	9.9***	4.0***	.7***	6
PRISMA	1-3	54	-3	11***	-12***	11.8***	3.1***	.1	0
ROLFI (= JO 1632)	1-4	32	-1	-1***	-7***	-1.2**	-1.1***	.2*	1
SAANA	1-3	70	-9*	7***	-14***	10.5***	4.0***	.0	3
THULE	1-4	5472	-3	6***	-1	-1.5***	.2	.0	11
TYRA	1-3	66	-9**	8***	-10***	7.5***	5.3***	.4***	2
VIIVI	1-3	68	-9*	9***	-1	8.8***	3.7***	.9***	0
MAUD	1-4	49	6	11**	-16*	10.0	6.3***	.2	0

jatkuu



Ohra, 1989-1996, Viralliset kokeet  
Barley, *Hordeum vulgare* L., 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha	Lako- %	Kasvu- aika pv	Pituus cm	Tjp g	Hlp kg	Valk.- %	Lentonoki kpl/10 m <sup>2</sup>
Variety	Cultivation zone	Yield kg/ha	Lodging- %	Growing- time d	Length cm	1000-grain weight g	HI weight kg	Prot.- %	Loose smut pcs/10 m <sup>2</sup>
jatkoa									
ARVE	1-4	5107	18	88	80	40.0	64.2	11.8	1
MENTOR	1-4	5946	3	10***	-19***	9.9***	7.8***	-.1	0
MIE	1-4	6002	-4	11***	-14*	9.3***	8.5***	-.2	0
SCARLETT	1-4	6452	-8	8***	-13**	9.7***	9.0***	-.1	0
JO 1810	1-4	5675	25	7***	1	10.5***	7.7***	.0	0
HJA 87061	1-4	5636	2	4***	-1	2.2***	.8*	-.5***	10*
BOR 88369	1-3	5695	2	10***	-13***	6.9***	5.1***	.1	2
BOR 88377	1-4	5847	-3	9***	-12**	14.6***	5.9***	-.4*	0
SW IH 91335	1-2	5839	-3	11***	-5	10.7***	7.0***	-.1	0
SW IH 91355	1-3	5838	-2	10***	-15***	9.4***	4.0***	-.2	0

Ohra, 1989-1996, Viralliset kokeet: Luokittelu maalajeittain  
 Barley, *Hordeum vulgare* L., 1989-1996, Official variety trials: Classification according to soil types

Lajike	Kärkeat kiv.maat		Savimaat		Liejusavi		Multamaat		Turvemaat	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Coarse mineral soils		Clay		Gytja-clay		Mould		Peat soil	
	kg/ha rel.	rel.	kg/ha rel.	rel.	kg/ha rel.	rel.	kg/ha rel.	rel.	kg/ha rel.	rel.
=C										
ARVE	45 5017	100	53 5159	100	14 4215	100	6 5592	100	16 5005	100
POHO	45 5036	100	53 5370	104*	14 4624	110*	6 5545	99	16 4832	97
KUSTAA	29 4740	95*	41 5126	95**	14 2682	64***	4 5258	94	6 3746	73*
KYMPPI	27 5027	101	39 5435	99	14 2672	63***	3 5737	97	6 4061	79
ARRA	43 4585	91***	49 4582	88***	13 4116	97	5 5018	89	15 4631	92
ARTTUURI	42 4875	97	44 4887	93***	12 4128	102	5 5424	97	14 5023	101
BOJINLA	30 4994	103	33 5731	108***	9 5069	111*	5 5204	99	12 4803	101
FILIPPA	19 4800	98	26 5291	97	10 4112	96	2 4710	90	5 3793	91
HJAN POKKO	17 4282	85***	27 5499	96	10 4386	105	1 6430	109	8 4104	78**
INARI	18 5373	108*	27 5704	105*	11 3170	71***	2 6045	98	2 2066	79
KINNAN	16 5340	104	28 5760	106***	11 3055	68***	2 6165	100	0	0
LOVIISA	28 4835	97	35 5337	100	10 3979	101	1 6070	103	10 4745	98
MEITE	17 4906	95	34 5354	101	12 3739	90	1 5970	101	2 6185	86*
PRISMA	11 5278	103	19 5421	95	7 2171	48***	1 5910	93	1 3028	89
ROLFI (= JO 1632)	25 5065	102	31 5203	102	9 4623	107	4 5855	100	10 4660	104
SAANA	10 5215	104	20 5596	102	7 4210	92	1 5570	88	0	0
THULE	23 5102	102	31 5251	106**	9 4971	116**	4 5605	97	8 5039	106
TYRA	23 5217	102	40 5430	102	14 2701	64***	3 5460	97	2 6715	93*
VIIVI	17 5053	100	29 5432	100	11 4481	100	2 5915	96	1 2973	88
MAUD	0	0	3 5377	95	1 6150	99	0	0	0	0

jatkuu

Ohra, 1989-1996, Viralliset kokeet: Luokittelu maalajeittain  
 Barley, *Hordeum vulgare* L., 1989-1996, Official variety trials: Classification according to soil types

Lajike	Karkeat kiv.maat		Savimaat		Liejusavi		Multamaat		Turvemaat	
	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha
Variety	Coarse mineral soils		Clay		Gytja-clay		Mould		Peat soil	
jatkoa	trials	kg/ha	trials	kg/ha	trials	kg/ha	trials	kg/ha	trials	kg/ha
=C	45	5017 100	53	5159 100	14	4215 100	6	5592 100	16	5005 100
ARVE	1	5262 122	4	6118 110	1	5940 96	0	0	0	0
MENTOR	1	5231 121	4	6195 111*	1	6710 108	0	0	0	0
MIE	2	6506 130**	5	6430 111*	1	6380 103	0	0	0	0
SCARLETT	1	5520 128	6	5685 112	2	4050 79	1	5770 105	0	0
JO 1810										
HJA 87061	16	5551 109**	28	5741 109***	7	5131 113	4	5960 103	6	5161 112
BOR 88369	9	5572 110	17	5781 109**	5	2988 67*	1	5590 101	1	4397 95
BOR 88377	1	5476 127	6	5928 116*	2	4110 80	1	5730 104	0	0
SW LH 91335	4	5676 108	9	6043 112*	2	4270 83	1	6040 110	1	7300 120
SW LH 91355	7	6213 116	12	5887 115***	3	3603 74	2	6055 94	1	4492 97

Ohra, 1989-1996, Viralliset kokeet: Luokittelu vyöhykkeittäin  
 Barley, *Hordeum vulgare* L., 1989-1996, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1		Vyöhyke 2		Vyöhyke 3		Vyöhyke 4	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Zone 1		Zone 2		Zone 3		Zone 4	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
ARVE	33	5254 100	27	5453 100	35	4742 100	25	5051 100
FOHTO	33	5332 101	27	5515 101	35	4965 105*	25	4925 97
KUSTAA	33	5000 95*	27	5110 94**	20	4408 91*	0	0
KYMPPI	31	5374 99	25	5519 101	19	4459 92	0	0
ARRA	32	4625 88***	26	5177 95*	31	4363 92**	23	4277 84***
ARTURI	30	4929 94**	25	5245 95*	29	4685 100	21	4874 96
BOINIA	22	5733 107*	18	5888 104*	25	4854 107**	15	4610 98
FILIPPA	20	5232 95	17	5193 97	15	4282 96	0	0
HJAN POKKO	20	5377 97	11	5534 90*	13	4436 88*	9	3827 78**
INARI	20	5779 107**	17	5637 106*	12	4628 100	0	0
KINNAN	20	5707 106**	16	5631 107**	10	5480 102	0	0
LOVIISA	25	5424 98	19	5530 102	21	4567 100	9	4347 88*
MEITE	29	5382 102	18	5193 95	7	4889 94	0	0
PRISMA	11	5409 95	13	5367 102	8	5088 95	0	0
ROLFI (= JO 1632)	18	5578 103	15	5392 100	20	4682 104*	17	4882 100
SAANA	11	5807 102	13	5171 101	7	5506 104	0	0
THULE	16	5362 104	14	5387 105	20	5076 109**	16	5007 98
TYRA	32	5372 102	27	5517 101	9	5132 101	0	0
VIIVI	20	5414 100	17	5346 101	12	4924 97	0	0
MAUD	2	4915 92	1	6300 100	0	0	0	0

jatkuu

Ohra, 1989-1996, Viralliset kokeet: Luokittelu vyöhykkeittäin  
 Barley, *Hordeum vulgare* L., 1989-1996, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1		Vyöhyke 2		Vyöhyke 3		Vyöhyke 4	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Zone 1		Zone 2		Zone 3		Zone 4	
jatkoa	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
ARVE	33	5254 100	27	5453 100	35	4742 100	25	5051 100
MENTOR	2	6110 115	3	5837 110	0	0	0	0
MIE	2	6075 114	3	5954 112*	0	0	0	0
SCARLETT	4	6613 115	3	6237 117	0	0	0	0
JO 1810	2	6100 114	3	5893 111	3	5173 113	0	0
HJTA 87061	13	5931 107*	12	5815 110**	16	5416 112***	13	5448 107
BOR 88369	8	6038 107	9	5529 109*	8	5540 106	3	5345 119
BOR 88377	2	5990 112	3	6072 114	3	5527 120	0	0
SW LH 91335	5	6522 118*	6	5270 107	4	6550 111	0	0
SW LH 91355	5	6618 120*	6	5456 112*	7	5571 108	4	6414 110

Ohra, 1992-1996, Viralliset kokeet: Luokittelu vuosittain  
 Barley, *Hordeum vulgare* L., 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
Variety	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996	
ARVE	13	4240 100	15	5072 100	13	5112 100	13	5594 100	12	4924 100
POHTO	13	4288 101	15	4999 99	13	5169 101	13	6132 110*	12	5838 119***
KUSTAA	8	3952 102	10	5030 94	8	5254 95	9	5284 100	7	5242 95*
KYMPPI	8	4538 117**	10	5420 102	8	5580 101	8	5483 102	7	5763 104
ARRA	13	3869 91*	15	4453 88**	13	4693 92*	13	5125 92*	4	5620 108
ARTTURI	13	3754 89**	15	5129 101	12	5279 104	8	5680 93*	3	4622 101
BOTNIA	13	4526 107	15	5016 99	11	5435 109**	1	7770 118	8	5923 115***
FILIPPA	8	4336 111*	2	4159 106	4	4990 94	8	5083 95	6	5298 105
HJAN POKKO	2	4215 117	2	5091 87	2	5660 91	1	7470 113	2	6310 99
INARI	8	4726 122***	9	5453 103	8	5392 98	8	5994 112**	5	6224 109**
KINNVAN	7	4281 112*	8	5999 105	7	5431 100	9	5567 105	6	5983 106
LOVLISA	6	3427 97	5	4904 100	7	5624 107	5	5407 104	1	5960 112
MEITE	5	4058 113	3	5702 102	4	5133 91	9	5300 100	3	5448 104
PRISMA	1	6790 126	10	5329 100	8	4955 90	8	5429 101	5	5367 94
ROLFI (= JO 1632)	13	4040 95	15	5155 102	13	5259 103	12	5698 100	1	4960 121
SAANA	1	3550 103	8	5680 100	8	5307 96	8	5523 103	6	5669 112
THULE	13	4051 96	15	5167 102	13	5277 103	13	5922 106	11	5615 113***
TYRA	7	4284 112**	8	6028 106	7	5938 105*	7	5513 104	7	5148 101
VIIVI	8	4295 110	10	5425 102	8	5179 94	9	5176 98	5	5901 103
MAUD	0	0	0	0	0	0	0	0	3	5377 95

jatkuu

Ohra, 1992-1996, Viralliset kokeet: Luokiteltu vuosittain  
 Barley, *Hordeum vulgare* L., 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Year 1992	Year 1992	Year 1993	Year 1993	Year 1994	Year 1994	Year 1995	Year 1995	Year 1996	Year 1996
jatkoo	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
=C	13	4240 100	15	5072 100	13	5112 100	13	5594 100	12	4924 100
ARVE	0	0	0	0	0	0	0	0	5	5946 112*
MENTOR	0	0	0	0	0	0	0	0	5	6002 113**
MIE	0	0	0	0	0	0	2	7145 115	5	6174 116*
SCARLETT	0	0	0	0	0	0	0	0	8	5675 112*
JO 1810	0	0	0	0	0	0	0	0	0	0
HJA 87061	1	5620 112	15	5408 107*	13	5370 105*	13	5848 105	12	5982 121***
BOR 88369	0	0	0	0	8	5300 96	8	6135 115*	12	5578 113**
BOR 88377	0	0	0	0	0	0	0	0	8	5847 116*
SW LH 91335	0	0	0	0	0	0	8	5862 111	7	6220 113**
SW LH 91355	0	0	0	0	0	0	11	6129 109*	11	5756 115*

Ohra, 1989-1996, Viralliset kokeet  
Barley, *Hordeum vulgare* L., 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha	Lako- %	Kasvu- aika pv	Pituus cm	Tjpp g	Hlp kg	Valk- %	Lentonoki kpl/10 m <sup>2</sup>
Variety	Cultivation zone	Yield kg/ha	Lodging- %	Growing time d	Length cm	1000-grain weight g	Hl weight kg	Prot- %	Loose smut pcs/10 m <sup>2</sup>
POHTO	1-4	124	33	93	73	37.3	64.5	11.4	2
ARVE	1-4	120	-15***	-4***	7***	2.7***	-2	.5***	-1
KUSTAA	1-3	81	-18***	4***	-1	8.6***	4.6***	.6***	0
KYMPPI	1-3	76	-16***	5***	3***	8.2***	3.2***	.6***	18
ARRA	1-4	116	5*	-6***	15***	2.0***	.7***	1.7***	5
ARTTUURI	1-4	108	-9***	-5***	5***	1.3***	-.3	1.1***	15**
BOTNIA	1-4	83	0	1**	8***	2.8***	-1.4***	-.7***	-1
FILIPPA	1-3	55	-11**	3***	1	14.7***	4.2***	1.5***	83*
HJAN POKKO	1-3	45	-7*	1***	12***	1.5***	-.4	.2	3
INARI	1-3	52	-18***	6***	-2*	15.3***	3.9***	.4***	3
KINNAN	1-3	46	-19***	4***	-3***	12.4***	2.7***	.8***	-3
LOVTIISA	1-4	75	-2	-3***	13***	4.8***	1.4***	.0	11*
NETTE	1-3	55	-16***	4***	2**	12.1***	3.3***	1.2***	5
PRISMA	1-3	32	-15*	6***	-6***	14.5***	2.5***	.5***	-4
ROLFI (= JO 1632)	1-4	73	-17***	-5***	0	1.2***	-1.4***	.5***	-2
SAANA	1-3	31	-21***	3***	-8***	12.9***	3.3***	.5***	-1
THULE	1-4	68	-15***	2***	5***	.7	-.3	.5***	8
TYRA	1-3	68	-27***	4***	-4***	9.8***	4.9***	.9***	1
VIVI	1-3	50	-27***	5***	5***	10.8***	2.9***	1.5***	-3
MAUD	1-4	3	-20	9**	-11	12.2*	4.5*	.9**	0

jatkuu



Ohra, 1989-1996, Viralliset kokeet  
 Barley, *Hordeum vulgare* L., 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha	Lako- %	Kasvu- aika pv	Pituus cm	Tjip g	Hlp kg	Valk.- %	Lentonoki kpl/10 m <sup>2</sup>
Variety	Cultivation zone	Yield kg/ha	Lodging- %	Growing time d	Length cm	1000-grain weight g	HI weight kg	Prot.- %	Loose smut pes/10 m <sup>2</sup>
	=C			93	73	37.3	64.5	11.4	2
POHIO	1-4	5183	33	7***	-13**	11.5***	5.4**	.5*	0
MENTOR	1-4	5946	-23	8***	-8*	10.8***	6.2**	.4	0
MIE	1-4	6002	-30	4***	-8***	10.9***	6.6***	.5*	0
SCARLETT	1-4	6452	-24*	4***	5*	11.9***	5.0**	.8**	0
JO 1810	1-4	5675	7	0	6***	4.8***	.6*	.0	7
HJA 87061	1-4	5641	-10***	6***	-5***	8.6***	3.3***	.7***	1
BOR 88369	1-3	5695	-7	5***	-8**	15.9***	3.3**	.3*	0
BOR 88377	1-4	5847	-22	7***	-2	10.8***	3.9***	.5**	0
SW LH 91335	1-2	5839	-19	6***	-11***	9.9***	1.4***	.3**	0
SW LH 91355	1-3	5838	-9						

jatkoa

Ohra, 1989-1996, Viralliset kokeet: Luokittelu maalaajeittain  
 Barley, *Hordeum vulgare* L., 1989-1996, Official variety trials: Classification according to soil types

Lajike	Karkeat kiv.maat		Savimaat		Liejusavi		Multamaat		Turvemaat	
	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha
Variety	Coarse mineral soils		Clay		Gytija-clay		Mould		Peat soil	
	trials	kg/ha	trials	kg/ha	trials	kg/ha	trials	kg/ha	trials	kg/ha
=C										
POHIO	49	5050	53	5370	14	4624	6	5545	16	4832
ARVE	45	5017	53	5159	14	4215	6	5592	16	5005
KUSTAA	30	4759	41	5126	14	2682	4	5258	6	3746
KYMPPI	28	5039	39	5435	14	2672	3	5737	6	4061
ARRA	47	4582	49	4582	13	4116	5	5018	15	4631
ARTTURI	45	4867	44	4887	12	4128	5	5424	14	5023
BOTNIA	33	5007	33	5731	9	5069	5	5204	12	4803
FILIPPA	22	4817	26	5291	10	4112	2	4710	5	3793
HJAN POKKO	18	4376	27	5499	10	4386	1	6430	8	4104
INARI	21	5340	27	5704	11	3170	2	6045	2	2066
KINNAN	16	5340	28	5760	11	3055	2	6165	0	0
LOVIISA	29	4883	35	5337	10	3979	1	6070	10	4745
METTE	18	4927	34	5354	12	3739	1	5970	2	6185
PRISMA	11	5278	19	5421	7	2171	1	5910	1	3028
ROLFI (= JO 1632)	28	5061	31	5203	9	4623	4	5855	10	4660
SAANA	10	5215	20	5596	7	4210	1	5570	0	0
THULE	25	5155	31	5251	9	4971	4	5605	8	5039
TYRA	23	5217	40	5430	14	2701	3	5460	2	6715
VIIVI	18	5059	29	5432	11	4481	2	5915	1	2973
MAUD	0	0	3	5377	1	6150	0	0	0	0

jatkuu

Ohra, 1989-1996, Viralliset kokeet: Luokittelu maalaajittain  
 Barley, *Hordeum vulgare* L., 1989-1996, Official variety trials: Classification according to soil types

Lajike	Kärkeat kiv.maat		Savimaat		Liejusavi		Multamaat		Turvemaat	
	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha
Variety	Coarse mineral soils		Clay		Gytja-clay		Mould		Peat soil	
jatkoa	trials	kg/ha	trials	kg/ha	trials	kg/ha	trials	kg/ha	trials	kg/ha
POHTO	49	5050	53	5370	14	4624	6	5545	16	4832
MENTOR	1	5262	4	6118	1	5940	0	0	0	0
MIE	1	5231	4	6195	1	6710	0	0	0	0
SCARLETT	2	6506	5	6430	1	6380	0	0	0	0
JO 1810	1	5520	6	5685	2	4050	1	5770	0	0
HJA 87061	17	5572	28	5741	7	5131	4	5960	6	5161
BOR 88369	9	5572	17	5781	5	2988	1	5590	1	4397
BOR 88377	1	5476	6	5928	2	4110	1	5730	0	0
SW LH 91335	4	5676	9	6043	2	4270	1	6040	1	7300
SW LH 91355	7	6213	12	5887	3	3603	2	6055	1	4492

Ohra, 1989-1996, Viralliset kokeet: Luokittelu vyöhykkeittäin  
 Barley, *Hordeum vulgare* L., 1989-1996, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1		Vyöhyke 2		Vyöhyke 3		Vyöhyke 4	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Zone 1		Zone 2		Zone 3		Zone 4	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
POHO	33	5332 100	28	5540 100	38	4958 100	25	4925 100
ARVE	33	5254 99	27	5453 99	35	4742 95*	25	5051 103
KUSTAA	33	5000 94**	28	5117 92**	20	4408 89*	0	0
KYMPPI	31	5374 97	26	5513 99	19	4459 90*	0	0
ARRA	32	4625 87***	27	5168 94***	34	4370 90***	23	4277 88***
ARTURI	30	4929 94*	25	5245 95	32	4692 98	21	4874 100
BOINIA	22	5733 107***	18	5888 104	28	4884 104*	15	4610 102
FILIPPA	20	5232 92**	18	5194 93**	17	4341 94	0	0
HJAN POKKO	20	5377 99	12	5569 94	13	4436 86**	9	3827 85**
INARI	20	5779 103	17	5637 102	15	4731 99	0	0
KINNAN	20	5707 102	16	5631 102	10	5480 96'	0	0
LOVLISA	25	5424 99	20	5565 102	21	4567 100	9	4347 97
MEITE	29	5382 100	19	5198 95	7	4889 87*	0	0
PRISMA	11	5409 91	13	5367 96	8	5088 92	0	0
ROLFI (= JO 1632)	18	5578 101	15	5392 99	23	4727 101	17	4882 102
SAANA	11	5807 98	13	5171 95	7	5506 98	0	0
THULE	16	5362 99	14	5387 98	22	5139 101	16	5007 97
TYRA	32	5372 101	27	5517 100	9	5132 93	0	0
VIIVI	20	5414 96	17	5346 97	13	4941 94	0	0
MAUD	2	4915 83	1	6300 85	0	0	0	0

jatkuu

Ohra, 1989-1996, Viralliset kokeet: Luokittelu vyöhykkeittäin  
 Barley, *Hordeum vulgare* L., 1989-1996, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1		Vyöhyke 2		Vyöhyke 3		Vyöhyke 4	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Zone 1		Zone 2		Zone 3		Zone 4	
jatkoa	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
POHJO	33	5332 100	28	5540 100	38	4958 100	25	4925 100
MENTOR	2	6110 103	3	5837 93	0	0	0	0
MIE	2	6075 102	3	5954 95	0	0	0	0
SCARLETT	4	6613 103	3	6237 99	0	0	0	0
JO 1810	2	6100 103	3	5893 94	3	5173 95	0	0
HJA 87061	13	5931 101	12	5815 104	17	5445 102	13	5448 103
BOR 88369	8	6038 98	9	5529 100	8	5540 96*	3	5345 95
BOR 88377	2	5990 101	3	6072 97	3	5527 102	0	0
SW LH 91335	5	6522 103	6	5270 94*	4	6550 98	0	0
SW LH 91355	5	6618 104	6	5498 98	7	5571 94	4	6414 98

Ohra, 1992-1996, Viralliset kokeet: Luokiteltu vuosittain  
Barley, *Hordeum vulgare* L., 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
=C	14	4376 100	16	5024 100	13	5169 100	13	6132 100	12	5838 100
POHTO	13	4240 99	15	5072 101	13	5112 99	13	5594 91*	12	4924 84***
ARVE	8	3952 94	10	5030 99	8	5254 95	9	5284 88**	7	5242 83***
KUSTAA	8	4538 107*	10	5420 107	8	5580 101	8	5483 91*	7	5763 91**
KYMPPI	14	3937 90**	16	4470 89**	13	4693 91**	13	5125 84***	4	5620 90
ARRA	14	3797 87**	16	5179 103	12	5279 102	8	5680 86**	3	4622 83*
ARTTUURI	14	4636 106*	16	5045 100	11	5435 108*	1	7770 99	8	5923 98
BOTNIA	9	4399 101	2	4159 110	4	4990 89	8	5083 84**	6	5298 89*
FILIPPA	2	4215 109	2	5091 98	2	5660 91	1	7470 95	2	6310 84*
HJAN POKKO	9	4803 110**	10	5452 107	8	5392 98	8	5994 99	5	6224 94*
INARI	7	4281 103	8	5999 111	7	5431 99	9	5567 93*	6	5983 91*
KINNAN	6	3427 92*	5	4904 108	7	5624 104	5	5407 94	1	5960 100
LOVIISA	5	4058 106	3	5702 113*	4	5133 90	9	5300 89**	3	5448 89
METTE	1	6790 117	10	5329 105	8	4955 90	8	5429 90*	5	5367 81***
PRISMA	14	4099 94	16	5204 104	13	5259 102	12	5698 93**	1	4960 95
ROLFI (= JO 1632)	1	3550 86	8	5680 105	8	5307 96	8	5523 91**	6	5669 95
SAANA	14	4167 95	16	5210 104	13	5277 102	13	5922 97*	11	5615 95**
THULE	7	4284 103	8	6028 111	7	5938 104	7	5513 90**	7	5148 86**
TYRA	9	4390 101	10	5425 107	8	5179 94	9	5176 87*	5	5901 89*
VIIVI	0	0	0	0	0	0	0	0	3	5377 84*
MAUD										

jatkuu

Ohra, 1992-1996, Viralliset kokeet: Luokittelu vuosittain  
 Barley, *Hordeum vulgare* L., 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Year 1992	Year 1992	Year 1993	Year 1993	Year 1994	Year 1994	Year 1995	Year 1995	Year 1996	Year 1996
jatkoa	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
=C	14	4376 100	16	5024 100	13	5169 100	13	6132 100	12	5838 100
POHTO	0	0	0	0	0	0	0	0	5	5946 97
MENIOR	0	0	0	0	0	0	0	0	5	6002 98
MIE	0	0	0	0	0	0	2	7145 103	5	6174 101
SCARLETT	0	0	0	0	0	0	0	0	8	5675 97
JO 1810	0	0	0	0	0	0	0	0	0	0
HJTA 87061	1	5620 101	16	5439 108*	13	5370 104*	13	5848 95*	12	5982 102
BOR 88369	0	0	0	0	8	5300 96	8	6135 101	12	5578 96
BOR 88377	0	0	0	0	0	0	0	0	8	5847 100
SW LH 91335	0	0	0	0	0	0	8	5862 98	7	6220 98
SW LH 91355	0	0	0	0	0	0	11	6129 99	11	5756 98

Ohra, 1989-1996, Viralliset kokeet  
Barley, *Hordeum vulgare* L., 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha	Lako- %	Kasvu- aika pv	Pituus cm	Tjip g	Hlp kg	Valk.- %	Lentonoki kpl/10 m <sup>2</sup>
Variety	Cultivation zone	Yield kg/ha	Lodging- %	Growing time d	Length cm	1000-grain weight g	HI weight kg	Prot.- %	Loose smut pcs/10 m <sup>2</sup>
KUSTAA	1-3	81	14	96	69	46.4	69.9	11.9	1
ARVE	1-3	80	2	-9***	8***	-6.1***	-5.1***	-1	-1
POHTO	1-3	81	18***	-4***	1	-8.6***	-4.6***	-6.6***	0
KYMPPI	1-3	76	2	0	4**	-1.3	-1.5***	-1	19
ARRA	1-3	77	14***	-10***	16***	-6.8***	-4.0***	1.1***	6
ARTTURI	1-3	72	6*	-10***	6***	-7.5***	-4.9***	.6***	12
BOTNIA	1-3	54	16***	-4***	8***	-5.3***	-6.1***	-1.2***	-1
FILIPPA	1-3	51	8*	-1**	1	7.0***	-1	.8***	92*
HJAN POKKO	1-3	42	16***	-3***	13***	-7.3***	-5.1***	-6*	3
INARI	1-3	49	-2	1***	0	6.7***	-8.8***	-2*	4
KINNAN	1-3	45	-2	-1*	-1*	3.6***	-2.1***	.0	-2
LOVIISA	1-3	57	14***	-7***	14***	-4.1***	-3.1***	-7**	12
METTE	1-3	55	2	-1*	3***	2.9***	-1.3***	.5***	5
PRISMA	1-3	32	-3	2***	-2*	5.0***	-2.2***	-1	-2
ROLFI (= JO 1632)	1-3	46	-1	-10***	3**	-7.8***	-6.2***	.0	-2
SAANA	1-3	30	-9**	-2***	-5***	3.4***	-1.4***	-2	2
THULE	1-3	42	-4	-4***	7***	-7.9***	-4.6***	-1	9
TYRA	1-3	66	-9***	0	-3***	.7*	.1	.3***	1
VIVI	1-3	49	-11***	0	8***	2.0***	-1.7***	.8***	-2
MAUD	1-3	3	-2	6**	-10	3.9	-8	-3	0

jatkuu



Ohra, 1989-1996, Viralliset kokeet  
 Barley, *Hordeum vulgare* L., 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike ...	Vijely- vyöhyke	Sato kg/ha	Lako- %	Kasvu- aika pv	Pituus cm	Tjip g	Hlp kg	Valk.- %	Lentonoki kpl/10 m <sup>2</sup>
Variety	Cultivation zone	Yield kg/ha	Lodging- %	Growing time d	Length cm	1000-grain weight g	HI weight kg	Prot.- %	Loose smut pcs/10 m <sup>2</sup>
jatkoa									
=C									
KUSTAA	1-3	4895	14	96	69	46.4	69.9	11.9	1
MENTOR	1-3	5946	-5	4*	-13**	4.4*	.7	-.7*	0
MIE	1-3	6002	-12	4**	-8*	3.7**	1.4*	-.8**	0
SCARLETT	1-3	6452	-10*	1	-7**	3.4**	1.7**	-.6*	0
JO 1810	1-3	5999	23	-1	5*	5.2***	1.1	-.2	0
HJA 87061	1-3	5820	-1	-5***	8***	-5.3***	-4.5***	-.7***	7
BOR 88369	1-3	5817	3	1*	-3**	-1.4*	-1.0**	-.2	1
BOR 88377	1-3	6311	-6	0	-8***	8.8***	-.7	-.8**	0
SW LH 91335	1-2	5839	-4	4***	-1	2.5*	.0	-.7***	0
SW LH 91355	1-3	6023	-9	1	-10***	1.8**	-2.3***	-.7***	0

Ohra, 1989-1996, Viralliset kokeet: Luokiteltu maalaajettain  
 Barley, *Hordeum vulgare* L., 1989-1996, Official variety trials: Classification according to soil types

Lajike	Karkeat kiv.maat		Savimaat		Liejusavi		Multamaat		Turvemaat	
	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha
Variety	Coarse mineral soils		Clay		Gytja-clay		Mould		Peat soil	
	trials	kg/ha	trials	kg/ha	trials	kg/ha	trials	kg/ha	trials	kg/ha
=C										
KUSTAA	30	4759 100	41	5126 100	14	2682 100	4	5258 100	6	3746 100
ARVE	29	4975 105*	41	5372 105**	14	4215 157***	4	5590 106	6	5161 138*
POHJO	30	4995 105*	41	5610 109***	14	4624 172***	4	5445 104	6	4835 129
KYMPEI	28	5039 106**	39	5435 104*	14	2672 100	3	5737 102	6	4061 108
ARRA	30	4732 99	38	4731 92***	13	4116 150***	3	5307 102	6	4845 129
ARTURI	28	4855 102	35	5048 98	12	4128 165***	3	5440 104	6	5272 141*
BOTNIA	19	5077 110**	26	6070 113***	9	5069 163***	4	5550 106	5	5011 139
FILIPPA	20	4820 102	25	5400 100	10	4112 139***	2	4710 94	4	3749 127
HJAN POKKO	13	4658 101	23	5725 105	10	4386 172***	1	6430 108	5	4288 111
INARI	18	5373 111***	27	5704 108***	11	3170 107	2	6045 104	2	2066 105
KINNAN	15	5363 108**	28	5760 109***	11	3055 103	2	6165 107	0	0
LOVIISA	21	4968 106	29	5525 108**	10	3979 158**	1	6070 102	6	4996 133**
MEITE	18	4927 103	34	5354 106**	12	3739 135***	1	5970 100	2	6185 104
PRISMA	11	5278 104	19	5421 99	7	2171 77*	1	5910 105	1	3028 95
ROLFI (= JO 1632)	17	5163 106	24	5417 104	9	4623 166***	2	6290 109	3	4284 134
SAANA	10	5215 107	19	5736 105*	7	4210 149**	1	5570 99	0	0
THULE	15	5091 105	24	5609 110***	9	4971 177***	2	5680 104	1	3921 123
TYRA	22	5230 106**	39	5501 107***	14	2701 101	3	5460 104	2	6715 113*
VIIVI	17	5053 103	29	5432 103	11	4481 152***	2	5915 102	1	2973 93
MAUD	0	0	3	5377 103	1	6150 112	0	0	0	0

jatkuu

Ohra, 1989-1996, Viralliset kokeet: Luokittelu maalaajettain  
 Barley, *Hordeum vulgare* L., 1989-1996, Official variety trials: Classification according to soil types

Lajike	Karkeat kiv.maat		Savimaat		Liejusavi		Multamaat		Turvemaat	
	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha
Variety	Coarse mineral soils		Clay		Gytja-clay		Mould		Peat soil	
	trials	kg/ha	trials	kg/ha	trials	kg/ha	trials	kg/ha	trials	kg/ha
jatkoa										
=C	30	4759 100	41	5126 100	14	2682 100	4	5258 100	6	3746 100
KUSTAA	1	5262 119	4	6118 120*	1	5940 108	0	0	0	0
MENTOR	1	5231 118	4	6195 121***	1	6710 122	0	0	0	0
MIE	2	6506 133	5	6430 118*	1	6380 116	0	0	0	0
SCARLETT	1	5520 125	5	6140 114	2	4050 109	1	5770 108	0	0
JO 1810										
HJA 87061	10	5451 109*	22	6078 114***	7	5131 182***	2	6115 112**	1	3264 102
BOR 88369	7	5426 113*	15	6015 110***	5	2988 99	1	5590 104	0	0
BOR 88377	1	5476 124	5	6594 122*	2	4110 110	1	5730 107	0	0
SW LH 91335	4	5676 112	9	6043 116***	2	4270 114	1	6040 113	0	0
SW LH 91355	4	5855 116	11	6154 115***	3	3603 110	1	5260 98	0	0

Ohra, 1989-1996, Viralliset kokeet: Luokittelu vyöhykkeittäin  
 Barley, *Hordeum vulgare* L., 1989-1996, Official variety trials: Classification according to zones

Lajike Variety	Vyöhyke 1 Zone 1		Vyöhyke 2 Zone 2		Vyöhyke 3 Zone 3		Vyöhyke 4 Zone 4	
	kpl trials	kg/ha rel.	kpl trials	kg/ha rel.	kpl trials	kg/ha rel.	kpl trials	kg/ha rel.
=C								
KUSTAA	33	5000 100	28	5117 100	20	4408 100	0	0
ARVE	33	5254 105*	27	5453 107**	20	4862 110*	0	0
POHJO	33	5332 107**	28	5540 108**	20	4978 113*	0	0
KYMPPI	31	5374 105**	26	5513 108***	19	4459 102	0	0
ARRA	32	4625 92***	27	5168 101	18	4399 104	0	0
ARTTURI	30	4929 99	25	5245 101	17	4799 114*	0	0
BOTNIA	22	5733 113**	18	5888 112***	14	4960 117*	0	0
FILIPPA	20	5232 99	18	5194 103	13	4438 103	0	0
HJAN POKKO	20	5377 104	12	5569 104	10	4572 105	0	0
INARI	20	5779 110***	17	5637 109***	12	4628 105	0	0
KINNAN	20	5707 109**	16	5631 110***	9	5534 107	0	0
LOVIISA	25	5424 105	20	5565 111***	12	4476 115*	0	0
METTE	29	5382 107**	19	5198 104	7	4889 97	0	0
PRISMA	11	5409 101	13	5367 102	8	5088 99	0	0
ROLFI (= JO 1632)	18	5578 107*	15	5392 103	13	4764 109	0	0
SAANA	11	5807 109**	13	5171 103	6	5932 107	0	0
THULE	16	5362 108*	14	5387 105	12	5421 112**	0	0
TYRA	32	5372 107***	27	5517 108***	7	5509 102	0	0
VIIVI	20	5414 103	17	5346 103	12	4924 101	0	0
MAUD	2	4915 101	1	6300 108	0	0	0	0

jatkoo

Ohra, 1989-1996, Viralliset kokeet: Luokiteltu vyöhykkeittäin  
 Barley, *Hordeum vulgare* L., 1989-1996, Official variety trials: Classification according to zones

Lajike Variety	Vyöhyke 1 kg/ha sl Zone 1 kg/ha rel.		Vyöhyke 2 kg/ha sl Zone 2 kg/ha rel.		Vyöhyke 3 kg/ha sl Zone 3 kg/ha rel.		Vyöhyke 4 kg/ha sl Zone 4 kg/ha rel.	
	kpl trials	rel.	kpl trials	rel.	kpl trials	rel.	kpl trials	rel.
jatkoa								
KUSTAA	33	5000 100	28	5117 100	20	4408 100	0	0
MENTOR	2	6110 125*	3	5837 116	0	0	0	0
MIE	2	6075 124	3	5954 119**	0	0	0	0
SCARLETT	4	6613 120*	3	6237 124*	0	0	0	0
JO 1810	2	6100 125	3	5893 117	2	6055 102	0	0
HJA 87061	13	5931 114**	12	5815 112**	10	5683 110*	0	0
BOR 88369	8	6038 112*	9	5529 110**	6	5955 108	0	0
BOR 88377	2	5990 123	3	6072 121*	2	6990 118	0	0
SW LH 91335	5	6522 120**	6	5270 110	3	6300 115	0	0
SW LH 91355	5	6618 122**	6	5498 115**	5	6058 107	0	0

Ohra, 1992-1996, Viralliset kokeet: Luokittelu vuosittain  
 Barley, *Hordeum vulgare* L., 1992-1996, Official variety trials: Classification according to years

Lajike Variety	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl trials	kg/ha rel.	kpl trials	kg/ha rel.	kpl trials	kg/ha rel.	kpl trials	kg/ha rel.	kpl trials	kg/ha rel.
=C	8	3952 100	10	5030 100	8	5254 100	9	5284 100	7	5242 100
KUSTAA	8	3889 98	10	5338 106	8	5502 105	9	5293 100	7	5519 105*
ARVE	8	4223 107	10	5080 101	8	5512 105	9	5971 113**	7	6348 121***
POHTO	8	4538 115*	10	5420 108**	8	5580 106	8	5483 103	7	5763 110**
KYMPPI	8	3707 94	10	4711 94	8	5106 97	9	5050 96	3	5877 110
ARRA										
ARTTUURI	8	3396 86	10	5243 104	8	5635 107	6	5390 92	2	4954 107
BOTNIA	8	4436 112*	10	5229 104	6	5777 116	1	7770 114	6	6489 119**
FILIPPA	8	4336 110	2	4159 108	3	5330 91	8	5083 96	5	5844 107
HJAN POKKO	2	4215 118	2	5091 95	2	5660 104	1	7470 109	2	6310 102
INARI	8	4726 120**	9	5453 110**	8	5392 103	8	5994 113**	5	6224 114*
KINNAN	7	4281 110	8	5999 113*	7	5431 104	9	5567 105*	5	6182 113**
LOVIISA	5	3532 101	5	4904 109	6	5786 106	5	5407 105	1	5960 124
MEITE	5	4058 112	3	5702 116	4	5133 96	9	5300 100	3	5448 109
PRISMA	1	6790 115	10	5329 106	8	4955 94	8	5429 102	5	5367 98
ROLFI (= JO 1632)	8	3698 94	10	5399 107	8	5612 107	8	5513 104	0	0
SAANA	1	3550 110	8	5680 107	8	5307 101	8	5523 104	5	6213 113*
THULE	8	3832 97	10	5503 109	8	5808 111	9	5676 107**	6	6280 115**
TYRA	7	4284 110	8	6028 113**	7	5938 107	7	5513 102	5	5682 104
VIIVI	8	4295 109	10	5425 108*	8	5179 99	9	5176 98	5	5901 108*
MAUD	0	0	0	0	0	0	0	0	3	5377 103

jatkuu

Ohra, 1992-1996, Viralliset kokeet: Luokittelu vuosittain  
 Barley, *Hordeum vulgare* L., 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
jatkoa										
=C	8	3952 100	10	5030 100	8	5254 100	9	5284 100	7	5242 100
KUSTAA	0	0	0	0	0	0	0	0	5	5946 120**
MENTOR	0	0	0	0	0	0	0	0	5	6002 121***
MIE	0	0	0	0	0	0	2	7145 117	5	6174 124**
SCARLETT	0	0	0	0	0	0	0	0	7	5999 114**
JO 1810	0	0	0	0	0	0	0	0	0	0
HJA 87061	1	5620 112	10	5602 111*	8	5725 109	9	5753 109*	7	6356 121***
BOR 88369	0	0	0	0	8	5300 101	8	6135 116**	7	6045 115***
BOR 88377	0	0	0	0	0	0	0	0	7	6311 120**
SW LH 91335	0	0	0	0	0	0	7	5656 111*	7	6220 119***
SW LH 91355	0	0	0	0	0	0	9	5962 113**	7	6102 116**

Ohra, 1989-1996, Viralliset kokeet  
Barley, *Hordeum vulgare* L., 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha	Lako- %	Kasvu- aika pv	Pituus cm	Tjpp g	Hlp kg	Valk- %	Lentonoki kpl/10 m <sup>2</sup>
Variety	Cultivation zone	Yield kg/ha	Lodging- %	Growing time d	Length cm	1000-grain weight g	HI weight kg	Prot.- %	Loose smut pcs/10 m <sup>2</sup>
KYMPPI	1-3	76	16	97	74	45.9	68.4	11.8	20
ARVE	1-3	75	0	-9***	4***	-5.6***	-3.5***	-1.1	-20
POHO	1-3	76	16***	-5***	-3***	-8.2***	-3.2***	-6.6***	-18
KUSTAA	1-3	76	-2	0	-4***	.3	1.5***	.1	-19
ARRA	1-3	72	11***	-10***	12***	-6.2***	-2.4***	1.0***	-12*
ARTTURI	1-3	67	4	-10***	2*	-7.0***	-3.3***	.5***	-7
BOTILA	1-3	53	12**	-4***	4***	-4.9***	-4.5***	-1.2***	-14
FILIPPA	1-3	49	1	-2***	-3***	7.8***	1.6***	.9***	77*
HJAN POKKO	1-3	42	12***	-4***	9***	-6.5***	-3.1***	-6.6*	-18
INARI	1-3	49	-4	1**	-5***	7.5***	.7**	-.2	-13
KINNAN	1-3	44	-3	-1**	-6***	4.4***	-.6*	.1	-19
LOVIISA	1-3	57	10**	-7***	9***	-3.4***	-1.5***	-6.6**	-9
MEITE	1-3	52	1	-1***	-2*	3.7***	.3	.5***	-16
PRISMA	1-3	32	0	2***	-8***	5.2***	-1.1***	-1.1	-11
ROLFI (= JO 1632)	1-3	45	-2	-10***	-2*	-7.0***	-4.6***	.0	-19
SAANA	1-3	30	-5	-2***	-10***	3.6***	-.2	-1.1	-8
THULE	1-3	41	0	-4***	2	-7.8***	-3.4***	.0	-1
TYRA	1-3	62	-9***	-1***	-7***	1.2***	1.6***	.3***	-17
VIIVI	1-3	48	-12**	0	2**	2.7***	-.3	.8***	-19
MAUD	1-3	3	-3	5**	-14*	4.6	1.9	.0	0

jatkuu



Ohra, 1989-1996, Viralliset kokeet  
 Barley, *Hordeum vulgare* L., 1989-1996, Official variety trials

Poikkeamat mitarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha	Lako- %	Kasvu- aika pv	Pituus cm	Tip g	Hlp kg	Valk.- %	Lentonoki kpl/10 m <sup>2</sup>
Variety	Cultivation zone	Yield kg/ha	Lodging- %	Growing time d	Length cm	1000-grain weight g	HI weight kg	Prot.- %	Loose smut pcs/10 m <sup>2</sup>
jatkoa									
KIMPPI	1-3	76	16	97	74	45.9	68.4	11.8	20
MENTOR	1-3	5	-6	3**	-18***	4.1*	3.0**	-3	0
MIE	1-3	5	-13	4***	-12**	3.4**	3.8**	-5*	0
SCARLETT	1-3	7	-10*	0	-12***	4.2***	4.3***	-3	0
JO 1810	1-3	7	24	0	0	4.6**	2.8**	.1	0
HJA 87061	1-3	34	3	-5***	3*	-5.1***	-3.3***	-.6***	-2
BOR 88369	1-3	23	-1	1**	-8***	-.7	.6	-.2	2
BOR 88377	1-3	7	-5	1	-12***	8.2***	1.0*	-.5*	0
SW LH 91335	1-2	11	-5	3***	-7***	3.4***	1.8**	-.4*	0
SW LH 91355	1-3	15	-3	1	-16***	2.3***	-.7*	-.6**	0

Ohra, 1989-1996, Viralliset kokeet: Luokittelu maalaajettain  
 Barley, *Hordeum vulgare* L., 1989-1996, Official variety trials: Classification according to soil types

Lajike	Kärkeat kiv.maat		Savimaat		Liejusavi		Multamaat		Turvemaat	
	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha
Variety	Coarse mineral soils		Clay		Gytija-clay		Mould		Peat soil	
	trials	kg/ha	trials	kg/ha	trials	kg/ha	trials	kg/ha	trials	kg/ha
=C										
KYMPEI	28	5039	39	5435	14	2672	3	5737	6	4061
ARVE	27	4957	39	5494	14	4215	3	5930	6	5161
POHTO	28	4981	39	5727	14	4624	3	6093	6	4835
KUSTAA	28	4743	39	5208	14	2682	3	5640	6	3746
ARRA	28	4734	36	4858	13	4116	2	5755	6	4845
ARTIURI	26	4919	33	5201	12	4128	2	6035	6	5272
BOTNIA	19	5077	26	6070	9	5069	3	6113	5	5011
FILIPPA	19	4795	25	5400	10	4112	1	5670	4	3749
HJAN POKKO	13	4658	23	5725	10	4386	1	6430	5	4288
INARI	18	5373	27	5704	11	3170	2	6045	2	2066
KINNAN	15	5363	27	5783	11	3055	2	6165	0	0
LOVIISA	21	4968	29	5525	10	3979	1	6070	6	4996
MEITE	17	4897	32	5456	12	3739	1	5970	2	6185
PRISVA	11	5278	19	5421	7	2171	1	5910	1	3028
ROLFI (= JO 1632)	17	5163	23	5446	9	4623	2	6290	3	4284
SAANA	10	5215	19	5736	7	4210	1	5570	0	0
THULE	15	5091	23	5614	9	4971	2	5680	1	3921
TYRA	20	5237	38	5586	14	2701	2	6255	2	6715
VIIVI	17	5053	28	5458	11	4481	2	5915	1	2973
MAUD	0	0	3	5377	1	6150	0	0	0	0

jatkuu

Ohra, 1989-1996, Viralliset kokeet: Luokittelu maalajeittain  
 Barley, *Hordeum vulgare* L., 1989-1996, Official variety trials: Classification according to soil types

Lajike	Karkkeat kivimaat		Savimaat		Liejusavi		Multamaat		Turvemaat	
	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha
Variety	Coarse mineral soils		Clay		Gytja-clay		Mould		Peat soil	
jatkoo	trials	kg/ha	trials	kg/ha	trials	kg/ha	trials	kg/ha	trials	kg/ha
=C	28	5039	39	5435	14	2672	3	5737	6	4061
KYMPPI	1	5262	4	6118	1	5940	0	0	0	0
MENTOR	1	5231	4	6195	1	6710	0	0	0	0
MIE	2	6506	5	6430	1	6380	0	0	0	0
SCARLETT	1	5520	5	6140	2	4050	1	5770	0	0
JO 1810	10	5451	21	6128	7	5131	2	6115	1	3264
HJA 87061	7	5426	15	6015	5	2988	1	5590	0	0
BOR 88369	1	5476	5	6594	2	4110	1	5730	0	0
BOR 88377	4	5676	9	6043	2	4270	1	6040	0	0
SW LH 91335	4	5855	10	6240	3	3603	1	5260	0	0
SW LH 91355										

Ohra, 1989-1996, Viralliset kokeet: Luokittelu vyöhykkeittäin  
 Barley, *Hordeum vulgare* L., 1989-1996, Official variety trials: Classification according to zones

Lajike Variety	Vyöhyke 1		Vyöhyke 2		Vyöhyke 3		Vyöhyke 4	
	kpl kg/ha	sl rel.	kpl kg/ha	sl rel.	kpl kg/ha	sl rel.	kpl kg/ha	sl rel.
	Zone 1		Zone 2		Zone 3		Zone 4	
KYMPPI	31	5374 100	26	5513 100	19	4459 100	0	0
ARVE	31	5408 101	25	5472 99	19	4864 109	0	0
POHJO	31	5522 103	26	5567 101	19	4958 111*	0	0
KUSTAA	31	5126 95**	26	5127 93***	19	4373 98	0	0
ARRA	30	4761 88***	25	5205 94*	17	4416 104	0	0
ARTURI	28	5100 95*	23	5351 96	16	4835 114*	0	0
BOINIA	21	5822 109**	18	5888 104	14	4960 114*	0	0
FILIPPA	19	5310 96*	17	5188 96*	13	4438 105	0	0
HJAN POKKO	20	5377 100	12	5569 98	10	4572 108	0	0
INARI	20	5779 105**	17	5637 101	12	4628 104	0	0
KINNAN	20	5707 104	16	5631 102	8	5586 108	0	0
LOVIISA	25	5424 101	20	5565 104	12	4476 117**	0	0
METIE	28	5493 102	18	5184 98	6	4845 102	0	0
PRISMA	11	5409 93	13	5367 94*	8	5088 98	0	0
ROLFI (= JO 1632)	18	5578 103	15	5392 96	12	4765 109	0	0
SAANA	11	5807 100	13	5171 93**	6	5932 107	0	0
THULE	16	5362 100	14	5387 96	11	5414 108	0	0
TYRA	30	5525 102	25	5545 100	7	5509 107*	0	0
VIIVI	20	5414 98	17	5346 96*	11	4942 99	0	0
MÄUD	2	4915 89	1	6300 100	0	0	0	0

jatkoo



Ohra, 1992-1996, Viralliset kokeet: Luokiteltu vuosittain  
Barley, *Hordeum vulgare* L., 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
=C										
KYMPPI	8	4538 100	10	5420 100	8	5580 100	8	5483 100	7	5763 100
ARVE	8	3889 86**	10	5338 98	8	5502 99	8	5354 98	7	5519 96
POHO	8	4223 93*	10	5080 94	8	5512 99	8	6047 110*	7	6348 110**
KUSTAA	8	3952 87*	10	5030 93**	8	5254 94	8	5309 97	7	5242 91**
ARRA	8	3707 82**	10	4711 87*	8	5106 92	8	5168 94*	3	5877 98
ARTURI	8	3396 75**	10	5243 97	8	5635 101	5	5624 95	2	4954 93
BOTNIA	8	4436 98	10	5229 96	6	5777 106	1	7770 126	6	6489 109**
FILIPPA	8	4336 96*	2	4159 103	3	5330 92	8	5083 93**	5	5844 97
HJAN POKKO	2	4215 94	2	5091 88	2	5660 92	1	7470 121	2	6310 98
INARI	8	4726 104	9	5453 102	8	5392 97	8	5994 109**	5	6224 103
KINMAN	7	4281 97	8	5999 104	7	5431 99	8	5623 103	5	6182 103
LOVIISA	5	3532 84*	5	4904 101	6	5786 102	5	5407 100	1	5960 106
MEITE	5	4058 100	3	5702 106	4	5133 94	8	5319 97	3	5448 95
PRISMA	1	6790 109	10	5329 98	8	4955 89	8	5429 99	5	5367 89**
ROLFI (= JO 1632)	8	3698 81**	10	5399 100	8	5612 101	7	5622 103	0	0
SAANA	1	3550 81	8	5680 99	8	5307 95	8	5523 101	5	6213 103
THULE	8	3832 84**	10	5503 102	8	5808 104	8	5700 104	6	6280 105*
TYRA	7	4284 97	8	6028 105	7	5938 103	7	5513 99	5	5682 94
VIIVI	8	4295 95	10	5425 100	8	5179 93**	8	5233 95*	5	5901 98
MAUD	0	0	0	0	0	0	0	0	3	5377 93

jatkuu

Ohra, 1992-1996, Viralliset kokeet: Luokittelu vuosittain  
 Barley, *Hordeum vulgare* L., 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996	
jatkoa	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
=C	8	4538 100	10	5420 100	8	5580 100	8	5483 100	7	5763 100
KYMPPI	0	0	0	0	0	0	0	0	5	5946 106
MENTOR	0	0	0	0	0	0	0	0	5	6002 107*
MIE	0	0	0	0	0	0	2	7145 113	5	6174 110*
SCARLETT	0	0	0	0	0	0	0	0	7	5999 104
JO 1810	0	0	0	0	0	0	0	0	0	0
HJA 87061	1	5620 95	10	5602 103	8	5725 103	8	5846 107	7	6356 110***
BOR 88369	0	0	0	0	8	5300 95	8	6135 112**	7	6045 105
BOR 88377	0	0	0	0	0	0	0	0	7	6311 110
SW LH 91335	0	0	0	0	0	0	7	5656 105	7	6220 108*
SW LH 91355	0	0	0	0	0	0	8	6046 110**	7	6102 106

Kaura, 1989-1996, Viralliset kokeet  
Oats, *Avena sativa* L., 1989-1996, Official variety trials

Poikkeamat mitarilajikkeen tuloksista. Differences from results of control variety

Lajike	Vijely- vyöhyke	Sato kg/ha	Lako- %	Kasvu- aika pv	Pituus cm	Tjp g	Hlp kg	Valk- %	Valk- sato	Kuori- %	Ydin sato
Variety	Cultivation zone	Yield kg/ha	Lodging- %	Growing time d	Length cm	1000-grain weight g	HI weight kg	Prot- %	Prot- yield	Hull content %	Groat yield
	=C										
VELI	1-4	125	25	97	100	36.0	54.4	13.7	618	22.8	3487
PUHTI	1-3	109	3	5***	6***	4.4	-2.0***	-9***	-23***	-1.4***	169***
SALO	1-3	108	-11***	7***	-17***	4.5***	-1.3***	-1.2***	-30***	-1.0***	206***
AARE	1-4	67	-3*	0	3***	1.4***	-0.6***	.0	7	-1.6***	116***
FREJA	1-3	39	0	7***	-7***	2.4***	.3	-1.8***	-32*	-.5*	368***
KATRI	1-3	65	-6	7***	-4***	-.2	-1.2***	-1.1***	3	-1.1***	344***
KOLBU	1-4	67	-4	1***	-8***	-.4	-2.0***	-1.1***	-16*	.1	230***
LEILA	1-4	113	0	-1**	-13***	2.2***	.4*	-.1	-9	1.0***	-66**
LISBEIH	1-3	53	3	2***	-2*	-7.5***	7.2***	3.6***	-140***	-17.3***	-839***
ROOPE	1-3	45	-2	4***	-3***	-.1	-2.1***	-1.0***	13	-.8***	441***
VIRMA	1-3	71	-3	5***	-5***	-2.2***	-1.3***	-1.0***	-4	-1.0***	280***
YTY	1-3	92	5*	4***	3***	2.5***	-1.5***	-1.3***	-15	-.1	285***
SISKO	1-4	72	-6**	-1**	-3***	-4.0***	-1.8***	-.4***	-23***	1.1***	-73*
JO 1307	1-4	10	1	6***	4*	-9.2***	5.7**	2.6***	-167***	-19.4***	-847*
BOR 1323	1-3	23	4	5***	-7***	1.4**	-.6*	-1.4***	-33*	1.0***	189*
BOR 1357	1-3	21	6	0	-2*	1.8***	-.9**	.0	20	-1.6***	207**
BOR 87890	1-4	37	-13*	2**	-19***	-2.2***	-1.5***	-1.3***	-23*	1.6***	138**
BOR 88322	1-4	6	-2	7**	-12***	-.1	-3.1***	-1.9***	-10	2.0**	433
SW 18490	1-4	12	2	3**	-30***	-4.1***	-3.2***	-.1	-85**	.8	-351*
SW 881330	1-4	25	-4	4***	-16***	-2.4***	-.9*	-.7***	-16	2.3***	-9
SW 92190	1-2	12	-4***	6***	-15***	4.9***	-1.1*	-2.1***	-27	1.4*	546**



Kaura, 1989-1996, Viralliset kokeet: Luokittelu maalejeittain  
 Oats, *Avena sativa* L., 1989-1996, Official variety trials: Classification according to soil types

Lajike	Karkeat kiv.maat		Savimaat		Liejusavi		Multamaat		Turvemaat	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Coarse mineral soils		Clay		Gytija-clay		Mould		Peat soil	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
=C	34	5256 100	58	5171 100	6	5322 100	13	6274 100	14	4954 100
VELLI	27	5258 102	58	5403 104***	6	5375 101	12	6287 103	8	4648 94
PUHTI	25	5403 105**	58	5477 106***	6	5470 103	12	6251 102	7	4802 95
SALO	17	5395 100	31	5300 102	4	5625 101	7	6357 99	8	5019 101
AARRE	7	5656 106	24	6103 112***	4	5968 107	4	6398 109	0	0
FREJA	17	5833 112***	34	5781 109***	4	5675 98	6	6452 108*	4	5519 106
KAIRI	17	5652 105***	32	5628 108***	4	5883 105	7	6608 103	7	5168 104
KOLBU	30	5276 99	53	5112 98	6	5382 101	12	6130 97	12	5090 104
LEILA	12	3360 62***	31	3230 60***	4	3440 64*	8	3972 62***	2	2136 47
LISBETH	9	6154 112**	25	6144 111***	3	5927 107	5	6596 111**	3	4826 106
ROOPE	16	5443 106***	39	5600 108***	6	5620 106	7	6464 104	3	5840 105
VIRVA	21	5355 105**	49	5688 109***	6	5600 105	11	6614 108**	5	5365 102
YTY	21	5287 101	30	5159 99	3	4723 98	10	6182 99	8	5000 99
SISKO	2	3207 64	6	3383 59**	1	3340 54	1	3430 59	0	0
JO 1307	5	6783 112*	12	5998 108**	2	6070 101	3	6287 105	1	4879 91
BOR 1323	6	6421 105	12	5727 103	2	6130 102	1	5870 101	2	5114 103
BOR 1357	9	6355 109**	18	5683 106***	3	5990 108	3	6805 105	4	5081 109
BOR 87890	1	5268 125	4	6738 116*	1	6750 109	0	0	0	0
BOR 88322	3	4974 91*	6	5140 90	1	5460 88	1	5280 91	1	2096 46
SW 18490	7	6680 108*	12	5818 104	2	6005 100	2	7090 101	2	4397 89
SW 881330	4	6575 124	10	6476 116**	2	6450 108	1	6320 109	0	0
SW 92190										

Kaura, 1989-1996, Viralliset kokeet: Luokittelu vyöhykkeittäin  
 Oats, *Avena sativa* L., 1989-1996, Official variety trials: Classification according to zones

Lajike Variety	Vyöhyke 1		Vyöhyke 2		Vyöhyke 3		Vyöhyke 4	
	kpl kg/ha	sl rel.	kpl kg/ha	sl rel.	kpl kg/ha	sl rel.	kpl kg/ha	sl rel.
	Zone 1		Zone 2		Zone 3		Zone 4	
	trials	kg/ha	trials	kg/ha	trials	kg/ha	trials	kg/ha
=C								
VELJ	40	5021 100	25	5438 100	45	5366 100	15	5547 100
PUHTI	40	5267 105**	25	5650 104*	44	5414 101	2	5036 92
SALO	40	5403 108***	25	5850 108**	43	5391 100	0	0
AARRE	19	5251 102	13	5441 100	26	5273 99	9	6174 104*
FREJA	19	5713 111***	12	6215 113***	8	6550 104	0	0
KATRI	24	5783 108***	16	5962 111***	25	5801 108***	0	0
KOLBU	21	5541 107***	13	5879 108**	26	5556 104***	7	6417 105*
LEILA	38	5088 101	25	5380 99	37	5307 97*	13	5535 99
LISBEIH	22	3186 63***	12	3147 57***	19	3589 62***	4	3551 55**
ROOPE	14	5989 113***	11	6235 110**	20	6090 110***	0	0
VIRVA	35	5435 108***	17	5860 109**	19	5903 103*	0	0
YTY	36	5461 108***	23	5952 110***	33	5784 105***	0	0
SISKO	24	4835 98	14	5720 102	24	5274 97*	10	5907 102
JO 1307	3	3677 65	3	3028 55	4	3343 59**	0	0
BOR 1323	7	5873 109*	7	6099 106	9	6440 107	0	0
BOR 1357	7	5839 108**	5	5410 97	9	6271 104*	2	5620 103
BOR 87890	10	5712 109**	7	5683 106*	14	5792 104*	6	6703 110**
BOR 88322	3	6600 116	3	6389 116*	0	0	0	0
SW 18490	3	5390 95	3	4589 83	4	5193 91**	2	3947 72
SW 881330	7	5780 107	5	5798 103	9	6220 103	4	6529 101
SW 92190	7	6306 117**	5	6368 114	5	6860 119	0	0

Kaura, 1992-1996, Viralliset kokeet: Luokiteltu vuosittain  
Oats, *Avena sativa* L., 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
=C	15	4701 100	15	5619 100	13	4862 100	13	6055 100	12	5612 100
VELLI	13	4913 108**	13	5706 101	11	4807 100	11	5736 99	12	5585 100
PUHTI	13	4784 105	13	5635 99	11	4933 103	11	5892 102	10	5407 96
SALO	15	4681 100	15	5871 104*	13	5007 103	13	5950 98	11	5677 99
AARRE	7	5571 120***	7	6464 111**	9	5609 111**	9	6561 110*	7	5964 100
FREJA	14	5252 114***	0	0	0	0	11	6216 107*	6	5563 99
KATRI	15	5088 108**	15	5984 106**	11	5214 109**	13	6414 106**	11	5829 102
KOLBU	14	4541 97	15	5468 97	6	4913 107	11	5970 96	11	5502 96*
LEILA	0	0	0	0	2	4445 74	11	3469 59***	11	2971 52***
LISBETH	1	6340 119	13	6377 112***	11	5188 108***	11	6563 113**	9	6192 107**
ROOPE	8	5131 112*	4	5577 108	3	5343 112*	5	6710 105	5	6000 102
VIRMA	13	5092 112**	13	5830 103	8	5220 106	5	6588 103	5	5984 102
YTY	1	5300 99	15	5508 98	9	4826 99	5	6476 102	1	5810 101
SISKO	0	0	0	0	0	0	0	0	10	3348 59***
JO 1307	1	6140 115	1	6740 99	0	0	11	6281 108*	10	5979 106*
BOR 1323	0	0	0	0	0	0	11	6097 105*	12	5712 102
BOR 1357	0	0	0	0	13	5324 110***	12	6417 105*	12	5999 107**
BOR 87890	0	0	0	0	0	0	0	0	6	6495 116**
BOR 88322	0	0	0	0	0	0	0	0	12	4883 87**
SW 18490	0	0	0	0	0	0	0	0	12	5831 104
SW 881330	0	0	0	0	0	0	13	6275 104	10	6254 111**
SW 92190	0	0	0	0	0	0	7	6820 125**	10	6254 111**

Kaura, 1989-1996, Viralliset kokeet  
Oats, *Avena sativa* L., 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista. Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha	Lako- %	Kasvu- aika pv	Pituus cm	Tjip g	Hlp kg	Valko- %	Valko- sato	Kuori- %	Ydin sato
Variety	Cultivation zone	Yield kg/ha	Lodging- %	Growing time d	Length cm	1000-grain weight g	Hl weight kg	Prot- %	Prot. yield	Hull content %	Groat yield
=C											
PUHTI	1-3	109	27	101	105	36.3	52.6	12.7	588	21.5	3629
VELLI	1-3	109	-3	-5***	-6***	-4*	2.0***	.9***	23***	1.4***	-169***
SALO	1-3	108	-14***	2***	-23***	4.1***	.7**	-.3***	-8	.5***	32
AARRE	1-3	57	-2	-6***	-2**	.8**	1.3***	.9***	37***	.0	-28
FREJA	1-3	39	-3*	2***	-12***	1.8***	2.2***	-.9***	0	1.2***	202**
KATRI	1-3	64	-11***	1*	-11***	-.6**	1.1***	-.1	30***	.4**	190***
KOLBU	1-3	59	-6**	-4***	-13***	-1.0***	-.1	-.2	19**	1.7***	119**
LELIA	1-3	100	-6	-6***	-20***	1.8***	2.5***	.8***	11	2.5***	-249***
LISBETH	1-3	53	-5	-2***	-8***	-7.8***	8.9***	4.4***	-123***	-16.0***	-1013***
ROOPE	1-3	45	-4*	-1***	-9***	-.2	-.3	-.1	52***	.7***	360***
VIRMA	1-3	71	-6***	0	-12***	-2.7***	.8***	-.1	13	.5***	82*
YTY	1-3	92	3	-1***	-4***	2.0***	.6***	-.4*	5	1.3***	93**
SISSKO	1-3	62	-4*	-6***	-9***	-4.2***	.1	.4***	-12	2.5***	-298***
JO 1307	1-3	10	1	2	2*	-8.6***	7.2***	3.4***	-134***	-17.8***	-985**
BOR 1323	1-3	23	-1	-1	-11***	1.6***	.9**	-.6***	4	2.7***	83
BOR 1357	1-3	21	0	-5***	-6***	2.0***	.8**	.8***	60***	.0	142
BOR 87890	1-3	31	-9*	-3***	-23***	-2.2***	.7	-.4**	14	2.9***	50
BOR 88322	1-3	6	-2	3**	-14***	.5	-1.1*	-1.0**	30**	3.4**	317*
SW 18490	1-3	10	-5	-2	-31***	-3.6***	-1.5*	.8**	-25*	2.4**	-489***
SW 881330	1-3	21	-11	-1	-19***	-2.2***	.9*	.0	25**	3.9***	-77
SW 92190	1-2	12	-4**	3***	-19***	4.7***	.8	-1.4***	3	3.2***	430**

Kaura, 1989-1996, Viralliset kokeet: Luokiteltu maalaajettain  
Oats, *Avena sativa* L., 1989-1996, Official variety trials: Classification according to soil types

Lajike	Karkeat kivimaat kpl kg/ha sl	Savimaat kpl kg/ha sl	Liejusavi kpl kg/ha sl	Multamaat		Turvemaat									
				kpl	kg/ha sl	kpl	kg/ha sl								
Variety	Coarse mineral soils kg/ha rel.		Clay kg/ha rel.		Gyttja-clay kg/ha rel.		Mould kg/ha rel.		Peat soil kg/ha rel.						
=C															
PUHTI	27	5258	100	58	5403	100	6	5375	100	12	6287	100	8	4648	100
VELI	27	5159	98	58	5171	96***	6	5322	99	12	6115	97	8	4971	107
SALO	25	5403	103	58	5477	101	6	5470	102	12	6251	99	7	4802	100
AARRE	13	5306	97	31	5300	100	4	5625	102	6	6058	94	5	4408	108
FREJA	7	5656	103	24	6103	109***	4	5968	108	4	6398	104	0	0	0
KATRI	16	5845	109***	34	5781	105***	4	5675	98	6	6452	102	4	5519	112**
KOLBU	14	5574	102	32	5628	106***	4	5883	106	6	6345	99	5	4778	117
LEILA	25	5179	97	53	5112	94***	6	5382	100	11	6030	96	7	5117	110*
LISBETH	11	3278	62***	31	3230	58***	4	3440	63**	7	3860	62***	2	2136	54
ROOPE	9	6154	113***	25	6144	110***	3	5927	109	5	6596	107*	3	4826	119
VIRVA	16	5443	105***	39	5600	102	6	5620	105	7	6464	102	3	5840	105
YTY	21	5355	103*	49	5688	104***	6	5600	104	11	6614	104	5	5365	102
SISKO	16	4981	97	30	5159	93***	3	4723	94	9	5989	97	4	5043	101
JO 1307	2	3207	63	6	3383	58***	1	3340	57	1	3430	59	0	0	0
BOR 1323	5	6783	113*	12	5998	106***	2	6070	103	3	6287	101	1	4879	106
BOR 1357	6	6421	105	12	5727	101	2	6130	104	1	5870	101	2	5114	127
BOR 87890	7	6242	107**	18	5683	104*	3	5990	110	2	6000	101	3	4845	132
BOR 88322	1	5268	119	4	6738	115*	1	6750	115	0	0	0	0	0	0
SW 18490	3	4974	88*	6	5140	88**	1	5460	93	1	5280	91	1	2096	61
SW 881330	6	6575	108*	12	5818	103	2	6005	101	1	6290	108	2	4397	110
SW 92190	4	6575	124	10	6476	114***	2	6450	109	1	6320	109	0	0	0

Kaura, 1989-1996, Viralliset kokeet: Luokiteltu vyöhykkeittäin  
Oats, *Avena sativa* L., 1989-1996, Official variety trials: Classification according to zones

Lajike Variety	Vyöhyke 1 kpl kg/ha sl		Vyöhyke 2 kpl kg/ha sl		Vyöhyke 3 kpl kg/ha sl		Vyöhyke 4 kpl kg/ha sl	
	Zone 1 trials kg/ha rel.	Zone 2 trials kg/ha rel.	Zone 3 trials kg/ha rel.	Zone 4 trials kg/ha rel.	Zone 1 trials kg/ha rel.	Zone 2 trials kg/ha rel.	Zone 3 trials kg/ha rel.	Zone 4 trials kg/ha rel.
	=C							
PUHTI	40 5267 100	25 5650 100	44 5414 100				2 5036 100	
VELJI	40 5021 95**	25 5438 96*	44 5376 99				2 5479 109	
SALO	40 5403 103	25 5850 104*	43 5391 99				0 0	
AARRE	19 5251 100	13 5441 97*	25 5302 99				2 5559 110	
FREJA	19 5713 109***	12 6215 110***	8 6550 101				0 0	
KATRI	24 5783 104**	16 5962 107***	24 5807 107**				0 0	
KOLBU	21 5541 105*	13 5879 105*	25 5563 104*				2 5887 117	
LEILA	38 5088 96	25 5380 95*	37 5307 96*				2 5327 106	
LISBEITH	22 3186 60***	12 3147 57***	19 3589 61***				2 2594 51	
ROOPE	14 5989 112***	11 6235 108**	20 6090 111***				0 0	
VIRMA	35 5435 103*	17 5860 105***	19 5903 101				0 0	
YTY	36 5461 103*	23 5952 105***	33 5784 104**				0 0	
SISKO	24 4835 93**	14 5720 96	24 5274 97				0 0	
JO 1307	3 3677 64*	3 3028 55*	4 3343 58**				0 0	
BOR 1323	7 5873 107**	7 6099 106*	9 6440 108*				0 0	
BOR 1357	7 5839 106	5 5410 98	9 6271 105*				2 5620 112	
BOR 87890	10 5712 108*	7 5683 106**	14 5792 105				2 6253 124	
BOR 88322	3 6600 115**	3 6389 116*	0 0				0 0	
SW 18490	3 5390 94	3 4589 83*	4 5193 90**				2 3947 78	
SW 881330	7 5780 105**	5 5798 105*	9 6220 104				2 5458 108	
SW 92190	7 6306 115***	5 6368 115	5 6860 117				0 0	

Kaura, 1992-1996, Viralliset kokeet: Luokittelu vuosittain  
Oats, *Avena sativa* L., 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Year 1992	Year 1993	Year 1994	Year 1995	Year 1996	Year 1997	Year 1998	Year 1999	Year 2000	Year 2001
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
=C										
PUHTI	13 4913 100	13 5706 100	11 4807 100	11 5736 100	12 5585 100					
VELI	13 4566 93**	13 5670 99	11 4787 100	11 5795 101	12 5612 100					
SALO	13 4784 97	13 5635 99	11 4933 103	11 5892 103	10 5407 95*					
AARRE	13 4559 93**	13 5892 103	11 4869 101	11 5663 99	11 5677 101					
FREJA	7 5571 111	7 6464 108*	9 5609 108*	9 6561 110**	7 5964 100					
KATRI	13 5221 106*	0 0	0 0	11 6216 108**	6 5563 100					
KOLBU	13 4960 101	13 6054 106*	11 5214 108*	11 6160 107**	11 5829 103					
LEILA	13 4437 90**	13 5442 95	6 4913 109*	9 5783 97	11 5502 98					
LISBETH	0 0	0 0	2 4445 70*	9 3238 59***	11 2971 53***					
ROOPE	1 6340 105	13 6377 112***	11 5188 108**	11 6563 114***	9 6192 107**					
VIRMA	8 5131 104	4 5577 105	3 5343 112	5 6710 103*	5 6000 104*					
YTY	13 5092 104*	13 5830 102	8 5220 104	5 6588 101	5 5984 104					
SISKO	1 5300 88	13 5481 96	7 4609 97	3 5740 99	1 5810 100					
JO 1307	0 0	0 0	0 0	0 0	10 3348 59***					
BOR 1323	1 6140 102	1 6740 100	0 0	11 6281 110**	10 5979 105**					
BOR 1357	0 0	0 0	0 0	11 6097 106*	12 5712 102					
BOR 87890	0 0	0 0	11 5233 109*	10 6095 105	12 5999 107*					
BOR 88322	0 0	0 0	0 0	0 0	6 6495 115***					
SW 18490	0 0	0 0	0 0	0 0	12 4883 87***					
SW 881330	0 0	0 0	0 0	11 6034 105*	12 5831 104*					
SW 92190	0 0	0 0	0 0	7 6820 124**	10 6254 110***					

Kaura, 1989-1996, Viralliset kokeet  
Oats, *Avena sativa* L., 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha	Lako- %	Kasvu- aika pv	Pituus cm	Tjpp g	Hlp kg	Valko- %	Valko- sato	Kuori- %	Ydin sato
Variety	Cultivation zone	Yield kg/ha	Lodging- %	Growing time d	Length cm	1000-grain weight g	HI weight kg	Prot.- %	Prot.- yield	Hull content %	Groat yield
	=C										
SALO	1-3	108	12	103	81	40.4	53.3	12.4	583	22.0	3671
VELI	1-3	108	11***	-7***	17***	-4.5***	1.3***	1.2***	30***	1.0***	-206***
PUHTI	1-3	108	14***	-2***	23***	-4.1***	-7**	.3***	8	-5.5**	-32
AARRE	1-3	57	7**	-8***	21***	-3.2***	.5	1.0***	42***	-.4*	12
FREJA	1-3	39	6**	0	12***	-2.1***	1.5***	-.8***	6	.6***	243***
KATRI	1-3	63	6*	-1***	14***	-4.4***	.2	.3*	38***	-.2	127***
KOLBU	1-3	59	6*	-6***	10***	-4.9***	-.9***	-.2	23**	1.4***	144***
LEILA	1-3	100	8**	-8***	4***	-2.3***	1.9***	1.2***	21*	1.9***	-285***
LISBETH	1-3	52	11***	-4***	15***	-11.6***	8.7***	4.8***	-109***	-16.4***	-1047***
ROOPE	1-3	45	5***	-3***	16***	-3.9***	-.6*	-.1	54***	.3	399***
VIRVA	1-3	71	7***	-1***	11***	-6.9***	.0	.5***	26***	-.1	15
YTY	1-3	92	16***	-3***	20***	-2.2***	-.2	.0	16	.8***	58
SISKO	1-3	62	8***	-7***	14***	-8.6***	-.4	.9***	-5	2.0***	-345***
JO 1307	1-3	10	6	-2	25***	-10.4***	8.1***	3.6***	-93***	-18.7***	-710***
BOR 1323	1-3	23	8	-3***	12***	-1.1*	.8**	-.5**	21*	1.9***	199***
BOR 1357	1-3	21	10	-7***	18***	-.6	.9	.9***	70***	-.7	212*
BOR 87890	1-3	31	-1	-5***	0	-5.6***	.5	-.4**	14	2.6***	86
BOR 88322	1-3	6	3	0	12***	-.7	-.1	-.8	69*	1.9*	589***
SW 18490	1-3	10	0	-5***	-7***	-5.4***	-.6	1.1**	16	1.5*	-214
SW 881330	1-3	21	-1	-4***	4***	-4.8***	.9**	.1	36**	3.1***	13
SW 92190	1-2	12	1*	1*	5***	2.2**	.6**	-1.2***	16	1.9***	471***



Kaura, 1989-1996, Viralliset kokeet: Luokittelu maalaajittain  
 Oats, *Avena sativa* L., 1989-1996, Official variety trials: Classification according to soil types

Lajike	Karkkeat kiv.maat		Savimaat		Liejusavi		Multamaat		Turvemaat	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Coarse mineral soils		Clay		Gytija-clay		Mould		Peat soil	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
=C	25	5403 100	58	5477 100	6	5470 100	12	6251 100	7	4802 100
SALO	25	5139 95**	58	5171 94***	6	5322 97	12	6115 98	7	5028 105
VELI	25	5258 97	58	5403 99	6	5375 98	12	6287 101	7	4822 100
PUHTI	12	5214 97	31	5300 100	4	5625 104	6	6058 98	4	4333 105
AARRE	7	5656 104	24	6103 109***	4	5968 110*	4	6398 109	0	0
FREJA	15	5920 105*	34	5781 103**	4	5675 99	6	6452 102	4	5519 111*
KAURI	13	5488 101	32	5628 106***	4	5883 109	6	6345 103	4	4702 113*
KOLBU	24	5135 94**	53	5112 92***	6	5382 98	11	6030 96	6	5232 109
LEILA	9	3263 60***	31	3230 57***	4	3440 62***	7	3860 61***	1	3000 67
LISBETH	9	6154 110***	25	6144 110***	3	5927 111*	5	6596 113*	3	4826 121
ROOPE	16	5443 102	39	5600 100	6	5620 103	7	6464 99	3	5840 103
VIRVA	21	5355 100	49	5688 102	6	5600 102	11	6614 105**	5	5365 106
YTY	16	4981 93***	30	5159 91***	3	4723 91	9	5989 98	4	5043 103
SISKO	2	3207 61	6	3383 63**	1	3340 60	1	3430 59	0	0
JO 1307	5	6783 108*	12	5998 109***	2	6070 109**	3	6287 107	1	4879 100
BOR 1323	5	6434 103	12	5727 104	2	6130 110	1	5870 102	1	5342 109
BOR 1357	6	6065 105	18	5683 105*	3	5990 113	2	6000 103*	2	4665 112
BOR 87890	1	5268 121	4	6738 121**	1	6750 122	0	0	0	0
BOR 88322	2	4563 87	6	5140 96	1	5460 99	1	5280 91	0	0
SW 18490	5	6448 103	12	5818 106*	2	6005 108	1	6290 109	1	5084 104
SW 881330	4	6575 116	10	6476 117***	2	6450 116	1	6320 109	0	0
SW 92190										

Kaura, 1989-1996, Viralliset kokeet: Luokittelu vyöhykkeittäin  
 Oats, *Avena sativa* L., 1989-1996, Official variety trials: Classification according to zones

Lajike Variety	Vyöhyke 1 kpl kg/ha sl trials kg/ha rel.		Vyöhyke 2 kpl kg/ha sl trials kg/ha rel.		Vyöhyke 3 kpl kg/ha sl trials kg/ha rel.		Vyöhyke 4 kpl kg/ha sl trials kg/ha rel.	
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 3	Zone 4	Zone 3	Zone 4
SALO	=C	40 5403 100	25 5850 100	43 5391 100	0 0			
VELJI		40 5021 93***	25 5438 93**	43 5398 100	0 0			
PUHTI		40 5267 97	25 5650 97*	43 5450 101	0 0			
AARRE		19 5251 99	13 5441 97	25 5302 102	0 0			
FREJA		19 5713 108**	12 6215 110**	8 6550 105*	0 0			
KATRI		24 5783 100	16 5962 104*	23 5855 107***	0 0			
KOLBU		21 5541 104*	13 5879 104*	25 5563 107***	0 0			
LEILA		38 5088 94***	25 5380 92***	37 5307 97	0 0			
LISBETH		22 3186 58***	12 3147 55***	18 3634 62***	0 0			
ROOPE		14 5989 109***	11 6235 108*	20 6090 114***	0 0			
VIRVA		35 5435 101	17 5860 100	19 5903 101	0 0			
YTY		36 5461 100	23 5952 102	33 5784 105***	0 0			
SISKO		24 4835 90***	14 5720 93**	24 5274 96	0 0			
JO 1307		3 3677 66*	3 3028 58*	4 3343 61**	0 0			
BOR 1323		7 5873 106*	7 6099 109**	9 6440 110***	0 0			
BOR 1357		7 5839 105	5 5410 100	9 6271 107*	0 0			
BOR 87890		10 5712 106*	7 5683 105	14 5792 106**	0 0			
BOR 88322		3 6600 119*	3 6389 123*	0 0	0 0			
SW 18490		3 5390 97	3 4589 88**	4 5193 95	0 0			
SW 881330		7 5780 104	5 5798 107	9 6220 106**	0 0			
SW 92190		7 6306 113***	5 6368 117**	5 6860 120**	0 0			

Kaura, 1992-1996, Viralliset kokeet: Luokittelu vuosittain  
Oats, *Avena sativa* L., 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
=C	13	4784 100	13	5635 100	11	4933 100	11	5892 100	10	5407 100
SALO	13	4566 95	13	5670 101	11	4787 97	11	5795 98	10	5639 104
VELI	13	4913 103	13	5706 101	11	4807 97	11	5736 97	10	5695 105*
PUHTI	13	4559 95	13	5892 105	11	4869 99	11	5663 96	9	5703 104
AARRE	7	5571 116***	7	6464 107	9	5609 106**	9	6561 107	7	5964 107*
FREJA										
KATRI	13	5221 109***	0	0	0	0	11	6216 106*	6	5563 105
KOLBU	13	4960 104	13	6054 107**	11	5214 106*	11	6160 105	9	5816 106*
LEILA	13	4437 93*	13	5442 97	6	4913 102	9	5783 94*	9	5541 101
LISBETH	0	0	0	0	2	4445 73**	9	3238 57***	9	3055 56***
ROOPE	1	6340 111	13	6377 113***	11	5188 105	11	6563 111***	9	6192 113***
VIRVA	8	5131 107	4	5577 101	3	5343 107	5	6710 103	5	6000 109*
YTY	13	5092 106**	13	5830 103	8	5220 101	5	6588 101	5	5984 109*
SISKO	1	5300 93	13	5481 97	7	4609 95	3	5740 97	1	5810 95
JO 1307	0	0	0	0	0	0	0	0	10	3348 62***
BOR 1323	1	6140 108	1	6740 108	0	0	11	6281 107**	10	5979 111***
BOR 1357	0	0	0	0	0	0	11	6097 103	10	5730 106
BOR 87890	0	0	0	0	11	5233 106*	10	6095 103	10	5948 110***
BOR 88322	0	0	0	0	0	0	0	0	6	6495 121***
SW 18490	0	0	0	0	0	0	0	0	10	5071 94*
SW 881330	0	0	0	0	0	0	11	6034 102	10	5906 109***
SW 92190	0	0	0	0	0	0	7	6820 118**	10	6254 116***

Herne, 1989-1996, Viralliset kokeet  
Pea, *Pisum sativum* L., 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha sl	Kasvu- aika	Pituus cm	Lako- % Kukinnan kesto	Tsp g	Valk.- %	Keitto 60 min.	Virheetön herne-%
Variety	Cultivation zone	Yield kg/ha rel.	Growing time d	Length cm	Lodging- % Strength of flowering d	Strength of 1000 seed weight g	Prot.- %	Cooking 60 min.	Perfect pea %
PIKA	1-2	43 2821 100	91	42	22	14 224	21.1	91	88.9
TIINA	1-2	42 3598 125***	4***	13***	17***	1*	-1	0	-6
ALFETTA	1-2	15 4012 131***	7***	5**	-6	80***	-2.1***	-7	-6.1
CARNEVAL	1-2	5 3364 139*	7**	37***	-13	11	-1.2*	-3	-3.6
HOVI	1-2	33 3348 112**	5***	6***	15**	-1	-30***	-11*	-3.5*
JULIA	1-2	18 4082 145***	6***	14***	15	0	-0.3	-23**	.3
KARITA	1-2	22 3492 122***	5***	16***	-14*	4***	59***	-2	.6
PANU	1-2	29 3298 109**	5***	9***	17***	1*	-2	-11**	-7
SAARA	1-2	31 3506 126***	8***	16***	14**	3***	1	-10**	-3
SCORPIO	1-2	35 3999 136***	4***	9***	22***	-2***	48***	-10*	-5.5***
SOHVI	1-2	26 3570 121**	8***	14***	36***	1	1	-9*	-5.4*
SOLARA	1-2	34 3621 127***	8***	2	4	-1**	88***	-7**	-3.9**
SUNNA	1-2	27 3152 106*	-2***	4***	13***	0	11***	-13*	1.0
BOR 1162	1-2	10 2690 109	1	4	20*	0	24***	-9	-1.7
BOR 1164	1-2	15 3251 118*	8***	19***	16*	0	18**	-6	2.0
BOR 57319	1-2	15 3653 132***	6***	14***	-3	2	-13**	-29*	.8

Herne, 1989-1996, Viralliset kokeet: Luokittelu maalaajeittain  
 Pea, *Pisum sativum* L., 1989-1996, Official variety trials: Classification according to soil types

Lajike	Karkeat kiv.maat kpl kg/ha sl	Savet ja hiesut kpl kg/ha sl
Variety	Coarse mineral soils trials kg/ha rel.	Clay and silt trials kg/ha rel.
PIKA	5 3492 100	38 2733 100
TIINA	5 3924 112	37 3554 128***
ALFETTA	3 4900 152	12 3790 125**
CARNEVAL	0 0	5 3364 139*
HOVI	4 3425 97	29 3337 115***
JULIA	2 5355 145	16 3923 145***
KARITA	3 4590 121	19 3318 122***
PANU	4 3335 94	25 3292 112***
SAARA	4 3953 111	27 3440 129***
SCORPIO	4 4365 123	31 3951 139***
SOHVI	4 2783 79**	22 3713 131***
SOLARA	4 4168 118	30 3548 129***
SUNNA	4 3630 102	23 3068 107*
BOR 1162	1 4030 121	9 2541 107
BOR 1164	2 4270 125	13 3095 116*
BOR 57319	2 4460 130	13 3529 133**

Herne, 1989-1996, Viralliset kokeet: Luokittelu vyöhykkeittäin  
 Pea, *Pisum sativum* L., 1989-1996, Official variety trials: Classification according to zones

Lajike Variety	Vyöhyke 1 kg/ha sl		Vyöhyke 2 kg/ha sl	
	Zone 1 trials kg/ha	rel.	Zone 2 trials kg/ha	rel.
PIKA	32 2734	100	11 3074	100
TIINA	31 3625	130***	11 3522	115*
ALFETTA	10 4290	135**	5 3458	121*
CARNEVAL	3 2763	123	2 4265	159*
HOVI	25 3396	117***	8 3198	99
JULIA	14 3948	152***	4 4550	128*
KARITA	14 3699	125***	8 3130	115*
PANU	22 3235	112**	7 3496	101
SAARA	22 3625	130***	9 3214	116*
SCORPIO	26 4028	140***	9 3914	127**
SOHVI	18 3688	122**	8 3303	120
SOLARA	26 3675	132***	8 3443	112
SUNNA	18 3302	107*	9 2851	103
BOR 1162	6 2895	114	4 2383	100
BOR 1164	9 3504	126*	6 2873	105
BOR 57319	9 3868	139**	6 3330	122*

Herne, 1992-1996, Viralliset kokeet: Luokittelu vuosittain  
 Pea, *Pisum sativum* L., 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
=C	6	2331 100	4	3479 100	6	3510 100	5	2533 100	5	2422 100
PIKA	5	3373 127*	4	4077 117**	6	3541 101	5	3022 119	5	3046 126*
TIINA	0	0	4	4728 136*	5	3698 111	5	3461 137	0	0
ALFETTA	0	0	0	0	0	0	0	0	5	3364 139*
CARNEVAL	5	3301 125	4	4013 115	5	3282 89	2	2585 101	0	0
HOVI										
JULLIA	5	3129 156*	3	4211 133*	0	0	1	4800 134	1	5520 136
KARITA	5	3742 144**	3	3648 116	5	3412 102	5	3285 130	4	3420 120
PANU	4	2838 99	4	3715 107	4	3479 94	0	0	0	0
SAARA	6	3330 143**	4	4364 125*	5	3394 102	5	3240 128*	4	2973 105
SCORPIO	6	3440 148***	4	4229 122	5	3479 104	4	4013 159*	2	3730 123
SOHVI	5	3601 136	4	3944 113	4	3284 93	2	3830 150	1	3290 165
SOLARA	6	3137 135**	4	4371 126*	5	3464 104	1	1490 96	1	1860 93
SUNNA	6	2723 117*	4	3584 103	6	3281 93	4	2645 95	4	3360 118
BOR 1162	0	0	0	0	0	0	5	2702 107	5	2678 111
BOR 1164	0	0	0	0	5	3200 96	5	3611 143*	5	2944 122
BOR 57319	0	0	0	0	5	3742 112*	5	3951 156*	5	3266 135*

Herne, 1989-1996, Viralliset kokeet  
Pea, *Pisum sativum* L., 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Vijely- vyöhyke	Sato kg/ha sl	Kasvu- aika	Pituus cm	Lako- %	Kukinnan kesto	Tsp g	Valk- %	Keitto 60 min.	Virheetön herne-%
Variety	Cultivation zone	Yield kg/ha rel.	Growing time d	Length cm	Lodging- %	Strength of flowering d	1000 seed weight g	Prot.- %	Cooking 60 min.	Perfect pea %
TIINA	1-2	42 3598 100	95	56	39	15	223	20.1	91	88.3
PIKA	1-2	42 2871 80***	-4***	-13***	-17***	-1*	1	.9***	0	.6
ALFETTA	1-2	15 4012 117**	2	-6***	-23***	-3**	82***	-1.2***	-6*	-7.4*
CARNEVAL	1-2	5 3364 110	3*	16**	-39*	-2	10	-.8	-3	-1.0
HOVI	1-2	33 3348 89***	1	-6***	-1	-2***	-28***	.0	-11**	-2.2*
JULIA	1-2	17 4239 114***	2**	2	3	-1	6*	.5	-19**	.3
KARITA	1-2	21 3579 103	0	3**	-30***	-4***	61***	-.6**	-1	-.3
PANU	1-2	29 3298 86***	1	-4**	0	0	-1	-.2	-10*	.7
SAARA	1-2	30 3576 103	3***	4***	-1	2***	4	.1	-8***	-.6
SCORPIO	1-2	34 4066 109***	-1	-3*	6	-3***	51***	-.2	-9*	-5.1***
SOHVI	1-2	26 3570 102	3***	2	18**	1	2	2.2***	-10*	-4.7**
SOLARA	1-2	33 3689 101	4***	-11***	-11**	-2***	88***	.6**	-7**	-2.8*
SUNNA	1-2	26 3243 90***	-6***	-9***	-6	-1	14**	-.1	-14*	.6
BOR 1162	1-2	10 2690 89	-4**	-12***	-2	-1	27***	-.1	-5	-2.9
BOR 1164	1-2	15 3251 104	3***	5**	-2	-1	20***	1.8***	-6*	2.0
BOR 57319	1-2	15 3653 116**	1**	0	-21***	1	-10**	-.3	-30*	.7



Herne, 1989-1996, Viralliset kokeet: Luokittelu maalaajeittain  
 Pea, *Pisum sativum* L., 1989-1996, Official variety trials: Classification according to soil types

Lajike	Korkeat kiv.maat		Savet ja hiesut	
	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Coarse mineral soils		Clay and silt	
	trials	kg/ha rel.	trials	kg/ha rel.
TIINA	5	3924 100	37	3554 100
PIKA	5	3492 89	37	2787 78***
ALFETTA	3	4900 132	12	3790 113*
CARNEVAL	0	0	5	3364 110
HOVI	4	3425 91	29	3337 89***
JULIA	2	5355 132	15	4090 112**
KARITA	3	4590 109	18	3411 102
PANU	4	3335 88*	25	3292 86***
SAARA	4	3953 99	26	3519 104
SCOREPIO	4	4365 109	30	4026 109**
SOHVI	4	2783 74*	22	3713 107
SOLARA	4	4168 110	29	3623 100
SUNNA	4	3630 91	22	3173 90***
BOR 1162	1	4030 89	9	2541 89
BOR 1164	2	4270 109	13	3095 102
BOR 57319	2	4460 114	13	3529 117*

Herne, 1989-1996, Viralliset kokeet: Luokittelu vyöhykkeittäin  
 Pea, *Pisum sativum* L., 1989-1996, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1		Vyöhyke 2	
	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Zone 1		Zone 2	
	trials	kg/ha rel.	trials	kg/ha rel.
TIINA	31	3625 100	11	3522 100
PIKA	31	2799 77***	11	3074 87*
ALFETTA	10	4290 115*	5	3458 122
CARNEVAL	3	2763 98	2	4265 127*
HOVI	25	3396 90***	8	3198 88
JULIA	13	4143 116**	4	4550 110
KARJITA	13	3855 102	8	3130 106
PANU	22	3235 86***	7	3496 87*
SAARA	21	3732 103	9	3214 105
SCORPIO	25	4121 108**	9	3914 111
SOHVI	18	3688 101	8	3303 104
SOLARA	25	3768 102	8	3443 99
SUNNA	17	3451 89**	9	2851 93
BOR 1162	6	2895 89*	4	2383 89
BOR 1164	9	3504 106	6	2873 100
BOR 57319	9	3868 117*	6	3330 115

Herne, 1992-1996, Viralliset kokeet: Luokittelu vuosittain  
 Pea, *Pisum sativum* L., 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
=C										
TIINA	5	3373 100	4	4077 100	6	3541 100	5	3022 100	5	3046 100
PIKA	5	2651 79*	4	3479 85**	6	3510 99	5	2533 84	5	2422 80*
ALFEITA	0	0	4	4728 116*	5	3698 110	5	3461 115	0	0
CARNEVAL	0	0	0	0	0	0	0	0	5	3364 110
HOVI	5	3301 98	4	4013 98	5	3282 90	2	2585 88	0	0
JULIA	4	3559 118	3	4211 113**	0	0	1	4800 100	1	5520 131
KARITA	4	4263 111	3	3648 97	5	3412 102	5	3285 109	4	3420 96
PANU	4	2838 83*	4	3715 91*	4	3479 97	0	0	0	0
SAARA	5	3718 110**	4	4364 107	5	3394 101	5	3240 107	4	2973 83*
SCORPIO	5	3786 112**	4	4229 104	5	3479 104	4	4013 132*	2	3730 108
SOHVI	5	3601 107	4	3944 97	4	3284 95	2	3830 130	1	3290 123
SOLARA	5	3490 103	4	4371 107	5	3464 103	1	1490 141	1	1860 70
SUNNA	5	3114 92	4	3584 88*	6	3281 93	4	2645 79	4	3360 94
BOR 1162	0	0	0	0	0	0	5	2702 89	5	2678 88*
BOR 1164	0	0	0	0	5	3200 96	5	3611 119	5	2944 97
BOR 57319	0	0	0	0	5	3742 112*	5	3951 131	5	3266 107

Härkäpapu, 1995-1996, Viralliset kokeet  
Broad bean, *Vicia faba* L., 1995-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Sato kpl kg/ha sl	Kasvu- aika	Pituus cm	Lako- %	Kukinnan kesto	Tsp g	Valk- %	Valk.sato kg/ha
Variety	Yield kg/ha rel.	Growing time d	Length cm	Lodging- %	Strength of flowering d	1000 seed weight g	Prot.- %	Prot.yield kg/ha
HJAN UKKO	=C	113	80	14	24	336	29.9	789
KONTU	6 3770 111*	1	4	1	0	5	- .8	100

Luokittelu maalajeittain, Classification according to soil types

Lajike	Karkeat kiv.maat kpl kg/ha sl	Savet ja hiesut kpl kg/ha sl
Variety	Coarse mineral soils kg/ha rel.	Clay and silt kg/ha rel.
HJAN UKKO	1 4600 100	5 3144 100
KONTU	1 4930 107	5 3538 113*

Härkäpapu, 1995-1996, Viralliset kokeet: Luokittelu vuosittain  
 Broad bean, *Vicia faba* L., 1995-1996, Official variety trials: Classification according to years

Lajike	V 1995		V 1996	
	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Year 1995		Year 1996	
	trials	kg/ha rel.	trials	kg/ha rel.
HJAN UKKO =C	3	3 057 100	3	3 717 100
KONTU	3	3 487 114*	3	4 053 109

Kevättrypsi, 1989-1996, Viralliset kokeet

Spring turnip rape, *Brassica rapa* L. v. *oleifera* subv. *annua*, 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha sl	Kasvu- aika pv	Lako- %	Pituus cm	Valk.- %	Valk.sato kg/ha	Öljy- %	Öljysato kg/ha	Lehtivihreä ppm
Variety	Cultivation zone	Yield kg/ha rel.	Growing time d	Lodging- %	Length cm	Prot.- %	Prot.yield kg/ha	Oil content %	Oil yield kg/ha	Chlorophyll
	=C									
KULITA	1-3	62	107	24	95	21.4	459	46.1	982	10
VALO	1-3	27	2290	-2	2	.0	20*	-2	42*	-2
KOVA	1-3	62	2204	-2*	1	.2*	-21***	-7**	-65***	1
SISU	1-3	55	2369	-2	4***	-2	3	-5	7	0
BOR 4101	1-3	13	2274	4	1	-1	39**	-1.1	93**	-5
BOR 4139	1-3	6	2217	5	3	.0	32	.0	66	-13
BOR 4189	1-3	6	2258	4	7	.0	39*	.5	96**	-5
BOR 4199	1-3	6	2280	10*	12*	.4	50*	.0	91	-12
SW 03129	1-3	19	2213	-1	-2	.1	20**	.5	44*	-7
SW 03149	1-3	6	2307	-3	7	-2	44*	1.4**	138***	-9
SW 03150	1-3	6	2340	-1	12*	.0	55**	.1	117	-13
MDA 3091	1-3	13	2075	5	-2	-2	0	.3	14	-8
MDA 1401	1-3	6	2093	13**	-4	.7	22	-1.8	-25	-15

Kevätrypsi, 1989-1996, Viralliset kokeet: Luokittelu maalaajeittain  
 Spring turnip rape, *Brassica rapa* L. v. *oleifera* subv. *annua*, 1989-1996, Official variety trials: Classification according to soil types

Lajike	Karkeat kiv.maat kpl kg/ha sl	Savimaat kpl kg/ha sl	Eloperäiset maat kpl kg/ha sl
Variety	Coarse mineral soils trials kg/ha rel.	Clay trials kg/ha rel.	Organic soils trials kg/ha rel.
KULLTA	18 2294 100	43 2333 100	1 2820 100
VALO	3 2480 108	24 2266 105*	0 0
KOVA	18 2199 96*	43 2203 94***	1 2340 83
SISU	12 2372 102	42 2360 102	1 2700 96
BOR 4101	2 2515 106	11 2230 112**	0 0
BOR 4139	1 2860 100	5 2088 110*	0 0
BOR 4189	1 3030 106	5 2104 111**	0 0
BOR 4199	1 2930 103	5 2150 113	0 0
SW 03129	2 2395 101	17 2192 104*	0 0
SW 03149	1 3100 109	5 2148 113*	0 0
SW 03150	1 2970 104	5 2214 117*	0 0
MDA 3091	2 2415 101	11 2013 101	0 0
MDA 1401	1 2760 97	5 1960 103	0 0

Kevätrypsi, 1989-1996, Viralliset kokeet: Luokiteltu vyöhykkeittäin  
 Spring turnip rape, *Brassica rapa* L. v. *oleifera* subv. *annua*, 1989-1996, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1		Vyöhyke 2		Vyöhyke 3	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
	Zone 1		Zone 2		Zone 3	
Variety	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
KULITA	29	2426 100	19	2453 100	14	1963 100
VALO	12	2336 99	7	2514 108*	8	2024 113*
KOVA	29	2245 93***	19	2325 95*	14	1954 100
SISU	26	2415 100	17	2530 102	12	2040 105
BOR 4101	5	2267 108	4	2533 104	4	2025 124**
BOR 4139	2	2120 107	2	2720 103	2	1810 117
BOR 4189	2	2120 107	2	2890 110	2	1765 114*
BOR 4199	2	2150 108	2	2765 105	2	1925 124
SW 03129	8	2232 103	5	2472 101	6	1972 109
SW 03149	2	2105 106	2	2910 111	2	1905 123*
SW 03150	2	2200 111	2	2830 108	2	1990 128
MDA 3091	5	2050 98	4	2450 100	4	1730 106*
MDA 1401	2	2025 102	2	2620 100	2	1635 105



Kevätrypsi, 1992-1996, Viralliset kokeet: Luokittelu vuosittain  
 Spring turnip rape, *Brassica rapa* L. v. *oleifera* subv. *annua*, 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
	=C	7 2353 100	8 2289 100	6 2295 100	7 2057 100	6 2057 100	6 2057 100	6 2057 100	6 2057 100	6 2057 100
KULTA		0 0	8 2329 102	6 2350 102	7 2195 107	7 2195 107	6 2287 111*	6 2287 111*	6 2287 111*	6 2287 111*
VALO		7 2216 94**	8 2072 91*	6 2128 93*	7 2120 103	7 2120 103	6 2175 106	6 2175 106	6 2175 106	6 2175 106
KOVA		7 2329 99	8 2180 95	6 2192 95**	7 2226 108*	7 2226 108*	6 2415 117**	6 2415 117**	6 2415 117**	6 2415 117**
SISU		0 .0	0 0	0 0	7 2238 109	7 2238 109	6 2317 113*	6 2317 113*	6 2317 113*	6 2317 113*
BOR 4101										
BOR 4139		0 0	0 0	0 0	0 0	0 0	6 2217 108*	6 2217 108*	6 2217 108*	6 2217 108*
BOR 4189		0 0	0 0	0 0	0 0	0 0	6 2258 110**	6 2258 110**	6 2258 110**	6 2258 110**
BOR 4199		0 0	0 0	0 0	0 0	0 0	6 2280 111*	6 2280 111*	6 2280 111*	6 2280 111*
SW 03129		0 0	0 0	6 2287 100	7 2177 106	7 2177 106	6 2182 106	6 2182 106	6 2182 106	6 2182 106
SW 03149		0 0	0 0	0 0	0 0	0 0	6 2307 112**	6 2307 112**	6 2307 112**	6 2307 112**
SW 03150		0 0	0 0	0 0	0 0	0 0	6 2340 114**	6 2340 114**	6 2340 114**	6 2340 114**
MDA 3091		0 0	0 0	0 0	7 2043 99	7 2043 99	6 2112 103	6 2112 103	6 2112 103	6 2112 103
MDA 1401		0 0	0 0	0 0	0 0	0 0	6 2093 102	6 2093 102	6 2093 102	6 2093 102

Kevätrypsi, 1989-1996, Viralliset kokeet

Spring turnip rape, *Brassica rapa* L. v. *oleifera* subv. *annua*, 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha sl	Kasvu- aika pv	Lako- %	Pituus cm	Valk.- %	Valk.sato kg/ha	Öljy- %	Öljysato kg/ha	Lehtivihreä ppm
Variety	Cultivation zone	Yield kg/ha rel.	Growing time d	Lodging- %	Length cm	Prot.- %	Prot.yield kg/ha	Oil content %	Oil yield kg/ha	Chlorophyll
VALO	=C	27 2290 100	109	25	104	20.9	442	47.1	990	12
KULTA	1-3	27 2178 95**	0	2	-2	.0	-20*	.2	-42*	2
KOVA	1-3	27 2120 93***	1**	-1	-1	.4***	-24***	-.7	-83***	2**
SISU	1-3	27 2247 98	2***	-1	4**	-.2	-11	-1.0	-32	0
BOR 4101	1-3	13 2274 102	0	2	-1	-.2	2	.1	19	0
BOR 4139	1-3	6 2217 97	-1	2	-1	-.4	-22	.2	-29	-3
BOR 4189	1-3	6 2258 99	-1	0	3	-.4*	-15	.7	1	6
BOR 4199	1-3	6 2280 100	1	7	8*	.0	-4	.1	-4	-1
SW 03129	1-3	19 2213 97	0	-2	-3*	.1	-9	.7**	-14	-3*
SW 03149	1-3	6 2307 101	2*	-6	3	-.6**	-10	1.5*	42	1
SW 03150	1-3	6 2340 102	1	-5*	9**	-.4	1	.3	21	-2
MDA 3091	1-3	13 2075 93**	1	3	-5**	-.3	-37**	.5	-60**	-3*
MDA 1401	1-3	6 2093 92	-2	9*	-7**	.3*	-32	-1.6	-120	-5*

Kevätrypsi, 1989-1996, Viralliset kokeet: Luokittelu maalaajeittain  
 Spring turnip rape, *Brassica rapa* L. v. *oleifera* subv. *annua*, 1989-1996, Official variety trials: Classification according to soil types

Lajike	Kärkeat kiv.maant		Savimaat		Eloperäiset maant	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Coarse mineral soils		Clay		Organic soils	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
VALO	3	2480 100	24	2266 100	0	0
KULTTA	3	2297 93	24	2164 95*	0	0
KOVA	3	2303 93	24	2097 93***	0	0
SISU	3	2427 98	24	2224 98	0	0
BOR 4101	2	2515 97	11	2230 103	0	0
BOR 4139	1	2860 88	5	2088 100	0	0
BOR 4189	1	3030 93	5	2104 100	0	0
BOR 4199	1	2930 90	5	2150 103	0	0
SW 03129	2	2395 92	17	2192 98	0	0
SW 03149	1	3100 95	5	2148 103	0	0
SW 03150	1	2970 91	5	2214 106*	0	0
MDA 3091	2	2415 93	11	2013 93**	0	0
MDA 1401	1	2760 85	5	1960 94	0	0

Kevätrypsi, 1989-1996, Viralliset kokeet: Luokittelu vyöhykkeittäin  
Spring turnip rape, *Brassica rapa* L. v. *oleifera* subv. *annua*, 1989-1996, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1		Vyöhyke 2		Vyöhyke 3	
	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha
Variety	Zone 1		Zone 2		Zone 3	
	trials	kg/ha	trials	kg/ha	trials	kg/ha
VALO	12	2336	7	2514	8	2024
KULTA	12	2351	7	2330	8	1788
KOVA	12	2179	7	2270	8	1900
SISU	12	2314	7	2460	8	1960
BOR 4101	5	2267	4	2533	4	2025
BOR 4139	2	2120	2	2720	2	1810
BOR 4189	2	2120	2	2890	2	1765
BOR 4199	2	2150	2	2765	2	1925
SW 03129	8	2232	5	2472	6	1972
SW 03149	2	2105	2	2910	2	1905
SW 03150	2	2200	2	2830	2	1990
MDA 3091	5	2050	4	2450	4	1730
MDA 1401	2	2025	2	2620	2	1635

Kevätrypsi, 1992-1996, Viralliset kokeet: Luokiteltu vuosittain  
 Spring turnip rape, *Brassica rapa* L. v. *oleifera* subv. *annua*, 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
=C	0	0	8	2329 100	6	2350 100	7	2195 100	6	2287 100
VALO	0	0	8	2289 98	6	2295 98	7	2057 94	6	2057 90*
KULITA	0	0	8	2072 89***	6	2128 91**	7	2120 97	6	2175 95
KOVA	0	0	8	2180 94**	6	2192 93**	7	2226 101	6	2415 106*
SISU	0	0	0	0	0	0	7	2238 102	6	2317 101
BOR 4101	0	0	0	0	0	0	0	0	6	2217 97
BOR 4139	0	0	0	0	0	0	0	0	6	2258 99
BOR 4189	0	0	0	0	0	0	0	0	6	2280 100
BOR 4199	0	0	0	0	0	0	0	0	6	2182 95
SW 03129	0	0	0	0	6	2287 97	7	2177 99	6	2307 101
SW 03149	0	0	0	0	0	0	0	0	6	2340 102
SW 03150	0	0	0	0	0	0	0	0	6	2112 92*
MDA 3091	0	0	0	0	0	0	7	2043 93	6	2093 92
MDA 1401	0	0	0	0	0	0	0	0	6	2093 92

Kevätrapsi, 1989-1996, Viralliset kokeet  
 Spring rape, *Brassica napus* L. v. *oleifera* subv. *annua*, 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Vijely- vyöhyke	Sato kg/ha sl	Kasvu- aika pv	Lako- %	Pituus cm	Valk.- %	Valk.sato kg/ha	Öljy- %	Öljysato kg/ha	Lehtivihrcä ppm
Variety	Cultivation zone	Yield kg/ha rel.	Growing time d	Lodging- %	Length cm	Prot.- %	Prot.yield kg/ha	Oil content %	Oil yield kg/ha	Chlorophyll ppm
KUNTO	=C	27 2193 100	119	16	85	23.7	471	45.8	908	41
BULLET	1-1	16 2266 105	-1	10**	4**	-1.4***	-6	1.3**	71*	18
EBONY	1-1	8 1992 103	5**	-1	6***	-1.3*	-6	2.0*	60	19
TOPAS	1-1	22 1999 91***	1*	-1	0	-.7**	-56***	1.2***	-52*	33***
BALANS	1-1	16 2328 103	-2	12***	4***	-1.7***	-17	1.5***	66*	23
CYCLONE	1-1	6 1747 94	1	2	6***	.4	-21	.4	-40	15
HYOLA	1-1	16 2468 114**	-4***	17**	-5*	-1.6***	27	-.3	123**	0
BOR 84955	1-1	8 1916 99	2	2	1	-1.7**	-32	.8	6	15

Kevätropsi, 1989-1996, Viralliset kokeet: Luokittelu maalaajeittain  
 Spring rape, *Brassica napus* L. v. *oleifera* subv. *annua*, 1989-1996, Official variety trials: Classification according to soil types

Lajike Variety	Korkeat kiv-maat kpl kg/ha sl		Savimaat kpl kg/ha sl		Eioperäiset maat kpl kg/ha sl	
	Coarse mineral soils trials kg/ha rel.	Clay trials kg/ha rel.	Organic soils trials kg/ha rel.	Coarse mineral soils trials kg/ha rel.	Clay trials kg/ha rel.	Organic soils trials kg/ha rel.
	=C					
KUNTO	6 2003 100	26 2295 100	0 0			
BULLET	3 1490 95	16 2448 107**	0 0			
EBONY	2 1465 94	9 2272 107	0 0			
TOPAS	5 1678 81**	20 2116 93**	0 0			
BALANS	3 1980 94	14 2425 105*	0 0			
CYCLONE	2 1535 98	6 1817 91	0 0			
HYOLA	3 1613 102	16 2595 113**	0 0			
BOR 84955	2 1410 90*	9 2174 102	0 0			

Kevätropsi, 1989-1996, Viralliset kokeet: Luokittelu vyöhykkeittäin  
 Spring rape, *Brassica napus* L. v. *oleifera* subv. *annua*, 1989-1996, Official variety trials: Classification according to zones

Lajike Variety	Vyöhyke 1		Vyöhyke 2	
	kpl	kg/ha sl	kpl	kg/ha sl
	Zone 1		Zone 2	
	trials	kg/ha rel.	trials	kg/ha rel.
KUNTO	27	2193 100	5	2496 100
BULJET	16	2266 105	3	2463 108
EBONY	8	1992 103	3	2480 108
TOPAS	22	1999 91***	3	2247 88
BALANS	16	2328 103	1	2630 104
CYCLONE	6	1747 94	2	1745 87
HYOLA	16	2468 114**	3	2290 100
BOR 84955	8	1916 99	3	2353 103



Kevätropsi, 1992-1996, Viralliset kokeet: Luokittelu vuosittain  
 Spring rape, *Brassica napus* L. v. *oleifera* subv. *annua*, 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Year 1992	Year 1993	Year 1994	Year 1995	Year 1996	Year 1996	Year 1996	Year 1996	Year 1996	Year 1996
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
=C	4	2101 100	4	2676 100	4	1643 100	4	2133 100	3	2407 100
KUNTO	4	2322 111	4	2885 108	4	1553 95	4	2218 104	3	2577 107
BULLET	0	0	0	0	4	1688 103	4	2226 104	3	2573 107
EBONY	4	1866 89	4	2776 104	4	1270 77	0	0	0	0
TOPAS	4	2145 102	4	2928 109	1	1290 94	0	0	0	0
BALANS	0	0	0	0	4	1293 79	4	2201 103	0	0
CYCLONE	4	2320 110	4	3248 121	4	1688 103	4	2358 111	3	2637 110
HYOLA	0	0	0	0	4	1628 99	4	2151 101	3	2423 101
BOR 84955										

Öljypellava, 1996, Viralliset kokeet  
 Linseed, *Linum usitatissimum* L, 1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Sato kpl kg/ha sl	Kasvu- aika pv	Lako- %	Pituus cm	Valk.- %	Valk.sato kg/ha	Öljy- %	Öljysato kg/ha
Variety	Yield kg/ha rel.	Growing time d	Lodging- %	Length cm	Prot.- %	Prot.yield kg/ha	Oil content %	Oil yield kg/ha
HELMI	=C	117	12	74	18.8	298	40.4	639
JO 13		-2	9	-6***	-1.1	-1	1.1***	17

Luokittelu maalaajeittain, Classification according to soil types

Lajike	Karkeat kiv.maat kpl kg/ha sl	Savimaat kpl kg/ha sl	Eloperäiset maat kpl kg/ha sl
Variety	Coarse mineral soils kg/ha rel.	Clay kg/ha rel.	Organic soils kg/ha rel.
HELMI	=C	3 1694 100	0 0
JO 13		3 1691 100	0 0

Öljypellava, 1989-1996, Viralliset kokeet: Luokittelu vyöhykkeittäin  
 Linseed, *Linum usitatissimum* L., 1989-1996, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1		Vyöhyke 2		Vyöhyke 3	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Zone 1		Zone 2		Zone 3	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
HELMI	=C	1 1480 100	2 1716 100	1 2020 100		
JO 13		1 1600 108	2 1677 98	1 1990 99		

Kuitupellava, 1989-1996, Viralliset kokeet  
 Flax, *Linum usitatissimum* L., 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Kuitusato kpl kg/ha sl	Varsisato kg/ha	Kasvu- aika pv	Tekninen tuleent. pv	Pituus cm	Tekninen pituus cm	Lako- %	Kukinnan alku pv	Kukinnan kesto pv
Variety	Scutched fibre kg/ha rel.	Straw yield kg/ha	Growing time d	Technical ripeness d	Height cm	Technical length cm	Lodging %	Beginning of flowering d	Duration at flowering d
=C	4 795 100	5183	121	95	84	69	37	51	25
MARTTA	4 1558 196*	2285*	4	2	14*	13	-31	5*	-2
LAURA									

Varhaisperuna, 1989-1996, Viralliset kokeet, 1. nosto  
 Early potato, *Solanum tuberosum* L., 1989-1996, Official variety trials, 1st lifting

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike Variety	=C	Viljely- vyöhyke		Sato	Tärkk. %	Lajittelu	
		kpl Cultivation zone	trials	m/ha Yield m/ha		sl rel.	>30 mm
HJAN TIMO		1-5	25	16.1	10.4	80	20
ADORA		1-4	9	15.7	-.9*	-2	2
AMAZONE		1-5	15	14.1	1.8***	-21***	21***
FAMBO		1-5	9	14.0	.3	-3	3
GLORIA		1-5	13	13.9	.5*	-13**	13**
OSTARA		1-5	18	15.4	-.1	1	-1
ROCKET		1-5	9	15.4	-.8***	5*	-5*
UKAWA		1-5	6	11.4	-.2	-15	15
VELOX		1-5	2	8.9	-.2	-7	7

Varhaisperuna, 1989-1996, Viralliset kokeet: Luokittelu vyöhykkeittäin, 1. nosto  
 Early potato, *Solanum tuberosum* L., 1989-1996, Official variety trials: Classification according to zones, 1st lifting

Lajike Variety	Vyöhyke 1-2		Vyöhyke 3	
	kpl tn/ha	sl rel.	kpl tn/ha	sl rel.
	Zone 1-2		Zone 3	
	trials	tn/ha rel.	trials	tn/ha rel.
HJAN TIMO	16	20.2 100	9	8.7 100
ADORA	6	17.8 105	3	11.5 91**
AMAZONE	10	16.9 85*	5	8.6 96
FAMBO	6	17.3 102	3	7.2 80
GLORIA	8	16.7 92	5	9.5 86
OSTARA	12	19.7 95	6	6.8 101
ROCKET	6	18.0 106	3	10.2 94
UKAMA	4	13.4 92	2	7.4 67
VELOX	1	11.9 93	1	5.8 91

Varthaisperuna, 1989-1996, Viralliset kokeet, 2. nosto  
 Early potato, *Solanum tuberosum* L., 1989-1996, Official variety trials, 2nd lifting

Potikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike Variety	Vijjely- vyöhyke Cultivation zone	Sato tn/ha Yield tn/ha	Tärkk. % Starch %	Lajittelu			
				>70 mm	70-55 mm	<35 mm	
	trials	rel.	%	70-55 mm	55-35 mm	<35 mm	
HJAN TIMO	=C	24 27.4 100	12.4	1	16	71	13
AMAZONE	1-5	15 22.6 86***	2.1***	-1	-15***	-7	22***
ADORA	1-4	8 27.5 111	-.4	0	9*	-6*	-2
FAMBO	1-5	9 25.1 109	1.0*	0	1	-1	0
GLORIA	1-5	12 26.0 101	.9**	0	-6**	-1	7***
OSTARA	1-5	18 28.5 105	.3	-1	-2	3	0
ROCKET	1-5	9 27.1 107	-.6	1	9**	-5	-.4**
UKAVA	1-5	6 19.0 86	.3	0	-10*	-1	9*
VELOX	1-5	1 22.6 107	.3	0	0	7	-7

Varhaisperuna, 1989-1996, Viralliset kokeet: Luokittelu vyöhykkeittäin, 2. nosto  
 Early potato, *Solanum tuberosum* L., 1989-1996, Official variety trials: Classification according to zones, 2nd lifting

Lajike	Vyöhyke 1-2		Vyöhyke 3	
	kpl	tn/ha sl	kpl	tn/ha sl
Variety	Zone 1-2		Zone 3	
	trials	tn/ha rel.	trials	tn/ha rel.
HJAN TIMO	16	31.9 100	8	18.4 100
ADORA	6	29.9 112	2	22.6 108
AMAZONE	10	26.2 85**	5	15.4 88
FAMBO	6	29.7 110	3	15.9 106
GLORIA	8	29.5 103	4	20.3 96
OSTARA	12	34.9 106	6	15.8 98
ROCKET	6	30.1 112**	3	21.2 95
UKAMA	4	21.0 89	2	15.0 79
VELOX	1	29.1 107	0	16.0



Varhaisperuna, 1989-1996, Viralliset kokeet, 3. nosto  
 Early potato, *Solanum tuberosum* L., 1989-1996, Official variety trials, 3rd lifting

Poikkeamat mittarilajikkeen tuoksista, Differences from results of control variety

Lajike	Viiljely- vyöhyke	Sato tn/ha	Tärkk. %	>70 mm	Lajittelu		Kauppakep. sato %	Terveet % tubers
					70-55 mm	55-35 mm		
Variety	Cultivation zone	Yield tn/ha	Starch %	>70 mm	Size distribution %	Marketable yield %	Healthy tubers %	
	=C							
HJAN TIMO	1-5	24	13.6	3	28	60	9	68
ADORA	1-4	9	-1.7*	0	10*	-7	-3	7
AMAZONE	1-5	15	1.7***	-3*	-20***	9	14***	-8
FAMBO	1-5	9	1.1**	-1	1	1	-2	5
GLORIA	1-5	13	1.6***	-2*	-8*	6*	3*	7
OSTARA	1-5	17	.4	-1	1	2	-2	8*
ROCKET	1-5	9	-1.2	1	17***	-13**	-5***	-8
UKAVA	1-5	6	-1.2	-1	-9*	3	7	-8
VELOX	1-5	2	.7	-3	8	-3	-1	-3

Varhaisperuna, 1989-1996, Viralliset kokeet: Luokittelu vyöhykkeittäin, 3. nosto  
 Early potato, *Solanum tuberosum* L., 1989-1996, Official variety trials: Classification according to zones, 3rd lifting

Lajike	Vyöhyke 1-2		Vyöhyke 3	
	kpl	tn/ha sl	kpl	tn/ha sl
Variety	Zone 1-2		Zone 3	
	trials	tn/ha rel.	trials	tn/ha rel.
HJAN TIMO	15	40.2 100	9	22.8 100
ADORA	6	38.6 115	3	25.4 102
AMAZONE	10	33.9 85**	5	20.4 102
FAMBO	6	39.1 111	3	19.2 112
GLORIA	8	37.6 104	5	26.4 107
OSTARA	11	43.0 103	6	26.9 124
ROCKET	6	40.8 116*	3	29.4 121
UKAMA	4	32.2 105	2	19.9 109
VELOX	1	44.6 101	1	23.4 103

Varhaisperuna, 1989-1996, Viralliset kokeet, 3. nosto  
 Early potato, *Solanum tuberosum* L., 1989-1996, Official variety trials, 3rd lifting

Poikkeamat mittariajikkeen tuloksista, Differences from results of control variety

Lajike	Varsia		Kasvuston		Myyöh.		Ulkonäkö	Mukulan	Mukulan	Mukulan	Muodon
	kpl/yks.	no/plant	peittävyys	korkeus	15.8.	5.9.					
Variety	Stems	Tubers	Foliage	Haulm	Maturity	Smoothness	Tuber	Flatness	Shallowness	Uniformity	
	no/plant	no/plant	developm.	cm	5.9.	of skin	shape	of tuber	of eyes	of tuber shape	
HJAN TIMO	4.7	10.2	78	37	4.3	4.5	7.8	6.8	6.0	6.3	
AMAZONE	1.0	-5.5	5	4**	-5	.2	.8*	0.0	2.6***	1.0	
ADORA	-1.0	-1.1	2	8***	-7	1.0	.3	.5	1.7*	-.3	
FAMBO	-2.0	-1.0	4	8*	0.0	1.0	.2	0.0	1.7*	1.0	
GLORIA	.2	2.3	10**	13***	-7	0.0	.2	.8	2.0**	1.0	
ROCKET	-2.0	-2.0	7	7**	-5	-3	-1	0.0	.6	2.0	
UKAWA	-1.0	1.0	0	7***	-1.0	1.0	1.0	0.0	2.0	2.0	
VELOX	-	-	3	4	0.0	-1.0	0.0	1.0	4.0	3.0	

Varhaisperuna, 1989-1996, Viralliset kokeet, 3. nosto  
 Early potato, *Solanum tuberosum* L., 1989-1996, Official variety trials, 3rd lifting

Poikkeamat mittariajikkeen tuloksista, Differences from results of control variety

Lajike	Rupi	Mukula- rutto	Sieni	Bakt.	Mek. pinta	Mek. malto	Nestej. halk.	Korkk. halk.	Ontot	Epä- muot.	Väri- virh.	Vihert.
Variety	Common scab %	Tuber blight %	Fungal disease %	Bacterial disease %	Mechanical damage %	Internal bruising %	Harvest crack %	Growth crack %	Hollow heart %	Deform. %	Discolorat. %	Sun greening %
=C	6	7	4	0	5	1	0	3	0	2	2	6
HJAN TIMO	0	0	1	0	2	0	0	0	0	-2	-2	-3
ADORA	11	5	0	0	-3	-1	0	-3	0	-4	1	-3
AMAZONE	-5	-4	0	0	3	0	0	-3	0	0	1	2
FAMBO	-5	-4	-4	0	5	0	3	4	0	-2	1	-3
GLORIA	0	-10	0	0	0	0	0	0	0	0	0	0
OSTARA	-2	10	0	0	-3	-1	0	1	0	-1	-1	-4
ROCKET	15	0	0	0	-2	-1	0	-3	0	1	-1	2
UKAMA	-1	-1	-4	0	5	1	10	0	0	0	-3	-5
VELOX												

Varhaisperuna, 1989-1996, Viralliset kokeet, 3. nosto  
 Early potato, *Solanum tuberosum* L., 1989-1996, Official variety trials, 3rd lifting

Poikkeamat mittaritajikkeen tuloksista, Differences from results of control variety

Lajike Variety	Ulkonäkö keitetynä	Malto keitetynä	Jauhoisuus	Maku	Tummuneminen		Rikki- kiehuminen
					raakana	raakana	
	Skin cooked	Colour of flesh	Mealiness	Flavour	Discoloration cooked	Discoloration raw	Sloughing
HJAN TIMO	7	6	5.4	5.9	6.5	5.9	6.5
ADORA	0	0	-.4	-.3	.4*	.3	-.7*
AMAZONE	0	0	.5*	.8	-.2	.1	-.8
FAMBO	0	0	.2	.7	.2	.5	-.5
GLORIA	0	1*	.8***	.8*	-.4	-.6*	-1.1*
OSTARA	-2***	0	-.1	.3	-.3	.9*	.1
ROCKET	-1*	-4***	-1.1**	-.7	1.2	.3	.7
UKAMA	1	0	-.3	.6	.5	.8*	.6
VELOX	1	1	.9	1.0	-.1	.4	-2.2

Ruokaperuna, 1989-1996, Viralliset kokeet  
Potato for human consumption, *Solanum tuberosum* L., 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike Variety	Viljely- vyöhyke Cultivation zone	Sato tn/ha Yield tn/ha	Tärkk. % Starch %	Lajittelu Size distribution %		Kauppakelp. sato % Marketable yield %	Terveet % Healthy tubers %
				>70 mm 70-55 mm	<35 mm 55-35 mm		
	=C			>70 mm	<35 mm		
BINTJE	1-4	61 41.2 100	15.2	1 16	10 71	60	56
ASTERIX	1-4	13 34.6 102	.1	1 7*	-4** -5	16**	13
FAMBO	1-4	20 34.3 91*	-.1	2** 13***	-11** -4**	5	-5
IDOLE	1-4	13 39.1 103	.0	5* 20***	-20** -5**	2	2
MATILDA	1-4	59 39.8 97*	.8***	0 -2	2* 0	4*	4
NICOLA	1-4	44 41.4 101	-.6***	0 2	-1 -1	16***	17*
SABINA	2-4	27 33.4 85***	2.0***	0 1	0 -1	15***	-5
SATU	1-4	22 38.2 100	1.4***	1 9***	-6* -4**	6	2
VAN GOGH	1-4	50 41.5 102	1.5***	0 9***	-4* -5***	15***	11
VITAL	1-4	14 34.2 99	.4**	3** 21***	-16** -8***	4	2
BOR 92001	1-4	7 35.4 90*	1.4***	0 6	-4 -2*	-2	-3
BOR 92004	1-4	7 36.6 93	-.6	4 13*	-14* -3**	6	7
FELSINA	1-4	14 31.4 87**	-.1	3* 14***	-14*** -4*	-1	-8*
GLAMIS	1-4	11 45.1 116***	-.5*	3* 21***	-20** -4***	5	4
KULITA (= LH 152-80)	1-4	19 30.5 86***	1.9***	0 -4	0 4***	7	7*
MIRIAM	1-4	5 34.2 94	-.9	-1 -2	2 0	12*	14*
MORENE	1-4	7 39.1 99	.1	3 14*	-12 -5*	14**	14*
RUSTICA	1-4	11 35.0 102	2.4***	2 12*	-9 -5*	-6	-16*
SINI (= JO 091.2)	1-4	15 38.6 103	.3	0 -5	2 0	10**	12
SUVI (= JO 1405)	1-4	14 37.2 98	3.5***	1 19***	-11 -9**	15*	6

Ruokaperuna, 1989-1996, Viralliset kokeet  
Potato for human consumption, *Solanum tuberosum* L., 1989-1996, Official variety trials

Poikkeamat mittarijälkeen tuloksista, Differences from results of control variety

Lajike Variety	Varsia kpl/yks.		Mukulat Tubers no/plant		Kasvuston peittävyys Foliage developm.		Haulm cm		Maturity 5.9.		Ulkonäkö kuorin pyöreys Smoothness of skin		Mukulan litteys of tuber		Mukulan sileyks of eyes		Muodon säännöll. Uniformity of tuber shape	
	4.6	14.8	88	54	3.2	4.2	7.4	6.2	7.0	7.4	6.2	7.0	7.4	7.0	7.4	6.2	7.4	6.2
=C																		
BINIJE	-5	-2.0	-1	10***	-1.3	-1.1*	-9	0.0	0.0	0.7	0.7	0.0	0.7	0.0	0.7	0.7	0.0	0.7
ASTERIX	-1.0*	-4.6**	-2	-5**	2.0*	2.5***	.1	0.0	-3	.5	0.0	-3	.5	0.0	0.0	0.0	0.0	0.0
FAMBO	-7	-4.2***	-4	0	-7	-8*	.8	.1	-2	-2	-1	.2	-2	-1	-1	-1	-1	-1
IDOLE	.5	-.4	1	1	.6	.3	-1.6***	.2	.4*	.8***	.1	.4*	.8***	.1	.8***	.1	.8***	.1
MATILDA																		
NICOLA	-9	-2.0	-1	3**	-8	-4*	.6*	-1.0	.5	.8***	.3	.5	.8***	.3	.8***	.3	.8***	.3
SABINA	-8	-5.8	-3	-5***		-2	.4											
SATU	1.2*	-4.6***	3	2	0.0	-3	.2	-2.0**	-.2	.6*	-.2	-.2	.6*	-.2	.6*	-.2	.6*	-.2
VAN GOGH	-1.4*	-3.7	-1	7***	-6	-8***	-5	.6	.2	.5**	-.4	.2	.5**	-.4	.5**	-.4	.5**	-.4
VITAL	-1.1*	-4.3***	-3	-4*	-6	.2	0.0	1.1**	.8*	-.3	.4	.8*	-.3	.4	.8*	-.3	.4	.8*
BOR 92001	.6	-4.0**	-7	-2	.6	.7	-1.6*	-.8	.2	-1.0	-1.2	.2	-1.0	-1.2	-1.0	-1.2	-1.0	-1.2
BOR 92004	.4	-3.4***	-4	6*	.4	1.0	-1.6	1.8**	1.0	-.6	.2	1.0	-.6	.2	1.0	-.6	.2	1.0
FELSINA	-1.5**	-3.8*	-8*	-7***	.2	-5*	.5	-1.2	-.8	-.5	-1.4	-.8	-.5	-1.4	-.5	-1.4	-.5	-1.4
GLAMIS	-1	-3.6***	4	11***	-4	-1.0	-6	-.8	1.1**	.5	1.5*	1.1**	.5	1.5*	.5	1.5*	.5	1.5*
KULTA (= LH 152-80)	-.4	-.3	1	-1	.6	.6	-.9*	1.2**	0.0	-1.1	.3	0.0	-1.1	.3	-1.1	.3	-1.1	.3
MIRIAM	.7	-.8	1	-2	.8	1.2	.8	-2.3*	0.0	.5	1.3	0.0	.5	1.3	.5	1.3	.5	1.3
MORENE	-1.4**	-5.4**	-9**	2	-.4	-.7	-.6	-.6	.4	-.6	-.4	.4	-.6	-.4	-.6	-.4	-.6	-.4
RUSTICA	2.2*	-2.5**	4	5	-.5	-.2	-.3	.8	.6	.4	0.0	.6	.4	0.0	.4	0.0	.4	0.0
SINI (= JO 0912)	-1.8	1.7	-1	4*	0.0	-.7**	-.5	0.0	0.0	-.3	2.0	0.0	-.3	2.0	-.3	2.0	-.3	2.0
SUVI (= JO 1405)	-1.6	-4.1*	1	6**	0.0	-.7*	-1.3*	0.0	1.0	-.8	0.0	1.0	-.8	0.0	-.8	0.0	-.8	0.0

Ruokaperuna, 1989-1996, Viralliset kokeet  
Potato for human consumption, *Solanum tuberosum* L., 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Rupi	Mukula- rutto	Sieni	Bakt.	Mek. pinta	Mek. malto	Nestej. halk.	Korkk. halk.	Ontot muot.	Epä- virh.	Vähert. %	
Variety	Common scab %	Tuber blight %	Fungal disease %	Bacterial disease %	Mechanical damage %	Internal bruising %	Harvest crack %	Growth crack %	Hollow heart %	Deform. %	Discolorat. %	Sun greening %
	=C											
BINTJE	11	4	8	0	12	11	1	5	0	1	1	2
ASTERIX	-9	-4	1	-1	0	-5	-1	-3	3	-1	7	1
FAMBO	0	-3	11	-1	0	-3	-1	-3*	1	0	4	7
IDOLE	-7*	-1	3	0	-1	3	-1	-1	1	0	1	0
MATILDA	3	-4***	-3	0	-1	0	1	-3*	0	0	1	0
NICOLA	-11*	-3*	-4*	-1	0	0	0	-4*	0	-2	1	2
SABINA	-12	-1	0	0	0	-2	-3	-7	0	0	0	32
SATU	-8	-1	0	0	-2	1	1	5	0	0	-1	3
VAN GOGH	-8	-4***	-4	0	6	0	0	-4*	1	-2*	4	0
VITAL	-4	-2	1	1	-3	2	0	-4**	1	-1	2	3
BOR 92001	-8	0	-3	1	3	3	5	-1	0	2	-1	-1
BOR 92004	-10	1	-2	0	-2	-4	5	-2	1	1	0	-3
FELSINA	2	-1	-1	1	-4	2	0	-1	2*	5*	-1	3
GLAMIS	2	-2	-2	0	-3	-2	0	-1	1	-1	0	-1
KULTA (= LH 152-80)	-10*	-3	-1	0	-2	3	2	-2	1	-1	1	0
MIRIAM	-11	0	0	0	-7	-4	2	-5	0	2	-1	-2*
MORENE	-9	0	-2	0	-10	0	0	-3	1	1	4	1
RUSTICA	-3	-1	9	0	1	0	8*	0	0	-1	5	3
SINI (= JO 0912)	4	-1	-14	-1	4	0	-2	-4	0	0	0	-7
SUVI (= JO 1405)	-4	-4*	0	-1	3	-1	-2	-4	0	0	0	-5



Ruokaperuna, 1989-1996, Viralliset kokeet  
 Potato for human consumption, *Solanum tuberosum* L., 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Ulkonäkö keitettynä	Malto keitettynä	Jauhoisuus	Maku	Tummunen keitettynä	Rikki- kiehuminen
Variety	Skin cooked	Colour of flesh	Mealiness	Flavour	Discoloration cooked	Sloughing raw
	=C					
BINTJE	7	6	6.0	6.9	6.3	6.6
ASTERIX	0	0	-3	-2	.0	.4
FAMBO	0	-1	-2	-1.2***	.1	-9**
IDOLE	0	0	.3	-6**	.0	-1
MATILDA	-1***	1***	.3**	-2	-6***	-1.6***
NICOLA	0	2***	-.9***	-.4	-.7***	-.7**
SABINA	0	1*	.7***	-2	.0	-.7*
SATU	0	-1	.5**	-.8**	.2	-1.1***
VAN GOGH	0*	1***	.6***	.0	-.3*	-1
VITAL	-1	1	.5*	-1.2**	-1.0**	-2
BOR 92001	0	0	.6	-1.1*	-1	-1.0
BOR 92004	-1	0	.6	-1.5*	-1	-6
FELSINA	0	0	.4	-.7*	-3	-2
GLAMIS	-1	-1**	.4	-1.0*	.2	-5
KULTA (= IH 157-80)	-1	1***	1.2***	-1	-1.1**	-.8**
MIRIAM	0	1*	-1	-2.0	-3	-1
MORENE	0	-2*	.8*	-1.0	1.0*	-2
RUSTICA	0	0	1.3***	.1	-.9*	-2.6***
SINI (= JO 0912)	-1	-2***	.2	-1.6***	.9*	.0
SUVI (= JO 1405)	-1	1*	1.0***	-.4	-1.0*	-1.3**

Ruokaperuna, 1989-1996, Viralliset kokeet: Luokiteltu vyöhykkeittäin  
 Potato for human consumption, *Solanum tuberosum* L., 1989-1996, Official variety trials: Classification according to zones

Lajike Variety	Vyöhyke 1-2		Vyöhyke 3		Vyöhyke 4		Vyöhyke 5	
	kpl tn/ha	sl rel.	kpl tn/ha	sl rel.	kpl tn/ha	sl rel.	kpl tn/ha	sl rel.
	Zone 1-2		Zone 3		Zone 4		Zone 5	
	trials	tn/ha rel.	trials	tn/ha rel.	trials	tn/ha rel.	trials	tn/ha rel.
=C								
BINTJE	32	43.1 100	20	41.3 100	9	34.4 100	8	32.5 100
ASTERIX	6	35.0 100	5	33.2 103	2	37.0 102	0	0.0
FAMBO	13	35.6 89*	5	30.4 96	2	35.6 98	2	32.8 102
IDOLE	5	36.6 99	6	42.1 104*	2	36.8 111	0	0.0
MATILDA	31	40.8 95*	20	40.9 99	8	33.0 99	8	31.4 96
NICOLA	26	44.0 103	12	39.6 97	6	34.1 103	4	30.6 91
SABINA	7	35.7 88**	13	34.9 84***	7	28.4 82*	7	28.4 85*
SATU	12	38.1 97	7	39.6 102	3	35.7 107	3	30.9 101
VAN GOGH	27	43.2 100	16	41.7 103	7	34.4 108	7	33.3 100
VITAL	7	33.7 96	5	34.5 100	2	35.2 107	2	29.9 102
BOR 92001	2	32.4 88	4	40.0 90	1	22.9 91	0	0.0
BOR 92004	2	35.0 95	4	40.4 91	1	24.6 98	1	28.7 105
FELSINA	6	31.3 93	6	33.9 83*	2	23.8 84	1	18.8 69
GLAMIS	4	45.0 116	5	47.1 115*	2	40.1 121	0	0.0
KULTA (= LH 152-80)	9	29.0 83***	7	32.9 87**	3	29.5 91	0	0.0
MIRIAM	2	34.5 93	2	39.3 94	1	23.7 94	0	0.0
MORENE	2	34.6 94	4	44.0 99	1	28.3 112	0	0.0
RUSTICA	5	34.5 101	4	34.0 102	2	38.3 106	1	34.9 112
SINI (= JO 0912)	10	41.7 103	3	34.1 109	2	30.1 92	1	25.2 80
SUVI (= JO 1405)	9	37.8 97	4	38.3 103	1	26.7 84	0	0.0

Ruokaperuna, 1992-1996, Viralliset kokeet: Luokiteltu vuosittain  
 Potato for human consumption, *Solanum tuberosum* L., 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	tn/ha sl	kpl	tn/ha sl	kpl	tn/ha sl	kpl	tn/ha sl	kpl	tn/ha sl
Variety	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996	
	trials	tn/ha rel.	trials	tn/ha rel.	trials	tn/ha rel.	trials	tn/ha rel.	trials	tn/ha rel.
=C										
BINTJE	8 45.3	100	10 40.5	100	8 32.8	100	7 35.4	100	8 38.0	100
ASTERIX	0 0.0		1 26.4	104	7 30.9	94	4 42.0	112	0 0.0	
FAMBO	3 40.4	88	3 36.3	93	8 32.2	98	7 29.6	84*	0 0.0	
IDOLE	0 0.0		0 0.0		0 0.0		6 37.6	104	7 40.5	102
MATILDA	8 42.0	93	9 35.8	89*	8 29.3	89*	7 35.6	101	8 35.7	94**
NICOLA	8 44.2	97	9 42.1	105	7 35.6	109*	6 37.1	103	0 0.0	
SABINA	4 36.4	83*	5 28.8	84*	3 19.6	66*	2 29.8	83	0 0.0	
SATU	1 31.5	85	8 42.0	104	7 33.2	101	1 44.6	109	8 36.2	95
VAN GOGH	7 43.7	97	8 38.7	99	8 33.8	103	7 37.6	106	1 26.7	106
VITAL	0 0.0		0 0.0		3 26.2	94	7 35.9	101	6 34.8	99
BOR 92001	0 0.0		0 0.0		0 0.0		0 0.0		7 35.4	90*
BOR 92004	0 0.0		0 0.0		0 0.0		0 0.0		8 35.6	94
FELSINA	0 0.0		0 0.0		7 30.8	94	0 0.0		8 30.3	80**
GLAMIS	0 0.0		0 0.0		0 0.0		4 41.0	109	7 47.4	120**
KULTA (= LH 152-80)	0 0.0		0 0.0		6 25.9	84**	6 31.3	87**	7 33.7	85**
MIRIAM	0 0.0		0 0.0		0 0.0		0 0.0		5 34.2	94
MORENE	0 0.0		0 0.0		0 0.0		0 0.0		7 39.1	99
RUSTICA	0 0.0		0 0.0		4 26.1	90	7 39.4	111	1 39.4	88
SINI (= JO 0912)	0 0.0		8 40.7	101	7 33.3	102	0 0.0		1 46.2	111
SUVI (= JO 1405)	2 42.4	93	4 40.6	97	7 33.5	102	0 0.0		1 39.2	94

Ruokaperuna, 1989-1996, Viralliset kokeet  
 Potato for human consumption, *Solanum tuberosum* L., 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viiljely- vyöhyke	Sato t/ha sl	Tärkk. %	Lajittelu			Kauppakelp. Terveet %				
				>70 mm	70-55 mm	55-35 mm					
Variety	Cultivation zone	Yield t/ha rel.	Starch %	Size distribution %		Marketable yield %	Healthy tubers %				
				>70 mm	70-55 mm						
MAFILDA	1-5	67	38.8	100	15.9	1	14	74	10	65	62
ASTERIX	1-5	13	34.6	106	-5	1	10*	-7	-5*	10	1
BINTJE	1-4	59	41.2	104*	-8***	0	2	-2*	0	-4*	-4
FAMBO	1-5	22	34.2	96	-9**	3*	14***	-12***	-4***	0	-13
IDOLE	1-4	13	39.1	107*	-9**	6	24***	-23***	-7**	-3	-3
NICOLA	1-4	43	41.3	104	-1.5***	0	3	-3	0	13**	13**
SABINA	2-5	34	32.4	87***	1.1***	0	3*	-3**	0	9**	-14
SATU	1-5	25	37.4	108**	.8***	0	8**	-5	-4***	4	-3
VAN GOCH	1-5	57	40.5	104**	.6***	0	9***	-5**	-5***	8***	3
VITAL	1-4	14	34.2	105	-5	3*	25***	-17**	-11***	-1	0
BOR 92001	1-5	7	35.4	96	.7	1	12*	-9	-4**	-5	-7
BOR 92004	1-5	8	35.6	100	-1.2***	4	17**	-15	-6*	4	3
FELSINA	1-4	14	31.4	95	-8	4*	19***	-17**	-6**	-3	-12
GLAMIS	1-5	11	45.1	120**	-1.2***	4	25***	-23***	-6***	-2	-3
KULTA (= LH 152-80)	1-5	19	30.5	92**	1.1***	0	0	-2	2*	3	3
MIRIAM	1-4	5	34.2	100	-1.9***	0	4	-3	-1	12	14
MORENE	1-5	7	39.1	106	-7	3	20**	-17*	-6*	10	10
RUSTICA	1-4	11	35.0	109***	1.5**	2	16**	-10	-9**	-14**	-25**
SINI (= JO 0912)	1-5	16	37.8	115***	-2	0	-8	4	1	11*	34
SUVI (= JO 1405)	1-5	14	37.2	108*	3.0***	0	18***	-10	-9**	16*	28

Ruokaperuna, 1989-1996, Viralliset kokeet  
Potato for human consumption, *Solanum tuberosum* L., 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike Variety	Varsia kpl/yks.		Kasvuston peittävyys korkeus		Myöh.1 15.8.		Myöh.3 5.9.		Ulkoniäkö kuorineen pyöreys		Mukulan litteys		Mukulan sileys		Muodon säännöll.	
	Stems no/plant	Tubers no/plant	Foliage developm.	Haulm cm	Maturity 15.8.	5.9.	Smoothness of skin	Tuber shape	Flatness of tuber	Shallowness of eyes	Uniformity of tuber shape					
MATILDA	=C	5.1	15.2	87	55	3.6	4.6	6.2	6.4	7.3	8.2	6.6				
ASTERIX		-3	-2.5	-2	11***	-1.3	-1.4*	.5	-1.0	-3	0.0	0.0				
BINTJE		-5	.4	-1	-1	-1.6	-3	1.6***	-2	-4*	-0.8***	-1				
FAMBO		-1.7***	-5.3*	-3	-5**	1.0	1.9***	1.4***	-1.0	-6	-6	-8				
IDOLE		-1.5***	-5.1***	-5*	0	-1.2	-2.2**	2.1**	-1	-2	-3	-2				
NICOLA		-1.0*	-2.8*	-1	2	-1.5	-.4*	2.1***	-2.3**	0.0	-1	-3				
SABINA		-7	-2.2	-4**	-6***	1.0	-1	1.8***	1.0	1.0	-5*	0.0				
SATU		.6**	-5.3***	6*	2	-.4	-.7*	1.2***	-1.5**	-5	.2	.2				
VAN GOGH		-1.6***	-2.3**	0	7***	-1.0	-.8***	1.1***	.2	0.0	-3*	-2				
VITAL		-1.9***	-5.1***	-2	-3	-1.1	-.7*	1.2**	.9*	.3	-1.7*	0.0				
BOR 92001		-2	-4.5**	-8*	0	.2	-.8	-.4	-.2	-2	-.8	-1.0				
BOR 92004		-5	-4.1***	-6	9**	0.0	-.6	-5	2.2**	.8	-5	.3				
FELSINA		-2.2***	-4.3**	-8	-4**	-.2	-1.2**	1.5**	-.6	-1.2	-6	-1.2				
GLAWIS		-8	-4.2***	3	11***	-.6*	-2.3*	.8*	-.8*	-.8*	.3	1.4**				
KULTA (= LH 152-80)		-1.1*	-1.1	1	-1	0.0	-.3	.1	1.0*	-.4	-.4	.2				
MIRIAM		-.4	-1.3	3	1	.5	.2	1.8**	-1.5*	-.5	.5	1.0				
MORENE		-2.3***	-6.0**	-11*	4	-.8	-2.2	.6	0.0	0.0	-.4	-.2				
RUSTICA		1.3	-3.9**	4	5**	-1.3	-1.1*	1.0*	-.2	0.0	-1	-.8				
SINI (= JO 0912)		-1.4	1.8	1	3**	0.0	-.7**	.4	1.0	-1.0	-.7	1.0				
SUVI (= JO 1405)		-1.2	-4.0	3	8**	0.0	-.8**	-.7	1.0	0.0	-1.2	-1.0				

Ruokaperuna, 1989-1996, Viralliset kokeet  
 Potato for human consumption, *Solanum tuberosum* L., 1989-1996, Official variety trials

Poikkeamat mittariajikkeen tuloksista, Differences from results of control variety

Lajike	Rupi	Mukula- rutto	Sieni	Bakt.	Mek. pinta	Mek. malto	Nestej. halk.	Korkk. halk.	Ontot muot.	Epä- virh.	Väri- vihert.	Vihert. %
Variety	Common scab %	Tuber blight %	Fungal disease %	Bacterial disease %	Mechanical damage %	Internal bruising %	Harvest crack %	Growth crack %	Hollow heart %	Deform. %	Discolorat. %	Sun greening %
MATILDA	14	0	4	0	10	9	2	1	0	1	2	2
ASTERIX	-8*	1	2	0	1	-2	-1	-1	3	2	7	0
BINTUJE	-3	4***	3	0	1	0	-1	3*	0	0	-1	0
FAMBO	-2	0	14	0	-1	-2	-1*	0	1	3*	2	4
IDOLE	-10*	1	6	0	0	3*	-2*	2	1	1	0	0
NICOLA	-16	2	-1	0	-3	-1	-1	-1	0	1	-1	-1
SABINA	-4	2*	4	0	1	2	2	-2	-2	0	0	17
SATU	-9*	1	4	0	3	2	1	8**	0	-1	-1	3
VAN GOGH	-12*	1	0	0	4	2	-1	-1	1	0	3	-1
VITAL	-8	0	5	1	-4	2	-1	0	1	-1	1	2
BOR 92001	-9	0	0	1	8*	4	4	3	0	0	-1	0
BOR 92004	-13*	1	1	0	5	-2	3	2	1	-1	-1	-1
FELSINA	1	0	2	0	2	3	-1	2*	2*	4	-2	4*
GLAMIS	1	0	1	0	1	0	-1	2	1	-1	0	0
KULTA (= LH 152-80)	-13**	0	2	0	0	3*	1	1	1	0	0	0
MIRIAM	-14	0	5	0	-5	-2	1	0	0	-1	-1	0
MORENE	-11	0	1	0	-5	1	-1	0	1	-1	3	2
RUSTICA	-7	3	16	1	2	0	8*	5	0	1	4	2
SINI (= JO 0912)	-17	1	-14	0	-6	-8	0	-2	0	0	-1	-4
SUVI (= JO 1405)	-25	0	0	0	-7	-9	0	-2	0	0	-1	-2

Ruokaperuna, 1989-1996, Viralliset kokeet  
 Potato for human consumption, *Solanum tuberosum* L., 1989-1996, Official variety trials

Poikkeamat mitarilajikkeen tuloksista, Differences from results of control variety

Lajike	Ulkonäkö keitettynä	Malto keitettynä	Jauhoisuus	Maku	Tummunen keitettynä	Rikki- kiehuminen
Variety	Skin cooked	Colour of flesh	Mealiness	Flavour	Discoloration cooked	Sloughing raw
MATILDA	6	6	6.3	6.7	5.6	5.0
ASTERIX	1*	0	-.7**	-.3	.3	2.5***
BINTJE	1***	-1***	-.3**	.2	.6***	1.6***
FAMBO	0	-1**	-.4*	-1.0***	.7**	.9***
IDOLE	1*	0	-.1	-.3	.3*	1.6***
NICOLA	1***	1***	-1.0***	-.2	.1	1.0***
SABINA	2***	0	.5**	-.2	.5***	.6**
SATU	1	-1*	.3	-.8*	.8**	1.1***
VAN GOGH	1***	0	.2	.1	.4***	1.7***
VITAL	0	0	.2	-.9**	-.7**	1.6***
BOR 92001	0	0	.0	-.4	.0	.7*
BOR 92004	-1	0	-.1	-.9	-.1	1.2***
FELSINA	1	0	-.2	-.2	-.2	1.9***
GLAMIS	0	-2**	.0	-.6	.3	1.4**
KULTA (= LH 152-80)	0	1***	.8**	.2	-.8*	1.1***
MIRIAM	1	1*	-.5	-1.1	-.3	1.5*
MORENE	0	-2*	.2	-.3	1.0*	1.5**
RUSTICA	1	0	1.0**	.0	-.5	-.6
SINI (= JO 0912)	1	-3***	.1	-2.0***	1.7**	2.4***
SUVI (= JO 1405)	0	0	.8*	-.1	-.3	1.0*

Ruokaperuna, 1989-1996, Viralliset kokeet: Luokittelu vyöhykkeittäin  
 Potato for human consumption, *Solanum tuberosum* L., 1989-1996, Official variety trials: Classification according to zones

Lajike Variety	Vyöhyke 1-2		Vyöhyke 3		Vyöhyke 4		Vyöhyke 5	
	kpl tn/ha	sl rel.	kpl tn/ha	sl rel.	kpl tn/ha	sl rel.	kpl tn/ha	sl rel.
	Zone 1-2		Zone 3		Zone 4		Zone 5	
=C								
MATILDA	31	40.8 100	20	40.9 100	8	33.0 100	8	31.4 100
ASTERIX	6	35.0 113	5	33.2 100	2	37.0 101	0	0.0
BINTJE	31	43.1 106*	20	41.3 101	8	33.4 101	8	32.5 104
FAMBO	13	35.6 96	5	30.4 92	2	35.6 97	2	32.8 101
IDOLE	5	36.6 109	6	42.1 107	2	36.8 104	0	0.0
NICOLA	25	43.8 107	12	39.6 98	6	34.1 103	4	30.6 98
SABINA	7	35.7 93*	13	34.9 85***	7	28.4 83	7	28.4 89**
SATU	12	38.1 109	7	39.6 105	3	35.7 108	3	30.9 115
VAN GOGH	27	43.2 105*	16	41.7 102	7	34.4 108	7	33.3 104
VITAL	7	33.7 109	5	34.5 102	2	35.2 99	2	29.9 99
BOR 92001	2	32.4 95	4	40.0 96	1	22.9 97	0	0.0
BOR 92004	2	35.0 102	4	40.4 97	1	24.6 104	1	28.7 107
FELSINA	6	31.3 106	6	33.9 87	2	23.8 95	1	18.8 70
GLAMIS	4	45.0 125	5	47.1 119	2	40.1 113	0	0.0
KULTA (= LH 15?-80)	9	29.0 94	7	32.9 90*	3	29.5 91	0	0.0
MIRIAM	2	34.5 101	2	39.3 99	1	23.7 100	0	0.0
MORENE	2	34.6 101	4	44.0 106	1	28.3 119	0	0.0
RUSTICA	5	34.5 116**	4	34.0 104	2	38.3 104	1	34.9 104
SINI (= JO 0912)	10	41.7 118***	3	34.1 106	2	30.1 111	1	25.2 111
SUVI (= JO 1405)	9	37.8 110*	4	38.3 106	1	26.7 102	0	0.0



Ruokaperuna, 1992-1996, Viralliset kokeet: Luokittelu vuosittain  
 Potato for human consumption, *Solanum tuberosum* L., 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	tn/ha sl	kpl	tn/ha sl	kpl	tn/ha sl	kpl	tn/ha sl	kpl	tn/ha sl
Variety	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996	
	trials	tn/ha rel.	trials	tn/ha rel.	trials	tn/ha rel.	trials	tn/ha rel.	trials	tn/ha rel.
=C	8 42.0	100	9 35.8	100	8 29.3	100	7 35.6	100	8 35.7	100
MATILDA	0 0.0		1 26.4	90	7 30.9	106	4 42.0	109	0 0.0	
ASTERIX	8 45.3	108	9 40.3	113*	8 32.8	112*	7 35.4	99	8 38.0	106**
BINTJE	3 40.4	98	3 36.3	95	8 32.2	110	7 29.6	83***	0 0.0	
FAMBO	0 0.0		0 0.0		0 0.0		6 37.6	104	7 40.5	109*
IDOLE										
NICOLA	8 44.2	105	9 42.1	118***	7 35.6	123**	6 37.1	103	0 0.0	
SABINA	4.36.4	85*	5 28.8	94	3 19.6	76	2 29.8	74	0 0.0	
SATU	1 31.5	83	8 42.0	118**	7 33.2	112**	1 44.6	94	8 36.2	101
VAN GOGH	7 43.7	102	8 38.7	113*	8 33.8	115**	7 37.6	105	1 26.7	113
VITAL	0 0.0		0 0.0		3 26.2	113	7 35.9	101	6 34.8	105*
BOR 92001	0 0.0		0 0.0		0 0.0		0 0.0		7 35.4	96
BOR 92004	0 0.0		0 0.0		0 0.0		0 0.0		8 35.6	100
FELSINA	0 0.0		0 0.0		7 30.8	106	0 0.0		8 30.3	85*
GLAMIS	0 0.0		0 0.0		0 0.0		4 41.0	106	7 47.4	128**
KULTA (= LH 152-80)	0 0.0		0 0.0		6 25.9	100	6 31.3	87*	7 33.7	91*
MIRIAM	0 0.0		0 0.0		0 0.0		0 0.0		5 34.2	100
MORENE	0 0.0		0 0.0		0 0.0		0 0.0		7 39.1	106
RUSTICA	0 0.0		0 0.0		4 26.1	109	7 39.4	111**	1 39.4	96
SINI (= JO 0912)	0 0.0		8 40.7	114**	7 33.3	115*	0 0.0		1 46.2	116
SUVI (= JO 1405)	2 42.4	98	4 40.6	107	7 33.5	115*	0 0.0		1 39.2	98

Tärkkelysperuna, 1989-1996, Viralliset kokeet  
Starch potato, *Solanum tuberosum* L., 1989-1996, Official variety trials

Poikkeamat mitarilajikkeen tuloksista, Differences from results of control variety

Lajike	Vijely- vyöhyke	Sato t/ha sl	Tärkk. %	Tärkk.sato kg/ha sl	Lajittelu		Terveet %	
					>70 mm	55-35 mm		
Variety	Cultivation zone	Yield t/ha rel.	Starch %	Starch yield kg/ha rel.	>70 mm	Size distribution % 70-55 mm	55-35 mm	Healthy tubers %
SATURNA	1-3	31	18.0	6822	0	15	61	16
HJAN TANU	3-3	10	-4	-799	0	3	-2	-2
KARDAL	1-3	14	1.6**	871	1	6	-7*	1
UTE	1-3	10	2.0***	843	0	2	-1	-1
KARLENA	1-3	10	-0.8*	-392	2	16*	-16*	-2
MAXILLA	1-3	7	-1	-191	4	20**	-20*	-5*
OLEVA	1-3	8	-3	557	6	28***	-24***	-10**
RUSTICA	1-3	4	-4	840	2	18	-16	-5

Tärkkelysperuna, 1989-1996, Viralliset kokeet  
 Starch potato, *Solanum tuberosum* L., 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Varsia kpl/yks.	Mukulat kpl/yks.	Kasvuston peittävyys	Kasvuston korkeus	Myöh. I 15.8.	Myöh. 3 5.9.	Ulkonäkö kuorineen pyöreys	Mukulan litteys	Mukulan sileys	Mukulan Muodon säännöll.
Variety	Stems no/plant	Tubers no/plant	Foliage developm.	Haulm cm	Maturity 15.8.	Maturity 5.9.	Smoothness of skin	Flatness of tuber	Shallowness of eyes	Uniformity of tuber shape
SATURNA	6.0	15.1	92	59	3.3	4.8	6.5	6.6	6.0	5.4
HJAN TANU	-1.3	-1.2	-5	-7	0.0	.9	-3.5	.5	1.0	-1.0
KARDAL	-.7	-.9	-7	5*	-2.3	-2.8*	1.0	-1.0	4.0	3.0
UJTE	4.8**	1.2	3	-3	-2.0	.4	-	-	-	-
KARLENA	-.8**	-2.6**	-3	-9*	0.0	-.3	-.4	.8	1.0	1.6
MAXILLA	-1.5	-1.9*	0	-4	0.0	-.5	-1.0	.4	.4	-.8
OLEVA	-1.2*	-3.1	-3	1	-.3	-.9*	-1.8	.5	.8	-.3
RUSTICA	.4	-1.8*	3	2	0.0	.3	-.8	-2.5	1.5*	1.0

Tärkkelysperuna, 1989-1996, Viralliset kokeet  
Starch potato, *Solanum tuberosum* L., 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Rupi	Mukula- rutto	Sieni	Bakt.	Mek. pinta	Mek. malto	Nestej. halk.	Korkk. halk.	Ontot muot.	Epä- virh.	Väri- virh.	Vihert. %
Variety	Common scab %	Tuber blight %	Fungal disease %	Bacterial disease %	Mechanical damage %	Internal bruising %	Harvest crack %	Growth crack %	Hollow heart %	Deform. %	Discolorat. %	Sun greening %
SATURNA	13	1	2	0	9	22	2	1	7	3	6	2
HJAN TANU	-1	2	-2	0	7	-9	0	-3	-15	0	-1	-1
KARDAL	20	0	-1	0	-1	-6	2	0	-12	-2	-4	-1
UTE	-	37	-	-	-	-	-	-	-	-	-	-
KARLENA	-4	0	-1	2	1	-17	0	3	-13	0	1	3
MAXILLA	-1	-1	1	0	-2	-5	0	1	-12	1	2	2
OLEVA	-1	-1	1	0	9	-18	2	-2	-8	0	-1	-1
RUSTICA	1	-1	-1	0	14*	-16	2	1	-6	0	0	0

Tärkkelysperuna, 1992-1996, Viralliset kokeet: Luokittelu vuosittain  
 Starch potato, *Solanum tuberosum* L., 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	Tärkkelyssato kpl kg/ha	sl	Tärkkelyssato kpl kg/ha	sl	Tärkkelyssato kpl kg/ha	sl	Tärkkelyssato kpl kg/ha	sl	Tärkkelyssato kpl kg/ha	sl
Variety	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996	
	Starch yield kg/ha	rel.	Starch yield kg/ha	rel.	Starch yield kg/ha	rel.	Starch yield kg/ha	rel.	Starch yield kg/ha	rel.
=C	4 8255	100	3 6523	100	3 4710	100	3 6457	100	4 7588	100
SATURNA	3 6153	80*	0 0.0		0 0.0		3 5667	88	4 6403	84*
HJAN TANU	4 9575	116	0 0.0		3 5210	111	3 7097	110	0 0.0	
KARDAL	0 0.0		0 0.0		0 0.0		0 0.0		0 0.0	
UTE	0 0.0		0 0.0		3 4367	93	3 5860	91	4 7313	96
KARLENA	0 0.0		0 0.0		0 0.0		3 6537	101	4 7193	95
MAXILLA	0 0.0		0 0.0		0 0.0		0 0.0		4 8090	107
OLEVA	0 0.0		0 0.0		0 0.0		0 0.0		4 8428	111
RUSTICA	0 0.0		0 0.0		0 0.0		0 0.0			

Timotei, 1989-1996, Viralliset kokeet  
 Timothy, *Phleum pratense* L., 1989-1996, Official variety trials

1. 2. ja 3. vuoden nurmien keskiarvot, Averages of 1, 2 and 3 years old grasses

Lajike	Kokonaissato		1. niiton sato		Valk.-%	Poikkeamat mittarilajitukseen uloksista		Syksy	Kevät	Kuiva-aine-%	Bot.anal.
	kpl	kg/ha	sl	sl		Peittävyyss-%	Talviuho-%				
Variety	Total yield		Yield / 1st cut		Prot.-%	Differences from results of control variety		Autumn	Spring	Dry matter-%	Bot.anal.
	trials	kg/ha	rel.	kg/ha		rel.	Covering-%				
HJAN TIITI	=C	110	8598	100	4612	100	89	81	10	20.5	94.4
BOTINIA II		96	8245	96**	4638	99	-1	0	0	.2*	-.2
GRINDSTAD		41	10426	112***	5162	106***	2*	0	2	1.9***	.3
IKI		97	8594	100	4843	106***	1***	3***	-3**	.0	.6
JONATAN		40	8603	100	4674	104*	1	3*	-3*	-.2	.0
TUUKKA		81	8673	105***	4845	109***	3***	5***	-3***	.1	2.2**
TIA		11	9812	105	5088	104	3	4	-1	1.8***	-.5
VEGA		25	8556	99	5044	111***	1	4*	-4*	1.0***	-.3
JO 0193		37	8660	102	4742	107***	3***	7***	-3*	.0	.7
JO 0194		31	8997	100	5230	110***	2**	6***	-4**	.1	1.9*
HJA 72002		16	9538	109***	5085	108**	1	2	-1	.0	-1.6
HJA 80102		20	9423	105	4816	109***	2**	4***	-2	.0	-1.5
BOR 1342		8	8918	99	4792	112**	1	5	-3	-.1	-.8
FUTI 8803		8	9265	103	4191	98	1*	-2	3	.6*	-.2
KVTI 8801		8	9098	101	4395	103	2	3	0	.5	-2.4

Timotei, 1989-1996, Viralliset kokeet  
 Timothy, *Phleum pratense* L., 1989-1996, Official variety trials

1. 2. ja 3. vuoden nurmien tulokset, Results of 1st, 2nd and 3rd years old grasses

Lajike	Kok.sato 1.v		Kok.sato 2.v		Kok.sato 3.v		Talvituho-% poikkeamat mittarilajikkeen tuloksista		
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	1.v	2.v	3.v
Variety	Total yield 1st year		Total yield 2nd year		Total yield 3rd year		Winter damage % differences from results of control variety		
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	1st year	2nd year	3rd year
=C									
HJAN TIIITI	37	8878 100	35	9205 100	36	7810 100	8	10	13
BOTINIA II	30	8783 98	30	8732 97	30	7383 95*	-2	-1	1
GRINDSTAD	20	10038 110***	11	10674 113***	8	10265 116**	2	4	-2
IKI	35	8607 99	32	9259 100	26	7595 99	-3*	-2	-3
JONATAN	18	8059 99	10	9768 99	9	8244 103	-1	-2	-8
TUUKKA	26	8469 103*	24	9378 103	26	8429 108***	-3*	-1	-5*
TIA-	7.	9599 104	2	10860 105	2	9510 111	1	-1	-6
VEGA	14	8223 98	6	8874 102	4	8248 94	-3*	-5	-5
JO 0193	14	7883 105*	11	9843 100	10	8653 103	-2*	-2	-3
JO 0194	13	8506 103	8	9824 97	7	9096 99	-4*	-1	-8
HJA 72002	6	7872 109	5	10610 108*	4	10346 108	-2	-2	0
HJA 80102	12	8629 101	4	10799 113	3	10333 107	-1	-4	-3
BOR 1342	7	8710 98	0	0	0	0	-4	0	0
FUTI 8803	7	9109 102	0	0	0	0	4	0	0
KVTI 8801	7	8936 100	0	0	0	0	0	0	0

Timotei, 1989-1996, Viralliset kokeet: Luokittelu vyöhykkeittäin  
 Timothy, *Phleum pratense* L., 1989-1996, Official variety trials: Classification according to zones

Lajike	Vyöhyke1		Vyöhyke2		Vyöhyke3		Vyöhyke4		Vyöhyke5						
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl					
Variety	Zone 1		Zone 2		Zone 3		Zone 4		Zone 5						
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.					
=C															
HJAN TIITI	1310501	100	32	9028	100	38	9020	100	16	8278	100				
BOITINIA II	12	9588	93*	28	8776	96**	29	8715	95*	16	8103	98			
GRINDSTAD	912103	111**	1410458	109***	13	9928	115***	4	8782	112	1	7950	118		
IKI	1310232	97	26	8392	94***	32	9176	100	16	8719	105*	10	4931	118*	
JONATAN	410058	96	9	7970	96	19	9188	101	4	9374	107*	4	5023	111	
TIA	112280	101	5	9243	105	2	9961	101	3	9840	110	0	0.0		
TUUKKA	810369	103	23	8553	101	29	9620	106***	10	9035	107**	11	4863	118**	
VEGA	4	9513	91*	6	8029	99	10	8639	98	4	8552	109	1	7070	105
JO 0193	3	9630	98	10	8703	103	18	9203	102	2	8230	98	4	5603	116
JO 0194	3	8967	91**	4	8631	103	19	9165	100	4	9115	104	1	6870	102
HJA 72002	310597	107	3	8726	110	8	9241	108	210359	114*	0	0.0			
HJA 80102	410758	103	3	7625	92	10	9551	108*	210097	111*	1	6850	101		
BOR 1342	111800	97	2	6250	81	2	9962	102	210170	112	1	6780	100		
FUTI 8803	113010	107	2	7429	97	2	9938	101	2	9710	107*	1	6960	103	
KVTI 8801	112530	103	2	7224	94	2	9561	97	2	9886	109	1	6910	102	



Timotei, 1989-1996, Viralliset kokeet: Luokittelu vyöhykkeittäin  
 Timothy, *Phleum pratense* L., 1989-1996, Official variety trials: Classification according to zones

Lajike Variety	Vyöhyke1 Talvituho		Vyöhyke2 Talvituho		Vyöhyke3 Talvituho		Vyöhyke4 Talvituho		Vyöhyke5 Talvituho	
	kpl	% sl	kpl	% sl	kpl	% sl	kpl	% sl	kpl	% sl
	Zone 1 Winter damage		Zone 2 Winter damage		Zone 3 Winter damage		Zone 4 Winter damage		Zone 5 Winter damage	
	trials	% rel.	trials	% rel.	trials	% rel.	trials	% rel.	trials	% rel.
=C										
HJAN TIITI	8	1.1 100	27	3.4 100	36	8.4 100	16	14.0 100	11	35.1 100
BOTNIA II	7	1.7 133	24	4.0 109	27	7.8 100	16	15.0 107	11	31.1 89
GRINDSTAD	7	.6 57	10	1.4 127	13	8.8 102	4	24.3 206	1	16.0 178
IKI	8	1.0 89	22	3.6 98	30	5.0 62*	16	10.1 72	10	27.2 80
JONATAN	4	.3 33	6	1.2 78	19	4.8 56	4	16.0 80	4	37.0 91
TUUKKA	5	.4 40	20	2.3 53*	27	5.6 61*	10	10.2 62*	11	30.9 88
TIA	1	0.0	3	7.0 75	2	10.5 124	3	7.3 92	0	0.0
VEGA	4	.8 100	3	1.7 71	10	3.0 34	4	7.0 60	1	4.0 44
JO 0193	3	.7 67	8	1.1 60	18	4.8 51*	2	15.5 53	4	18.0 114
JO 0194	3	1.0 100	2	2.5 83	19	5.3 57	4	10.8 54	1	4.0 44
HJA 72002	3	.7 67	2	2.5 83	8	7.5 85	2	6.5 59	0	0.0
HJA 80102	4	.3 33	1	0.0 0	10	5.9 67	2	9.5 86	1	10.0 111
BOR 1342	1	0.0	1	0.0 0	2	6.5 76	2	3.0 27	1	8.0 89
FUTI 8803	1	0.0	1	0.0 0	2	14.0 165	2	15.0 136	1	13.0 144
KVTI 8801	1	0.0	1	0.0 0	2	10.5 124	2	6.5 59	1	12.0 133

Timotei, 1992-1996, Viralliset kokeet: Luokittelu vuosittain  
 Timothy, *Phleum pratense* L., 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
=C	16	8615 100	13	9199 100	15	6840 100	5	9787 100	12	9192 100
HJAN TIITI	13	8170 93*	10	8207 96	12	5905 88*	4	9021 91*	8	9327 98
BOTTINIA II	5	9874 108	11	2350 110	7	8590 110*	5	11239 115*	12	10896 119***
GRINDSTAD	14	8156 95	11	9358 103	14	7167 102	5	9661 99	12	9017 98
IKI	5	7732 97	6	9642 97	12	7207 102	5	10028 102	12	9249 101
JONATAN	8	8029 101	9	9258 105	11	6696 111*	4	10302 104	11	9740 103
TUUKKA	0	0.0	0	0.0	0	0.0	0	0.0	5	9589 102
TIA	0	0.0	0	0.0	6	7494 101	5	9634 98	12	8774 95
VEGA	6	8165 101	7	9741 102	10	7658 104	5	9820 100	6	8925 100
JO 0193	3	8810 96	4	1106 99	9	7512 105	5	9385 96	9	9107 99
JO 0194	0	0.0	0	0.0	5	7493 107	5	10610 108*	6	10350 110*
HJA 72002	0	0.0	0	0.0	5	8532 105	4	10924 113	11	9282 101
HJA 80102	0	0.0	0	0.0	0	0.0	0	0.0	8	8918 99
BOR 1342	0	0.0	0	0.0	0	0.0	0	0.0	8	9265 103
FUTI 8803	0	0.0	0	0.0	0	0.0	0	0.0	8	9098 101
KVTI 8801	0	0.0	0	0.0	0	0.0	0	0.0		

Timotei, 1992-1996, Viralliset kokeet: Luokiteltu vuosittain  
 Timothy, *Phleum pratense* L., 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	% sl	kpl	% sl	kpl	% sl	kpl	% sl	kpl	% sl
Variety	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996	
	Winter damage	Winter damage	Winter damage	Winter damage	Winter damage	Winter damage	Winter damage	Winter damage	Winter damage	Winter damage
	trials	% rel.	trials	% rel.	trials	% rel.	trials	% rel.	trials	% rel.
=C	16	3.9 100	13	11.1 100	14	17.5 100	5	8.2 100	10	6.8 100
HJAN TIITI	13	4.7 133	10	16.9 122	11	17.0 98	4	9.3 90	7	3.6 51
BOFINIA II	5	2.0 77	1	0.0	6	4.0 114	5	10.2 124	10	6.3 93
GRINDSTAD	14	3.4 78	11	11.5 89	13	10.3 63*	5	3.0 37	10	4.2 62*
IKI	5	2.8 64	6	17.5 92	11	11.2 71	5	3.6 44	10	5.2 76
JONATAN										
TUUKKA	8	4.1 110	9	12.6 90	11	12.0 57	4	7.0 68	9	3.0 54
TIA	0	0.0	0	0.0	0	0.0	0	0.0	4	5.5 122
VEGA	0	0.0	0	0.0	5	3.8 95	5	1.8 22	10	1.8 26*
JO 0193	6	1.7 40	7	9.3 107	9	4.7 49	5	3.8 46	5	4.8 63
JO 0194	3	2.0 35	4	10.8 78	8	4.8 44	5	6.6 80	8	4.5 54
HJA 72002	0	0.0	0	0.0	5	3.8 95	5	6.0 73	5	6.2 76
HJA 80102	0	0.0	0	0.0	4	3.5 100	4	6.3 61	10	5.0 74*
BOR 1342	0	0.0	0	0.0	0	0.0	0	0.0	7	3.9 55
FUTI 8803	0	0.0	0	0.0	0	0.0	0	0.0	7	10.1 145
KVTI 8801	0	0.0	0	0.0	0	0.0	0	0.0	7	6.6 94

Timotei, 1989-1996, Viralliset kokeet  
 Timothy, *Phleum pratense* L., 1989-1996, Official variety trials

1. 2. ja 3. vuoden nurmion keskiarvot, Averages of 1, 2 and 3 years old grasses

Lajike	Kokonaissato		1. niiton sato		Valk.-%	Poikkeamat mittarilajikkeiden tuloksista			Kuiva-aine-% Bot.anal.	
	kpl	kg/ha	sl	kg/ha		Peittävyys-%	Talvituho-%	Kuiva-aine-% Bot.anal.		
Variety	Total yield		Yield / 1st cut		Prot.-%	Differences from results of control variety			Dry matter-% Bot.anal.	
	trials	kg/ha	rel.	kg/ha		Autumn	Spring	Winter damage%		
IKI	102	8622	100	4837	12.7	91	85	8	20.4	95.4
BOTINIA II	88	8240	95***	4570	-2	-2	-4**	3*	.3*	-1.1
GRINDSTAD	42	10305	113***	5046	-4	1*	-3*	4*	1.9***	-7
HJAN TIIITI	97	8615	100	4570	.0	-1***	-3***	3**	.0	-.6
JONATAN	43	8619	100	4649	-.1	-1*	-2**	1*	.0	-.6
TUUKKA	72	8733	104***	4833	-.1	1	1	0	.1	1.8*
TIA	11	9812	106*	5088	.4	0	-1	0	1.8***	1.4
VEGA	28	8444	98	4953	-.5	0	-1	0	1.0**	.6
JO 0193	40	8704	103*	4738	-.6*	2**	2*	0	.0	.1
JO 0194	34	9026	99	5183	-.3	1	1	0	.0	1.0
HJA 72002	16	9538	109***	5085	.1	0	-2	2	.0	-1.8
HJA 80102	22	9530	105*	4835	-.7	1	-1	1	.2	-1.0
BOR 1342	8	8918	99	4792	.3	0	-1	0	.3	1.0
FUTI 8803	8	9265	103	4191	.6	-1	-8*	6	1.1*	1.9
KVTI 8801	8	9098	101	4395	.4	0	-3	2	1.0	-.7

Timotei, 1989-1996, Viralliset kokeet  
 Timothy, *Phleum pratense* L., 1989-1996, Official variety trials

1. 2. ja 3. vuoden nurmien tulokset, Results of 1st, 2nd and 3rd years old grasses

Lajike	Kok.sato 1.v		Kok.sato 2.v		Kok.sato 3.v		Talvihu-% poikkeamat mittarilajikkeen tuloksista		
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	1.v	2.v	3.v
Variety	Total yield 1st year		Total yield 2nd year		Total yield 3rd year		Winter damage % dirrerences from results of control variety		
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	1st year	2nd year	3rd year
IKI	36	8611 100	35	9404 100	30	7662 100	5	8	11
BOTINIA II	29	8459 97	31	8784 95*	26	7311 94*	3	2	4
GRINDSTAD	19	9896 112***	12	10981 112***	10	10144 118**	4	6	2
HJAN TIITI	35	8694 101	32	9217 100	26	7669 101	3*	2	3
JONATAN	19	8031 99	12	9766 98	11	8209 104	1	2	0
TUUKKA	26	8338 103	24	9418 102	20	8529 109***	1	1	-3
TIA	7	9599 108	2	10860 104	2	9510 104	2	1	-11
VEGA	14	8223 98	7	8874 99	6	8248 97	-1	-1	3
JO 0193	15	7893 103	13	9816 103	12	8512 102	0	0	1
JO 0194	14	8485 100	10	9819 98	9	8907 100	0	2	-2
HJA 72002	6	7872 104	5	10610 110**	4	10346 114*	1	3	2
HJA 80102	12	8629 100	5	10799 112	4	10333 111**	1	2	0
BOR 1342	7	8710 99	0	0	0	0	-1	0	0
FUJI 8803	7	9109 104	0	0	0	0	7	0	0
KVTI 8801	7	8936 102	0	0	0	0	3	0	0



Timotei, 1989-1996, Viralliset kokeet: Luokittelu vyöhykkeittäin  
 Timothy, *Phleum pratense* L., 1989-1996, Official variety trials: Classification according to zones

Lajike	Vyöhyke1 Talvituho		Vyöhyke2 Talvituho		Vyöhyke3 Talvituho		Vyöhyke4 Talvituho		Vyöhyke5 Talvituho	
	kpl	% sl	kpl	% sl	kpl	% sl	kpl	% sl	kpl	% sl
Variety	Zone 1 Winter damage		Zone 2 Winter damage		Zone 3 Winter damage		Zone 4 Winter damage		Zone 5 Winter damage	
	trials	% rel.	trials	% rel.	trials	% rel.	trials	% rel.	trials	% rel.
IKI	8	1.0 100	25	3.2 100	30	5.0 100	18	10.4 100	10	27.2 100
BOTINIA II	7	1.7 150	22	3.9 115	21	6.6 135	18	19.3 185*	10	29.6 109
GRINDSTAD	7	.6 80	11	1.5 229	13	8.8 165	5	29.6 247*	1	16.0 229
HJAN TIITI	8	1.1 113	22	3.7 103	30	8.0 162*	16	14.0 139	10	34.0 125
JONATAN	4	.3 100	8	.9 54	19	4.8 114	5	15.0 147	4	37.0 109
TUUKKA	5	.4 50	17	2.5 54	21	4.4 87	11	10.3 105	10	30.0 110
TIA	1	0.0	3	7.0 91	2	10.5 191	3	7.3 79	0	0.0
VEGA	4	.8 300	5	1.4 117	10	3.0 65	5	15.0 125	1	4.0 57
JO 0193	3	.7 200	10	1.0 59	18	4.8 91	3	11.7 90	4	18.0 141
JO 0194	3	1.0 300	4	1.5 100	19	5.3 102	5	11.4 112	1	4.0 57
HJA 72002	3	.7 200	2	2.5 100	8	7.5 171	2	6.5 108	0	0.0
HJA 80102	4	.3 100	3	.3 100	10	5.9 128	2	9.5 158	1	10.0 143
BOR 1342	1	0.0	1	0.0	2	6.5 118	2	3.0 50	1	8.0 114
FUTI 8803	1	0.0	1	0.0	2	14.0 255	2	15.0 250	1	13.0 186
KVTI 8801	1	0.0	1	0.0	2	10.5 191	2	6.5 108	1	12.0 171

Timotei, 1992-1996, Viralliset kokeet: Luokittelu vuosittain  
 Timothy, *Phleum pratense* L., 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha
Variety	trials	kg/ha	trials	kg/ha	trials	kg/ha	trials	kg/ha	trials	kg/ha
=C	16	7966	12	9656	14	7167	6	9650	13	9094
IKI	13	7455	9	8470	11	6065	5	9033	9	9345
BOTTINIA II	5	8504	11	4330	7	8590	6	11289	13	10934
GRINDSTAD	14	8553	11	9101	14	7024	5	9787	12	9192
HJAN TILITI	6	7697	6	9642	12	7207	6	9890	13	9288
JONATAN	8	7916	8	9114	10	6959	4	10302	11	9740
TUUKKA	0	0.0	0	0.0	0	0.0	0	0.0	5	9589
TIA	1	4270	0	0.0	6	7494	6	9508	13	8822
VEGA	7	8146	7	9741	10	7658	6	9831	7	9050
JO 0193	4	8660	4	1106	9	7512	6	9379	10	9239
JO 0194	0	0.0	0	0.0	5	7493	5	10610	6	10350
HJA 72002	0	0.0	0	0.0	5	8532	5	10799	12	9417
HJA 80102	0	0.0	0	0.0	0	0.0	0	0.0	8	8918
BOR 1342	0	0.0	0	0.0	0	0.0	0	0.0	8	9265
FUTI 8803	0	0.0	0	0.0	0	0.0	0	0.0	8	9098
KVTI 8801	0	0.0	0	0.0	0	0.0	0	0.0	10	101



Timotei, 1992-1996, Viralliset kokeet: Luokittelu vuosittain  
 Timothy, *Phleum pratense* L., 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	sl	kpl	sl	kpl	sl	kpl	sl	kpl	sl
Variety	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996	
	Winter damage trials	% rel.	Winter damage trials	% rel.	Winter damage trials	% rel.	Winter damage trials	% rel.	Winter damage trials	% rel.
=C	16	4.6	12	10.5	13	10.3	6	2.7	11	3.8
IKI	13	12.9	9	18.4	10	15.8	5	7.4	8	3.1
BOTINIA II	5	12.2	1	0.0	6	4.0	6	8.5	11	5.9
GRINDSTAD	14	4.3	11	12.9	13	16.4	5	8.2	10	6.8
HJAN TIITI	6	4.2	6	17.5	11	11.2	6	3.0	11	4.7
JONATAN										
TUUKKA	8	5.4	8	14.0	10	10.2	4	7.0	9	3.0
TIA	0	0.0	0	0.0	0	0.0	0	0.0	4	5.5
VEGA	1	47.0	0	0.0	5	3.8	6	1.5	11	1.8
JO 0193	7	2.0	7	9.3	9	4.7	6	3.2	6	4.2
JO 0194	4	5.0	4	10.8	8	4.8	6	5.5	9	4.1
HJA 72002	0	0.0	0	0.0	5	3.8	5	6.0	5	6.2
HJA 80102	0	0.0	0	0.0	4	3.5	5	5.0	11	4.6
BOR 1342	0	0.0	0	0.0	0	0.0	0	0.0	7	3.9
FUTI 8803	0	0.0	0	0.0	0	0.0	0	0.0	7	10.1
KVTI 8801	0	0.0	0	0.0	0	0.0	0	0.0	7	6.6

Nurminata, 1989-1996, Viralliset kokeet  
Meadow fescue, *Festuca pratensis* Huds., 1989-1996, Official variety trials

1. 2. ja 3. vuoden nurmien keskiarvot, Averages of 1, 2 and 3 years old grasses

Lajike	Kokonaissato		1. niiton sato		Valk.-%	Poikkeamat mitarilajikkeen tuloksista		Kuiva-aine-%	Bot.anal.		
	kpl	kg/ha	sl	sl		Peittävyys-%	Talvituho-%				
Variety	Total yield		Yield / 1st cut		Prot.-%	Differences from results of control variety		Dry matter-%	Bot.anal.		
	trials	kg/ha	rel.	kg/ha		Autumn	Spring				
	=C										
KALEVI	117	7688	100	3308	100	14.8	94	15	20.2	93.4	
ANTTI	99	8120	107***	3363	102	-.2	-1*	4***	-5***	-1.5**	1.1
BORIS	114	8099	105***	3386	102	.1	-1*	3*	-4***	-.9***	.5
KASPER	79	8157	106***	3411	101	.2	0	3**	-4***	-.7***	.1
SALTEN	111	8281	108***	3599	108***	-.2	-1	6***	-8***	-1.1***	1.4
REIU ruokonata	48	8402	122***	2990	99	.0	-1	6	-8**	-1.9***	-2.0
FURE	8	8704	105*	3035	94	-1.1	-1	-2	0	-2.0	-3.1
JO 0807	47	7848	108***	3289	106***	-.5	0	4*	-5**	-.7**	.6
BOR 0808	5	8789	101	3271	98	1.0	-3	0	-4	-2.1	-1.8
BOR 2181	8	8419	101	2922	91*	1.1	-1	3	-4	-1.9	-4.3

Nurminata, 1989-1996, Viralliset kokeet  
Meadow fescue, *Festuca pratensis* Huds., 1989-1996, Official variety trials

1. 2. ja 3. vuoden nurmien tulokset, Results of 1st, 2nd and 3rd years old grasses

Lajike	Kok.sato 1.v		Kok.sato 2.v		Kok.sato 3.v		Talvihuho-% poikkeamat mittarilajikkeen tuloksista		
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	1.v	2.v	3.v
Variety	Total yield 1st year		Total yield 2nd year		Total yield 3rd year		Winter damage % dirrerences from results of control variety		
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	1st year	2nd year	3rd year
=C									
KALEVI	39	8317 100	36	7819 100	39	7082 100	9	16	21
ANITI	34	8653 103*	31	8312 107***	29	7449 110***	-1	-6***	-9***
BORIS	38	8590 103*	35	8202 105***	38	7674 108***	-2**	-3	-7***
KASPER	28	8250 104*	25	8417 106***	24	7800 108**	-3**	-5**	-4
SALJEN	37	8571 103	34	8620 111***	37	7866 111***	-4**	-9***	-12***
REIU ruokonata	21	7697 103	14	8819 135***	12	9038 143***	1	-17*	-13
FURE	7	8684 104	0	0	0	0	-1	0	0
JO 0807	20	8445 106**	13	7646 111**	13	7042 111**	-3**	-6*	-6
BOR 0808	5	8789 101	0	0	0	0	-4	0	0
BOR 2181	7	8379 101	0	0	0	0	-5	0	0

Nurminata, 1989-1996, Viralliset kokeet: Luokittelu vyöhykkeittäin  
Meadow fescue, *Festuca pratensis* Huds., 1989-1996, Official variety trials: Classification according to zones

Lajike	Vyöhyke1		Vyöhyke2		Vyöhyke3		Vyöhyke4		Vyöhyke5	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Zone 1		Zone 2		Zone 3		Zone 4		Zone 5	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
=C										
KALEVI	7	9877 100	36	8178 100	42	8179 100	19	7147 100	13	4358 100
ANTTI	710159	103	23	8604 104*	37	8729 107***	19	7729 108**	13	5005 115*
BORIS	710210	103	33	8366 102	42	8646 106***	19	7546 106**	13	5322 122**
KASPER	6	9688 103	23	7974 101	27	8860 107***	13	8178 107***	10	5732 123**
SALTEN	710294	104	33	8417 103*	39	8720 106***	19	8189 115***	13	5669 130***
RETU ruokonata	410980	115	8	7394 111	16	9105 115*	10	9298 129***	10	6156 152**
FURE	111890	107	2	6485 101	210486	107	2	8811 107*	1	6180 96
JO 0807	4	9653 101	10	7750 103	17	8808 109***	9	7096 109**	7	5590 129*
BOR 0808	110660	96	2	6065 94	210579	108	0	0.0	0	0.0
BOR 2181	110720	97	2	6340 98	210410	106	2	8665 106	1	5800 90

Nurminata, 1989-1996, Viralliset kokeet: Luokittelu vyöhykkeittäin  
 Meadow fescue, *Festuca pratensis* Huds., 1989-1996, Official variety trials: Classification according to zones

Lajike	Vyöhyke1		Vyöhyke2		Vyöhyke3		Vyöhyke4		Vyöhyke5	
	Talvituho		Talvituho		Talvituho		Talvituho		Talvituho	
	kpl	% sl	kpl	% sl	kpl	% sl	kpl	% sl	kpl	% sl
Variety	Zone 1		Zone 2		Zone 3		Zone 4		Zone 5	
	Winter damage		Winter damage		Winter damage		Winter damage		Winter damage	
	trials	% rel.	trials	% rel.	trials	% rel.	trials	% rel.	trials	% rel.
=C	7	3.7 100	32	5.8 100	36	15.2 100	19	23.7 100	13	33.5 100
KALEVI	7	4.3 115	20	4.0 53*	30	9.5 62**	19	17.2 72*	13	25.8 77*
ANTTI	7	2.9 77	29	4.5 73	35	11.4 72**	19	19.2 81	13	23.0 69**
BORIS	6	2.5 75	21	5.6 98	24	10.0 66*	13	12.0 68**	10	22.9 70**
KASPER	7	2.7 73	29	4.0 64*	32	7.6 45***	19	10.6 45***	13	17.9 54**
SALTEN										
RETU ruokonata	4	3.3 650	7	4.7 57	16	10.5 66	10	11.4 59	10	15.2 45
FURE	1	0.0	1	4.0 80	2	14.5 94	2	5.0 167	1	15.0 79
JO 0807	4	.5 100	9	7.0 100	17	7.8 64*	9	23.4 82	7	19.9 60*
BOR 0808	1	0.0	1	0.0 0	2	9.5 61	0	0.0	0	0.0
BOR 2181	1	0.0	1	0.0 0	2	9.0 58	2	3.5 117	1	9.0 47

Nurminata, 1992-1996, Viralliset kokeet: Luokittelu vuosittain  
Meadow fescue, *Festuca pratensis* Huds., 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996						
	kpl	kg/ha	sl	rel.	kpl	kg/ha	sl	rel.	kpl	kg/ha	sl	rel.			
Variety	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996						
	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.			
=C	17	7161	100	13	6782	100	16	6426	100	7	7512	100	15	8050	100
KALEVI	15	7082	102	11	7406	116***	11	6528	111***	5	7718	107	13	8582	109*
ANITI	17	7558	106*	13	7503	111*	16	6761	105*	7	7836	104	15	8468	105
BORIS	6	6637	95	6	7050	115	13	7115	107*	7	7787	104	15	8864	110**
KASPER	16	7240	104	12	8009	121**	14	7155	111**	6	7754	104	14	8640	109*
SALITEN															
RETU ruokonata	7	7061	113	7	8830	151**	12	7959	122*	6	8917	119**	14	9203	116*
FURE	0	0.0		0	0.0		0	0.0		0	0.0		8	8704	105*
JO 0807	5	7296	110*	4	7322	123	12	7066	110**	7	7844	104	15	8556	106**
BOR 0808	0	0.0		0	0.0		0	0.0		0	0.0		5	8789	101
BOR 2181	0	0.0		0	0.0		0	0.0		0	0.0		8	8419	101

Nurminata, 1992-1996, Viralliset kokeet: Luokittelu vuosittain  
Meadow fescue, *Festuca pratensis* Huds., 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	Talvituhohu kpl	% sl	Talvituhohu kpl	% sl	Talvituhohu kpl	% sl	Talvituhohu kpl	% sl	Talvituhohu kpl	% sl
Variety	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996	
	Winter damage trials	% rel.	Winter damage trials	% rel.	Winter damage trials	% rel.	Winter damage trials	% rel.	Winter damage trials	% rel.
=C	16	14.8	13	30.7	15	16.5	7	6.3	14	11.6
KALEVI	14	12.8	11	20.4	11	17.7	5	2.6	12	7.3
ANTTI	16	11.0	13	18.8	15	11.9	7	3.7	14	8.4
BORIS	6	3.5	6	30.0	13	14.2	7	2.4	14	8.4
KASPER	15	7.4	12	11.8	13	12.1	6	1.7	13	6.7
SALTEN		48*		37***		65		24		54*
RETU ruokonata	7	6.0	7	13.3	12	13.3	6	6.2	13	8.3
FURE	0	0.0	0	0.0	0	0.0	0	0.0	7	8.3
JO 0807	5	13.8	4	28.3	12	12.5	7	2.3	14	9.4
BOR 0808	0	0.0	0	0.0	0	0.0	0	0.0	4	4.8
BOR 2181	0	0.0	0	0.0	0	0.0	0	0.0	7	4.9

Nurminata, 1989-1996, Viralliset kokeet  
Meadow fescue, *Festuca pratensis* Huds., 1989-1996, Official variety trials

1. 2. ja 3. vuoden nurmien keskiarvot, Averages of 1, 2 and 3 years old grasses

Lajike	Kokonaissato		1. niiton sato		Valk.-%	Poikkeamat mittari-lajikkeen tuloksista		Syksy	Kevät	Kuiva-aine-%	Bot.anal.
	kpl	kg/ha	sl	sl		Peittävyys-%	Talviuho-%				
Variety	Total yield trials	kg/ha	rel.	Yield / 1st cut	kg/ha	rel.	Prot.-%	Differences from results of control variety		Dry matter-%	Bot.anal.
								Autumn	Spring		
BORIS	114	8099	100	3386	100	14.9	92	81	12	19.3	93.8
ANTTI	96	8123	101	3388	99	-.3	0	1	-1	.5***	.4
KALEVI	114	7692	95***	3328	98	-.1	1*	-3*	4***	.9***	-.5
KASPER	76	8158	101	3443	101	.3	1	1	0	.4***	.4
SALTEN	108	8292	103**	3629	107***	-.2	0	4***	-4***	-.2	.8
RETU ruokonata	48	8402	114***	2990	96	.0	0	3	-2	-.8***	-1.5
FURE	8	8704	106	3035	108	-.9	6	6	2	.2	.8
JO 0807	47	7848	102	3289	103	-.5	2	3	-1	.4***	.1
BOR 0808	5	8789	102	3271	115	1.4	7	13	-3	.4	2.1
BOR 2181	8	8419	102	2922	104	1.3	7	10	-1	.3	-.4



Nurminata, 1989-1996, Viralliset kokeet  
Meadow fescue, *Festuca pratensis* Huds., 1989-1996, Official variety trials

1. 2. ja 3. vuoden nurmien tulokset, Results of 1st, 2nd and 3rd years old grasses

Lajike	Kok.sato 1.v		Kok.sato 2.v		Kok.sato 3.v		Talvituho-% poikkeamat mittarilajikkeen tuloksista		
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	1.v	2.v	3.v
Variety	Total yield 1st year		Total yield 2nd year		Total yield 3rd year		Winter damage % differences from results of control variety		
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	1st year	2nd year	3rd year
BORIS	38	8590 100	35	8202 100	38	7674 100	7	14	15
ANITTI	33	8669 100	30	8299 102	28	7458 100	1	-2	0
KALEVI	38	8330 97*	35	7808 95**	38	7096 92***	2**	3	7***
KASPER	27	8248 103	24	8405 101	23	7817 100	-1	0	2*
SALTEN	36	8587 101	33	8623 105**	35	7886 102	-2*	-6**	-5**
REIU ruokonata	21	7697 103	14	8819 123***	12	9038 125***	4*	-7	-7
FURE	7	8684 106	0	0	0	0	3	0	0
JO 0807	20	8445 103*	13	7646 104	13	7042 98	0	-4	1
BOR 0808	5	8789 102	0	0	0	0	-3	0	0
BOR 2181	7	8379 102	0	0	0	0	-2	0	0

Nurminata, 1989-1996, Viralliset kokeet: Luokittelu vyöhykkeittäin  
Meadow fescue, *Festuca pratensis* Huds., 1989-1996, Official variety trials: Classification according to zones

Lajike Variety	Vyöhyke1		Vyöhyke2		Vyöhyke3		Vyöhyke4		Vyöhyke5					
	kpl kg/ha	sl rel.	kpl kg/ha	sl rel.	kpl kg/ha	sl rel.	kpl kg/ha	sl rel.	kpl kg/ha	sl rel.				
	Zone 1		Zone 2		Zone 3		Zone 4		Zone 5					
	trials	kg/ha	trials	kg/ha	trials	kg/ha	trials	kg/ha	trials	kg/ha				
BORIS	710210	100	33	8366	100	42	8646	100	19	7546	100	13	5322	100
ANTTI	710159	99	20	8691	101	37	8729	102	19	7729	102	13	5005	94*
KALEVI	7 9877	97	33	8238	98	42	8179	95***	19	7147	95**	13	4358	82**
KASPER	6 9688	102	20	7950	101	27	8860	101	13	8178	102	10	5732	99
SALTEN	710294	101	30	8469	102	39	8720	100	19	8189	109*	13	5669	107*
RETU ruokonata	410980	115	8	7394	117**	16	9105	107	10	9298	122***	10	6156	119*
FURE	111890	104	2	6485	121*	210486	100		2	8811	108	1	6180	96
JO 0807	4 9653	101	10	7750	105	17	8808	102	9	7096	104	7	5590	97
BOR 0808	110660	94	2	6065	113	210579	100		0	0.0		0	0.0	
BOR 2181	110720	94	2	6340	119	210410	99		2	8665	106	1	5800	90

Nurminata, 1989-1996, Viralliset kokeet: Luokittelu vyöhykkeittäin  
Meadow fescue, *Festuca pratensis* Huds., 1989-1996, Official variety trials: Classification according to zones

Lajike	Vyöhyke1		Vyöhyke2		Vyöhyke3		Vyöhyke4		Vyöhyke5						
	Talvituho	sl	Talvituho	sl	Talvituho	sl	Talvituho	sl	Talvituho	sl					
Variety	Zone 1		Zone 2		Zone 3		Zone 4		Zone 5						
	Winter damage	rel.	Winter damage	rel.	Winter damage	rel.	Winter damage	rel.	Winter damage	rel.					
	trials	%	trials	%	trials	%	trials	%	trials	%					
=C	7	2.9	100	29	4.5	100	35	11.4	100	19	19.2	100	13	23.0	100
BORIS	7	4.3	150	17	4.4	69	30	9.5	89	19	17.2	89	13	25.8	112
ANITI	7	3.7	130	29	6.2	137	35	15.2	137**	19	23.7	123	13	33.5	145**
KALEVI	6	2.5	107	18	6.1	104	24	10.0	100	13	12.0	99	10	22.9	111
KASPER	7	2.7	95	26	4.2	85*	32	7.6	65**	19	10.6	55*	13	17.9	78**
SALTEN															
REJU ruokonata	4	3.3	650	7	4.7	48	16	10.5	99	10	11.4	84	10	15.2	71
FURE	1	0.0		1	4.0	200	2	14.5	100	2	5.0	125	1	15.0	375
JO 0807	4	.5	100	9	7.0	91	17	7.8	94	9	23.4	83	7	19.9	115
BOR 0808	1	0.0		1	0.0	0	2	9.5	66	0	0.0		0	0.0	
BOR 2181	1	0.0		1	0.0	0	2	9.0	62	2	3.5	88	1	9.0	225

Nurminata, 1992-1996, Viralliset kokeet: Luokittelu vuosittain  
Meadow fescue, *Festuca pratensis* Huds., 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996	
	kg/ha	rel.	kg/ha	rel.	kg/ha	rel.	kg/ha	rel.	kg/ha	rel.
=C	17 7558	100	13 7503	100	16 6761	100	7 7836	100	15 8468	100
BORIS	15 7082	95	11 7406	102	11 6528	102	5 7718	102	13 8582	103
ANITI	17 7161	95*	13 6782	90*	16 6426	95*	7 7512	96	15 8050	95
KALEVI	6 6637	93	6 7050	99	13 7115	101	7 7787	99	15 8864	105*
KASPER	16 7240	98	12 8009	108*	14 7155	105**	6 7754	100	14 8640	103
SALTEN										
REJU ruokonata	7 7061	110	7 8830	132**	12 7959	114*	6 8917	115	14 9203	110*
FURE	0 0.0		0 0.0		0 0.0		0 0.0		8 8704	106
JO 0807	5 7296	99	4 7322	106	12 7066	103	7 7844	100	15 8556	101
BOR 0808	0 0.0		0 0.0		0 0.0		0 0.0		5 8789	102
BOR 2181	0 0.0		0 0.0		0 0.0		0 0.0		8 8419	102

Nurminata, 1992-1996, Viralliset kokeet: Luokittelu vuosittain  
Meadow fescue, *Festuca pratensis* Huds., 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	Talvituhon kpl	% sl	Talvituhon kpl	% sl	Talvituhon kpl	% sl	Talvituhon kpl	% sl	Talvituhon kpl	% sl
Variety	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996	
	Winter damage trials	% rel.	Winter damage trials	% rel.	Winter damage trials	% rel.	Winter damage trials	% rel.	Winter damage trials	% rel.
=C	16	11.0 100	13	18.8 100	15	11.9 100	7	3.7 100	14	8.4 100
BORIS	14	12.8 102	11	20.4 92	11	17.7 119	5	2.6 59	12	7.3 79
ANITI	16	14.8 134*	13	30.7 164**	15	16.5 138	7	6.3 169	14	11.6 137
KALEVI	6	3.5 150	6	30.0 105	13	14.2 115	7	2.4 65	14	8.4 99
KASPER	15	7.4 64	12	11.8 62	13	12.1 92	6	1.7 42	13	6.7 74*
SALTEN										
RETU ruokonata	7	6.0 57	7	13.3 54	12	13.3 99	6	6.2 154	13	8.3 92
FURE	0	0.0	0	0.0	0	0.0	0	0.0	7	8.3 135
JO 0807	5	13.8 90	4	28.3 92	12	12.5 98	7	2.3 62	14	9.4 111
BOR 0808	0	0.0	0	0.0	0	0.0	0	0.0	4	4.8 61
BOR 2181	0	0.0	0	0.0	0	0.0	0	0.0	7	4.9 79

Koiranheinä, 1989-1996, Viralliset kokeet  
 Cocksfoot, *Dactylis glomerata* L., 1989-1996, Official variety trials

I. 2. ja 3. vuoden nurmien keskiarvot, Averages of 1, 2 and 3 years old grasses

Lajike	Kokonaissato		I. niiton sato		Valk.-%	Poikkeamat mittarilajikkeen tuloksista		Differences from results of control variety				
	kpl	kg/ha	kg/ha	sl		Peittävyys-%	Talvituho-%	Kuiva-aine-%	Bot.anal.			
Variety	Total yield	kg/ha	rel.	Yield / 1st cut	kg/ha	rel.	Prot.-%	Covering-%	Winter damage %	Dry matter-%	Bot.anal.	
	trials	kg/ha	rel.	kg/ha	rel.			Autumn	Spring			
HAKA	=C	63	8826	100	2947	100	15.9	95	86	7	19.1	94.2
APELSVOLL		34	9214	99	3269	102	.0	0	2	-2	.4**	-1.1
TATU		47	8445	100	2640	97*	-.1	0	-1	1	-.6***	-2.4
TATU	=C	47	8445	100	2640	100	16.7	95	85	10	18.2	90.7
APELSVOLL		18	8726	101	3009	108***	-.8	-1	3	-4	.8**	-.9
HAKA		47	8418	100	2733	104*	.1	0	1	-1	.6***	2.4

Koiranheinä, 1989-1996, Viralliset kokeet  
 Cocksfoot, *Dactylis glomerata* L., 1989-1996, Official variety trials

1. 2. ja 3. vuoden nurmien tulokset, Results of 1st, 2nd and 3rd years old grasses

Lajike	Kok.sato 1.v		Kok.sato 2.v		Kok.sato 3.v		Talvituho-% poikkeamat		
	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha	1.v	2.v	3.v
Variety	Total yield 1st year		Total yield 2nd year		Total yield 3rd year		Winter damage % differences from results of control variety		
	trials	kg/ha	trials	kg/ha	trials	kg/ha	1st year	2nd year	3rd year
HAKA	17	9129	21	9137	24	8648	2	8	9
APELSVÖLL	11	9195	10	9967	11	9188	1	-3	-1
TATU	11	8275	16	8812	19	8605	2	0	0
			rel.	rel.	rel.	rel.			
=C	11	8275	16	8812	19	8605	4	10	10
TATU	5	8908	6	9552	6	8928	0	-2	-4
APELSVÖLL	11	8534	16	8906	19	8346	-2	0	0
HAKA									

Koiranheinä, 1989-1996, Viralliset kokeet: Luokittelu vyöhykkeittäin  
 Cocksfoot, *Dactylis glomerata* L., 1989-1996, Official variety trials: Classification according to zones

Lajike	Vyöhyke1		Vyöhyke2		Vyöhyke3		Vyöhyke4		Vyöhyke5				
	kpl	kg/ha	sl	kg/ha	sl	kg/ha	sl	kg/ha	sl	kg/ha			
Variety	Zone 1		Zone 2		Zone 3		Zone 4		Zone 5				
	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	
HAKA	6	8408	100	34	8913	100	23	8807	100	0	0.0	0	0.0
APELSVOLL	3	9340	95	21	9334	99	10	8925	100	0	0.0	0	0.0
TATU	3	7400	106	24	8477	100	20	8563	99	0	0.0	0	0.0
HAKA	3	7400	100	24	8477	100	20	8563	100	0	0.0	0	0.0
APELSVOLL	0	0.0		11	8768	99	7	8660	104	0	0.0	0	0.0
TATU	3	6950	94	24	8441	100	20	8612	101	0	0.0	0	0.0



Koiranheinä, 1989-1996, Viralliset kokeet: Luokittelu vyöhykkeittäin  
 Cocksfoot, *Dactylis glomerata* L., 1989-1996, Official variety trials: Classification according to zones

Lajike	Vyöhyke1		Vyöhyke2		Vyöhyke3		Vyöhyke4		Vyöhyke5	
	Talvituhoh kpl	% sl	Talvituhoh kpl	% sl	Talvituhoh kpl	% sl	Talvituhoh kpl	% sl	Talvituhoh kpl	% sl
Variety	Zone 1		Zone 2		Zone 3		Zone 4		Zone 5	
	Winter damage trials	% rel.	Winter damage trials	% rel.	Winter damage trials	% rel.	Winter damage trials	% rel.	Winter damage trials	% rel.
HAKA	3	0.0	32	4.8	23	11.9	0	0.0	0	0.0
APELSVOILL	2	0.0	19	3.7	10	5.8	0	0.0	0	0.0
TATU	1	0.0	23	6.6	20	13.5	0	0.0	0	0.0
TATU	1	0.0	23	6.6	20	13.5	0	0.0	0	0.0
APELSVOILL	0	0.0	10	4.7	7	5.9	0	0.0	0	0.0
HAKA	1	0.0	23	5.6	20	12.6	0	0.0	0	0.0

Koiranheinä, 1992-1996, Viralliset kokeet: Luokittelu vuosittain  
 Cocksfoot, *Dactylis glomerata* L., 1992-1996, Official variety trials: Classification according to years

Lajike Variety	V 1992		V 1993		V 1994		V 1995		V 1996	
	kg/ha	sl	kg/ha	sl	kg/ha	sl	kg/ha	sl	kg/ha	sl
	Year	rel.	Year	rel.	Year	rel.	Year	rel.	Year	rel.
HAKA	11 8811	100	8 9015	100	7 5991	100	110620	100	1 9530	100
APELSVOLL	6 8775	97	3 9563	100	1 1650	114	0	0.0	0	0.0
TATU	7 8819	100	7 8532	97	7 5729	96	1 9970	94	1 9760	102
HAKA	7 8819	100	7 8532	100	7 5729	100	1 9970	100	1 9760	100
APELSVOLL	2 9440	97	2 8825	101	1 1650	118	0	0.0	0	0.0
HAKA	7 8826	100	7 8774	103	7 5991	105	110620	107	1 9530	98

Koiranheinä, 1992-1996, Viralliset kokeet: Luokittelu vuosittain  
 Cocksfoot, *Dactylis glomerata* L., 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	Talviuho kpl	% sl	Talviuho kpl	% sl	Talviuho kpl	% sl	Talviuho kpl	% sl	Talviuho kpl	% sl
Variety	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996	
	Winter damage %	rel.	Winter damage %	rel.	Winter damage %	rel.	Winter damage %	rel.	Winter damage %	rel.
HAKA	11	3.4	8	12.6	7	17.7	1	1.0	1	3.0
APELSVOLL	6	4.8	3	4.0	1	15.0	0	0.0	0	0.0
TATU	7	1.9	7	18.1	7	22.1	1	1.0	1	7.0
		186		126*		125		100		233
=C										
TATU	7	1.9	7	18.1	7	22.1	1	1.0	1	7.0
APELSVOLL	2	.5	2	6.0	1	15.0	0	0.0	0	0.0
HAKA	7	1.0	7	14.4	7	17.7	1	1.0	1	3.0
		54		80*		80		100		43
=C										

Englanninraiheinä, 1989-1996, Viralliset kokeet  
 Perennial rye-grass, *Lolium perenne* L., 1989-1996, Official variety trials

1. 2. ja 3. vuoden nurmien keskiarvot, Averages of 1, 2 and 3 years old grasses

Lajike	Kokonaissato		1. niiton sato		Poikkeamat mittarilajikkeen tuloksista		
	kpl	kg/ha sl	kg/ha	sl	Valk.-%		
Variety	Total yield		Yield / 1st cut		Differences from results of control variety		
	trials	kg/ha rel.	kg/ha	rel.	Prot.-%		
RIIKKA	=C	15	8876	100	3917	100	13.3
NORLEA		12	8368	97	3575	97	.2
SVEA		11	8413	97	3212	87***	.3

1. 2. ja 3. vuoden nurmien tulokset, Results of 1st, 2nd and 3rd years old grasses

Lajike	Kok.sato 1.v		Kok.sato 2.v		Kok.sato 3.v		Talvihuho-% poikkeamat mittarilajikkeen tuloksista						
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	1.v	2.v	3.v				
Variety	Total yield 1st year		Total yield 2nd year		Total yield 3rd year		Winter damage % differences from results of control variety						
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	1st year	2nd year	3rd year				
RIIKKA	=C	6	8940	100	5	8392	100	4	9388	100	11	21	15
NORLEA		5	8848	99	4	7660	97	3	8513	94	4	6	-3
SVEA		5	8296	93	4	7853	99	2	9825	103	11	20*	0

Englanninraiheinä, 1992-1996, Viralliset kokeet: Luokiteltu vyöhykkeittäin  
 Perennial rye-grass, *Lolium perenne* L., 1992-1996, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1		Vyöhyke 2		Vyöhyke 3		Vyöhyke 4		Vyöhyke 5				
	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha			
Variety	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5			
	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	
RIIKKA	=C	0	0.0	12	8652	100	3	9775	100	0	0.0	0	0.0
NORLEA		0	0.0	9	8033	98	3	9374	96	0	0.0	0	0.0
SVEA		0	0.0	8	8385	102	3	8487	87	0	0.0	0	0.0
Lajike	Vyöhyke1		Vyöhyke2		Vyöhyke3		Vyöhyke4		Vyöhyke5				
	Talvituho	%	sl	Talvituho	%	sl	Talvituho	%	sl	Talvituho	%	sl	
Variety	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5			
	Winter damage	%	rel.	Winter damage	%	rel.	Winter damage	%	rel.	Winter damage	%	rel.	
RIIKKA	=C	0	0.0	11	10.9	100	3	31.7	190	0	0.0	0	0.0
NORLEA		0	0.0	9	11.7	101	3	42.3	134	0	0.0	0	0.0
SVEA		0	0.0	8	21.8	179	3	56.6	153	0	0.0	0	0.0

Englanninraiheinä, 1992-1996, Viralliset kokeet: Luokittelu vuosittain  
 Perennial rye-grass, *Lolium perenne* L., 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996				
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	
	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996				
Variety	kg/ha	rel.	kg/ha	rel.	kg/ha	rel.	kg/ha	rel.	kg/ha	rel.	kg/ha	rel.	
RIIKKA	0	0.0	0	0.0	5	8911	100	4	7910	100	2	9516	100
NORLEA	0	0.0	0	0.0	5	8848	99	4	7660	97	2	9275	97
SVEA	0	0.0	0	0.0	5	8296	93	4	7853	99	2	9825	103

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996				
	kpl	%	sl	Talvituho	kpl	%	sl	Talvituho	kpl	%	sl		
	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996				
Variety	%	rel.	kg/ha	rel.	kg/ha	rel.	kg/ha	rel.	kg/ha	rel.	kg/ha	rel.	
RIIKKA	0	0.0	0	0.0	5	12.6	100	4	22.5	100	2	19.5	100
NORLEA	0	0.0	0	0.0	5	16.4	130	4	28.3	126	2	16.0	82
SVEA	0	0.0	0	0.0	5	23.4	186	4	42.0	187*	2	19.5	100

Italianraiheinä, 1989-1996, Viralliset kokeet  
 Italian rye-grass, *Lolium multiflorum* Lam., 1989-1996, Official variety trials

Lajike	Kokonaissato		1. niiton sato		Poikkeamat mittarilajikkeen tuloksista	
	kpl	kg/ha sl	kg/ha	sl	Valk.-%	
Variety	Total yield		Yield / 1st cut		Differences from results of control variety	
	trials	kg/ha rel.	kg/ha	rel.	Prot.-%	
MITOS (4N)	=C	32 7688 100	2452 100		18.8	
ATOS		16 7808 101	2693 104		.0	
FABIO		8 8419 103	2788 109		-.2	
MEROA		4 7372 104	2250 108		.3	
VIOLIN		12 7889 97	2661 94		.7	

Luokittelu vuosittain, Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
MITOS (4N)	=C	0 0.0	0 0.0	16 8091.100	8 8728 100	8 8728 100	8 5845 100			
ATOS		0 0.0	0 0.0	8 7691 100	4 9352 104*	4 6500 100	4 6500 100			
FABIO		0 0.0	0 0.0	4 7816 101	210038 106	210038 106	2 8005 102			
MEROA		0 0.0	0 0.0	2 6971 101	1 8115 112	1 7430 103	1 7430 103			
VIOLIN		0 0.0	0 0.0	6 7700 96	3 9153 98	3 7003 97	3 7003 97			

Italianraiheinä, 1989-1996, Viralliset kokeet: Luokittelu vyöhykkeittäin  
 Italian rye-grass, *Lolium multiflorum* Lam., 1989-1996, Official variety trials: Classification according to zones

Lajike	Vyöhyke1		Vyöhyke2		Vyöhyke3		Vyöhyke4		Vyöhyke5	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Zone 1		Zone 2		Zone 3		Zone 4		Zone 5	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
MITOS (4N)	=C	4 7356 100	4 6555 100	4 8072 100	4 9282 100	4 7078 100				
AIOS		0 0.0	4 6654 102	4 8068 100	4 9263 100	4 7250 102				
FABIO		0 0.0	0 0.0	0 0.0	4 9379 101	4 7459 105				
MEROA		0 0.0	0 0.0	0 0.0	0 0.0	4 7372 104				
VIOLIN		0 0.0	0 0.0	4 7458 92	4 8939 96	4 7270 103				



Puna-apila, 1989-1996, Viralliset kokeet  
Red clover, *Trifolium pratense* L., 1989-1996, Official variety trials

1. 2. ja 3. vuoden nurmien keskiarvot, Averages of 1, 2 and 3 years old grasses

Lajike	Kokonaissato		1. niiton sato		Valik.-% Syksy	Poikkeamat mittarilajikkeen tuloksista		Kuiva-aine-% Bot.anal.		
	kpl	kg/ha	kg/ha	sl		Peittävyys-% Kevät	Talvituho-% Bot.anal.			
Variety	Total yield		Yield / 1st cut		Prot.-%	Differences from results of control variety		Dry matter-% Bot.anal.		
	trials	kg/ha	kg/ha	rel.		Autumn	Spring			
HJAN VENLA =C	71	5718	100	3746	14.9	68	47	32	21.0	56.5
BJURSELE	71	5524	97	3919	.3	5	9***	-10***	-2	1.1
BJÖRN	55	6344	102	4337	.0	5***	8***	-7***	.1	3.0
JESPER	57	6400	112***	4467	.0	13***	15***	-9***	-.5	6.0**
JOKIOINEN PUNA_APIILA	10	4752	160***	3406	-.2	37**	29**	-1	-1.0	13.3*
TEPA	64	6123	110**	4097	.5*	7*	9***	-6**	-1.5***	3.5*
BETTY	0	0		0	0.0	0	0	0	0.0	0.0
JO 0891	11	4697	170***	3291	-.7	35**	29**	-5	-1.7*	14.9**
BJURSELE =C	85	5621	100	4038	15.3	74	59	19	20.5	58.7
BJÖRN	65	6562	113***	4536	-.5	7**	4*	3	.0	4.7*
HJAN VENLA	71	5718	104	3746	-.3	-5	-9***	10***	.2	-1.1
JESPER	70	6518	116***	4586	-.2	8***	5**	1	-.4	5.2*
JOKIOINEN PUNA_APIILA	20	4944	96	3694	-.4	0	-7**	10**	.3	-4.2
TEPA	75	6040	113***	4085	.2	1	-1	5*	-1.2***	2.2
BETTY	7	6378	110	4731	.3	-1	4	1	-1.7	6.5*
JO 0891	20	5582	104	3970	-.5	-1	-3*	4*	-.3	-1.4

Puna-apila, 1989-1996, Viralliset kokeet  
Red clover, *Trifolium pratense* L., 1989-1996, Official variety trials

1. 2. ja 3. vuoden nurmien tulokset, Results of 1st, 2nd and 3rd years old grasses

Lajike	Kok.sato 1.v		Kok.sato 2.v		Kok.sato 3.v		Talvituho-% poikkeamat		
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	1.v	2.v	3.v
Variety	Total yield 1st year		Total yield 2nd year		Total yield 3rd year		Winter damage % differences from results of control variety		
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	1st year	2nd year	3rd year
HJAN VENLA =C	25	6832 100	27	6030 100	19	3809 100	22	36	38
BJURSELE	25	5827 85	26	5889 100	19	4509 118*	-8	-11**	-11*
BJÖRN	19	7525 97	18	7122 105	16	4054 111	-3	-13**	-5
JESPER	19	7453 102	21	6311 116**	16	5058 128***	-8	-10*	-8**
JOKIOINEN PUNA APILA	4	5463 183**	4	4242 132	2	4449 143	-15	1	5
TEPA	22	6941 104	23	6477 112*	18	4476 117*	-9	-9*	-1
BETTY	0	0	0	0	0	0	0	0	0
JO 0891	5	4518 179*	4	4592 143	2	5616 176	-13	-3	-4
BJURSELE =C	33	5695 100	29	6201 100	22	4580 100	12	24	23
BJÖRN	26	7203 123***	20	7586 112**	17	4398 97	2	-1	8*
HJAN VENLA	25	6832 117	26	5898 100	19	3809 84*	8	11**	11*
JESPER	27	6993 118**	24	6741 118***	18	5319 110*	1	1	1
JOKIOINEN PUNA APILA	11	5136 101	5	3906 82	3	4449 96	9*	19	5
TEPA	29	6676 120**	25	6558 112**	20	4333 101	2	3	10*
BETTY	6	5880 113	0	0	0	0	1	0	0
JO 0891	8	4674 102	6	6073 97	5	5549 114	6	11*	0

Puna-apila, 1989-1996, Viralliset kokeet: Luokittelu vyöhykkeittäin  
 Red clover, *Trifolium pratense* L., 1989-1996, Official variety trials: Classification according to zones

Lajike Variety	Vyöhyke 1		Vyöhyke 2		Vyöhyke 3		Vyöhyke 4		Vyöhyke 5	
	kpl kg/ha	sl rel.	kpl kg/ha	sl rel.	kpl kg/ha	sl rel.	kpl kg/ha	sl rel.	kpl kg/ha	sl rel.
	Zone 1 trials	kg/ha rel.	Zone 2 trials	kg/ha rel.	Zone 3 trials	kg/ha rel.	Zone 4 trials	kg/ha rel.	Zone 5 trials	kg/ha rel.
HJAN VENJA =C	9	6486 100	29	6943 100	26	4654 100	7	3604 100	0	0.0
BJURSELE	9	5391 83	29	6293 91*	26	5121 110	7	4007 111	0	0.0
BJÖRN	5	7630 101	26	7477 103	19	4990 98	5	4316 126	0	0.0
JESPER	9	7524 116*	21	7544 108*	24	5603 115*	3	1400 119	0	0.0
JOKIOINEN PUNA-APILA	2	5685 167	3	5205 133	5	4106 185*	0	0.0	0	0.0
TEPA	9	7676 118	22	6999 101	26	5517 119**	7	3629 101	0	0.0
BETTY	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
JO 0891	2	5890 173*	3	5208 133	6	4043 206*	0	0.0	0	0.0
BJURSELE =C	11	5274 100	34	6577 100	28	5124 100	12	4390 100	0	0.0
BJÖRN	6	7249 156	31	7753 115***	21	5175 101	7	4863 105	0	0.0
HJAN VENJA	9	6486 120	29	6943 110*	26	4654 91	7	3604 90	0	0.0
JESPER	11	7268 138*	26	7854 121***	26	5636 106*	7	3653 91	0	0.0
JOKIOINEN PUNA-APILA	4	5775 114	5	5683 106	7	4414 93	4	4116 72	0	0.0
TEPA	11	7366 140**	24	6976 114**	28	5666 111*	12	3823 87**	0	0.0
BETTY	1	5350 106	2	6290 103	2	6715 130*	2	6644 103	0	0.0
JO 0891	3	5973 118	6	7631 105	6	4043 102	5	4735 96	0	0.0

Puna-apila, 1989-1996, Viralliset kokeet: Luokiteltu vyöhykkeittäin  
 Red clover, *Trifolium pratense* L., 1989-1996, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1		Vyöhyke 2		Vyöhyke 3		Vyöhyke 4		Vyöhyke 5					
	Talvituho kpl %	sl	Talvituho kpl %	sl	Talvituho kpl %	sl	Talvituho kpl %	sl	Talvituho kpl %	sl				
Variety	Zone 1		Zone 2		Zone 3		Zone 4		Zone 5					
	Winter damage trials %	rel.	Winter damage trials %	rel.	Winter damage trials %	rel.	Winter damage trials %	rel.	Winter damage trials %	rel.				
HJAN VENLA =C	8	24.4	100	26	26.0	100	23	40.6	100	7	34.1	100	0	0.0
BJURSELE	8	10.8	44	26	15.3	59**	23	33.0	81*	7	23.3	68	0	0.0
BJÖRN	4	9.5	66	24	19.1	70***	16	39.1	92	5	22.6	67	0	0.0
JESPER	8	8.5	35	18	19.7	73**	21	32.3	81**	3	39.3	80	0	0.0
JOKIOINEN PUNA-APIILA	2	17.5	47	2	7.0	67	5	41.6	121	0	0.0	0	0	0.0
TEPA	8	14.9	61	20	22.4	88	23	31.6	78*	7	32.1	94	0	0.0
BETTY	0	0.0		0	0.0		0	0.0		0	0.0		0	0.0
JO 0891	2	8.0	21	2	4.0	38	6	44.5	110	0	0.0		0	0.0
BJURSELE =C	10	8.6	100	30	13.6	100	24	31.8	100	10	17.0	100	0	0.0
BJÖRN	5	7.6	136	28	17.1	120	17	37.5	115	5	22.6	89	0	0.0
HJAN VENLA	8	24.4	227	26	26.0	169**	23	40.6	123*	7	34.1	147	0	0.0
JESPER	10	6.8	79	22	16.8	117	22	31.6	104	5	26.2	114	0	0.0
JOKIOINEN PUNA-APIILA	4	8.8	269	3	4.7	175	6	38.7	149*	2	24.0	686	0	0.0
TEPA	10	11.9	138	21	21.3	169**	24	30.5	96	10	28.5	168*	0	0.0
BETTY	1	0.0		1	7.0		1	1.0	20	0	0.0		0	0.0
JO 0891	3	5.3	123	5	6.8	213	6	44.5	121	3	4.0	171	0	0.0

Puna-apila, 1992-1996, Viralliset kokeet: Luokittelu vuosittain  
 Red clover, *Trifolium pratense* L., 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha	kpl	kg/ha
Variety	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996	
	trials	kg/ha	trials	kg/ha	trials	kg/ha	trials	kg/ha	trials	kg/ha
	rel.		rel.		rel.		rel.		rel.	
HJAN VENLA =C	13	4861	9	6646	5	3052	4	2914	2	3036
BJURSELE	13	4336	9	7609	5	5140	4	4488	2	4707
BJÖRN	11	5425	8	7549	1	4110	0	0.0	0	0.0
JESPER	7	5154	4	6506	4	5675	4	5519	2	5319
JOKIOINEN PUNA-APILA	0	0.0	0	0.0	4	5463	4	4242	2	4349
TEPA	11	4283	7	7347	5	5608	4	5320	2	5282
BETTY	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
JO 0891	1930.0	133	0	0.0	4	5415	4	4592	2	5354
BJURSELE =C	13	4336	9	7609	7	5257	6	6167	12	5406
BJÖRN	11	5425	8	7549	2	6030	114070	107	8	6948
HJAN VENLA	13	4861	9	6646	5	3052	4	2914	2	3036
JESPER	7	5154	4	6506	6	5600	6	6783	11	6595
JOKIOINEN PUNA-APILA	0	0.0	0	0.0	5	4762	5	3906	10	5554
TEPA	11	4283	7	7347	6	5078	5	5080	11	5917
BETTY	0	0.0	0	0.0	0	0.0	0	0.0	7	6378
JO 0891	1930.0	100	0	0.0	6	5438	6	6073	7	5949

Puna-apila, 1992-1996, Viralliset kokeet: Luokittelu vuosittain  
 Red clover, *Trifolium pratense* L., 1992-1996, Official variety trials: Classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	Talviuho kpl	% sl	Talviuho kpl	% sl	Talviuho kpl	% sl	Talviuho kpl	% sl	Talviuho kpl	% sl
Variety	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996	
	Winter damage trials	% rel.	Winter damage trials	% rel.	Winter damage trials	% rel.	Winter damage trials	% rel.	Winter damage trials	% rel.
HJAN VENLA =C	12	29.1 100	9	35.6 100	5	33.8 100	3	29.0 100	2	30.0 100
BJURSELE	12	18.9 65*	9	24.1 68	5	10.2 30	3	30.7 106	2	27.0 90
BJÖRN	10	23.6 81	8	26.1 84	1	45.0 94	0	0.0	0	0.0
JESPER	6	22.5 63*	4	36.3 68**	4	8.0 26	3	36.3 125	2	34.0 113
JOKIOINEN PUNA-APIILA	0	0.0	0	0.0	4	15.8 52	3	41.3 143	2	35.0 117
TEPA	10	27.7 86	7	35.0 93	5	12.4 37	3	29.0 100	2	35.0 117
BETTY	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
JO 0891	1	87.0 123	0	0.0	4	10.0 33	3	37.3 129	2	26.0 87
BJURSELE =C	12	18.9 100	9	24.1 100	7	8.9 100	5	19.2 100	8	7.4 100
BJÖRN	10	23.6 133	8	26.1 114	2	28.0 193	1	11.0 275	4	3.0 240
HJAN VENLA	12	29.1 154*	9	35.6 147	5	33.8 331	3	29.0 95	2	30.0 111
JESPER	6	22.5 114	4	36.3 87	6	8.0 130	5	24.0 125	7	12.1 144
JOKIOINEN PUNA-APIILA	0	0.0	0	0.0	5	17.4 264	4	37.0 161	6	15.7 159
TEPA	10	27.7 129	7	35.0 120	6	12.5 129	4	26.0 113	7	15.3 181
BETTY	0	0.0	0	0.0	0	0.0	0	0.0	3	2.7 160
JO 0891	1	87.0 126	0	0.0	6	9.8 159	5	26.2 136	5	10.4 96

Punanata, 1989-1996, Viralliset kokeet  
Red fescue, *Festuca rubra* L., 1989-1996, Official variety trials

Poikkeamat mittalajikkeen tuloksista, Differences from results of control variety

Lajike	Vierpeittävyys keskimäärin	kpl	%	sl	Tihelys		Kevät	Talvi- tuho-%	Kasvu cm	Kasvuun lähtö pv lkm	Väriin kesto	Vierpeittävyys Kevät I	Keskikesä
					Syksy	Kevät							
Variety	Green cover in average trials	%	rel.	Density		Autunnin	Spring	Winter damage %	Growth cm	Beginning of growth d	Strength of colour	Spring I	Midsummer
==C	87	72	100	92	77	77	14	46	25	64	58	75	
CENTER FRC	53	70	94***	-4**	-6***	3	9***	1	-5***	-3	-3*		
CINDY FRR	71	65	91***	-3***	-6***	5**	11***	1	-2*	-7***	-5***		
ENSYLVA FRR	38	73	101	-1	4**	-6***	8***	-1**	-2	7***	-1		
EPSOM FRC	34	74	96*	0	-5*	4	11***	1	-2	-2	-1		
HERALD FRR	74	70	97***	-1	0	-2	6***	-1*	2*	0	-2**		
JULISKA FRC	48	69	97***	-3***	-2	0	2**	0	2	-2	-2*		
LUSTER FRC	25	73	98	-2*	-1	-1	4***	0	0	0	-2*		
MEDINA FRC	38	66	89***	-7***	-5*	-1	6***	2	-17***	-5*	-7***		
NÄPSÄ FRT	20	71	96**	-1*	-1	-1	3*	-1	-1	-2	-4*		
RAYMOND FRC	25	72	96**	-1	-2	0	0	0	-1	-3	-2*		
SIMONE FRC	22	66	86***	-4*	-15***	11**	-7***	2	2	-20***	-8**		
BARBUR FOD	16	68	92**	-2*	-11**	9*	-7***	4*	0	-16**	-2		
BARLANDER FRT	10	69	88**	-2	-7	6	8***	-3	-3	-14*	-8*		
BARLOTTE FRT	10	73	94**	0	-12	12	-2	1	3	-11*	-2		
BAROXI FRC	10	69	89**	-3	-12**	9	8***	-3	-1	-12**	-8*		
BARSKOL FRT	10	74	95**	-1*	-4	3	7**	1	-2	-7*	-3		
CORAIL FRR	16	74	99	-1	-1	0	-4*	-2	0	3	-1		
DARWIN FRC	34	64	86***	-4**	-15***	13***	9***	6***	-6*	-17***	-7***		
DIEGO FRR	4	84	107	2	14	-13	12***	-6	0	12	-5		
FELIX FRR													

jatkuu

Punanata, 1989-1996, Viralliset kokeet  
Red fescue, *Festuca rubra* L., 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viherpeittävyys keskimäärin		Tiheys		Talvi- tuho-%	Kasvu cm	Kasvuun lähtö pv lkm	Väriin kesto	Viherpeittävyys	
	kpl	% sl	Syksy	Kevät					Kevät I	Keskikesä
Variety	Green cover in average trials		Density		Winter damage %	Growth cm	Beginning of growth d	Strength of colour	Spring I	Midsummer
jatkoa										
CENIER FRC	87	72 100	92	77	14	46	25	64	58	75
FRIDA FRC	20	73 98*	-1	-1	-1	0	1	-3	-3	0
GENTIL FRR	4	68 87	7	-6	14*	16**	0	6	-7	-10
HOLLYWOOD FRR	20	65 87***	-2	-13**	11**	7***	5**	-6*	-15***	-7***
KAUNI FRC	13	78 96	-2	-2	0	12***	0	-3	0	-3
LOVISA FRT	20	68 92***	-2	-7*	7*	10***	3*	-9**	-11***	-3
OLIVIA FRC	10	81 104*	1	3	-3	-1	-1	4	3	5*
PIGNIC FRR	23	67 87***	-2*	-12***	11***	9***	5***	-4	-17***	-9***
RAINBOW FRC	10	77 99	-1	-1	0	-3*	-3	4	0	-1
SAWT FRC	10	84 105	-1	4	-6	2	-8	1	9*	1
SCORPIO FRT	16	70 91**	-1	-7	7	3	5	-2	-18**	-4*
SUNSET FRR	26	67 87***	-5***	-9***	5*	12***	3**	-6**	-11***	-9***
VICTORY FRC	16	70 95**	-2*	-1	-1	9***	-1	-3	0	-6**
BAR 4309 FRR	4	69 88	0	-6	8	8*	0	-3	-9	-7
L 262 FRR	4	75 96	7	4	2	9**	-6	5	1	-2
WW RS 130	20	60 81***	-6**	-14***	10**	10***	3*	-12***	-16***	-12***



Punanaia, 1989-1996, Viralliset kokeet: Keskimääräinen viherpeittävyys, luokittelu iän mukaan  
 Red fescue, *Festuca rubra* L., 1989-1996, Official variety trials: Green cover in average, Classification according to age of lawn

Lajike Variety	Nurmen ikä 1 Age of lawn 1 year		Nurmen ikä 2 Age of lawn 2 years		Nurmen ikä 3 Age of lawn 3 years	
	kpl %	sl rel.	kpl %	sl rel.	kpl %	sl rel.
	=C					
CENTER FRC	27	75.7 100	28	73.7 100	28	71.1 100
CINDY FRR	20	72.4 96	17	71.9 93**	15	67.8 94***
ENSYLVA FRR	23	68.7 92**	23	63.7 90***	23	63.5 91***
EPSOM FRC	14	75.4 101	13	75.9 101	10	71.8 100
HERALD FRR	14	75.4 98	11	76.1 96*	9	69.5 93*
JULISKA FRC	24	73.0 97*	24	70.8 98	24	68.4 97*
LUSTER FRC	12	73.9 98	16	69.1 97	18	69.5 96***
MEDINA FRC	9	76.4 100	8	77.1 99	7	71.6 96*
NÄPSÄ FRT	13	66.9 88***	13	65.3 86***	11	65.1 89**
RAYMOND FRC	8	74.0 98	6	73.3 96	6	65.5 92
SIMONE FRC	9	74.5 97	8	75.3 97	7	71.0 95*
BARDUR FOD	8	72.1 95	7	64.7 81	7	61.1 82*
BARLANDER FRT	6	72.0 97	5	69.1 89	5	63.1 88
BARLOTTE FRT	4	69.8 94	3	69.9 87	3	66.0 81
BAROXI FRC	4	71.6 97	3	75.7 94	3	73.5 90
BARSKOL FRT	4	69.5 94	3	70.7 88	3	68.0 84
CORAIL FRC	4	70.9 96	3	76.9 96	3	76.6 94
DARWIN FRC	6	76.4 103	5	75.8 98	5	68.2 95
DIEGO FRR	13	66.9 87***	11	65.8 86**	9	61.3 82***
FELIX FRR	3	85.0 113	1	82.1 93	0	0 0

jatkuu

Punanata, 1989-1996, Viralliset kokeet: Keskimääräinen viherpeittävyys, luokittelu iän mukaan  
 Red fescue, *Festuca rubra* L., 1989-1996, Official variety trials: Green cover in average, Classification according to age of lawn

Variety	Nurmen ikä 1		Nurmen ikä 2		Nurmen ikä 3	
	kpl	% sl	kpl	% sl	kpl	% sl
	Age of lawn 1 year		Age of lawn 2 years		Age of lawn 3 years	
	trials	% rel.	trials	% rel.	trials	% rel.
jatkoa						
CENTER FRC	27	75.7 100	28	73.7 100	28	71.1 100
FRIDA FRC	8	75.3 100	6	72.9 95*	6	69.6 98
GENTIL FRR	3	68.6 91	1	68.0 77	0	0 0
HOLLYWOOD FRR	8	67.3 89**	6	65.0 85**	6	61.9 87*
KAUNI FRC	6	78.2 101	4	78.9 92	3	75.9 93
LOVISA FRT	8	71.1 94**	6	69.3 91*	6	63.4 89
OLIVIA FRC	4	77.8 105	3	83.0 104	3	84.2 103
PICNIC FRR	9	66.3 88**	7	70.4 88*	7	63.1 84**
RAINBOW FRC	4	76.5 103	3	78.5 98	3	76.9 94
SAWT FRC	5	82.0 109	3	87.3 102	2	85.9 101
SCORPIO FRT	5	71.4 97	5	74.0 92	5	66.6 84*
SUNSET FRR	10	66.5 87***	8	68.5 87***	8	64.8 88**
VICTORY FRC	6	72.8 99	5	72.2 93	5	65.8 92*
BAR 4309 FRR	3	72.7 96	1	59.0 67	0	0 0
L 262 FRR	3	76.0 101	1	73.4 83	0	0 0
WW RS 130	8	59.9 79**	6	62.5 82**	6	59.1 83**

Punanata, 1992-1996, Viralliset kokeet: Keskimääräinen viherpeittävyys, luokittelu vuosittain  
 Red fescue, *Festuca rubra* L., 1992-1996, Official variety trials: Green cover in average, classification according to years

Lajike Variety	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	sl	kpl	sl	kpl	sl	kpl	sl	kpl	sl
	Year 1992	rel.	Year 1993	rel.	Year 1994	rel.	Year 1995	rel.	Year 1996	rel.
=C	15	73.5	11	65.8	10	64.8	4	81.8	8	79.9
CENTER FRC	10	71.1	7	63.7	6	63.1	3	76.6	7	79.1
CINDY FRR	10	66.8	8	60.6	8	61.0	4	74.8	8	75.6
ENSYLVA FRR	10	75.2	7	69.8	6	68.2	3	82.3	3	82.5
EPSOM FRC	8	75.9	6	70.3	6	64.6	3	78.6	7	82.0
HERALD FRR	12	72.6	9	67.4	9	65.5	4	79.4	8	79.2
JULISKA FRC	4	70.5	3	64.1	4	72.1	3	78.0	3	77.6
LUSTER FRC	5	77.1	5	64.7	6	69.2	3	79.3	3	77.6
MEDINA FRC	8	67.3	7	67.8	6	61.4	3	70.0	3	69.4
NÄPSÄ FRT	4	74.2	3	69.8	7	67.0	3	76.8	3	73.1
RAYMOND FRC	5	76.2	5	65.7	6	66.6	3	75.7	3	75.6
SIMONE FRC	4	71.9	4	59.3	6	62.5	3	66.1	3	66.3
BARDUR FOD	2	65.9	2	63.2	6	67.1	3	73.1	3	70.9
BARLANDER FRT	0	0.0	0	0.0	4	69.8	3	69.9	3	66.0
BARLOTTE FRT	0	0.0	0	0.0	4	71.6	3	75.7	3	73.5
BAROXI FRC	0	0.0	0	0.0	4	69.5	3	70.7	3	68.0
BARSKOL FRT	0	0.0	0	0.0	4	70.9	3	76.9	3	76.6
CORAIL FRR	2	75.2	2	70.9	6	69.0	3	79.1	3	78.4
DARWIN FRC	9	68.3	7	58.2	7	57.9	3	66.9	3	66.8
DIEGO FRR	0	0.0	0	0.0	0	0.0	0	0.0	4	84.3
FELIX FRR										

jatkuu

Punanata, 1992-1996, Viralliset kokeet: Keskimääräinen viherpeittävyys, luokittelu vuosittain  
 Red fescue, *Festuca rubra* L., 1992-1996, Official variety trials: Green cover in average, classification according to years

Lajike	V 1992			V 1993			V 1994			V 1995			V 1996		
	kpl	%	sl	kpl	%	sl	kpl	%	sl	kpl	%	sl	kpl	%	sl
Variety	Year 1992			Year 1993			Year 1994			Year 1995			Year 1996		
	trials	%	rel.	trials	%	rel.	trials	%	rel.	trials	%	rel.	trials	%	rel.
jatkoa															
CENTER FRC	15	73.5	100	11	65.8	100	10	64.8	100	4	81.8	100	8	79.9	100
FRIDA FRC	4	75.8	98	3	68.2	94	7	68.4	100	3	77.6	97	3	79.4	97
GENTIL FRR	0	0.0		0	0.0		0	0.0		0	0.0		4	68.4	87
HOLLYWOOD FRR	4	69.9	91*	3	61.0	84*	7	60.2	88*	3	68.9	86	3	69.7	86*
KAUNI FRC	3	79.6	93	3	75.9	93	0	0.0		0	0.0		4	82.8	105
LOVISA FRT	4	71.0	92**	3	65.2	89	7	65.1	95	3	73.3	91	3	69.7	86
OLIVIA FRC	0	0.0		0	0.0		4	77.8	105	3	83.0	104	3	84.2	103
PICNIC FRR	5	71.2	91*	4	67.9	87	6	60.9	89**	3	70.4	88	3	66.8	82
RAINBOW FRC	0	0.0		0	0.0		4	76.5	103	3	78.5	98	3	76.9	94
SAWT FRC	0	0.0		0	0.0		2	74.2	99	2	85.7	101	6	87.4	108
SCORPIO FRT	2	64.8	95	1	61.5	97	5	67.4	96	3	72.4	90	3	68.6	84
SUNSET FRR	6	69.2	87***	5	66.4	87*	7	61.7	90*	3	72.2	90	3	69.5	85
VICTORY FRC	2	71.8	98	2	66.3	91	6	65.7	96	3	76.1	95	3	75.9	93
BAR 4309 FRR	0	0.0		0	0.0		0	0.0		0	0.0		4	69.3	88
L 262 FRR	0	0.0		0	0.0		0	0.0		0	0.0		4	75.3	96
WW RS 130	4	59.1	77**	3	60.0	82	7	57.0	83*	3	65.0	81	3	66.1	81

Punanata, 1989-1996, Viralliset kokeet  
Red fescue, *Festuca rubra* L., 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viherpeittävyys keskimäärin		Tiheys		Talvi- uho-%	Kasvu cm	Kasvuun lähtö pv lkm	Värin kesto	Viherpeittävyys	
	kpl	%	Syky	Kevät					Kevät I	Keskikesä
Variety	Green cover in average trials	%	Density	Spring	Winter damage %	Growth cm	Beginning of growth d	Strength of colour	Spring I	Midsummer
ENSYLVA FRR	74	65 100	88	70	21	57	27	61	52	69
CENTER FRC	71	71 110***	3***	6***	-5**	-11***	-1	2*	7***	5***
CINDY FRR	47	69 103**	-2**	0	-4*	0	-1	-2	4***	2*
EPSOM FRC	33	72 113***	2	10***	-11***	1	-3*	3	15***	5**
HERALD FRR	32	73 105***	1	1	-1	3*	-1*	2	5***	4***
JULISKA FRC	68	69 107***	2**	7***	-7***	-4***	-2*	5***	7***	3*
LUSTER FRC	44	69 108***	2*	6***	-6**	-10***	-2	5**	7***	5**
MEDINA FRC	22	72 108***	1	6*	-7**	-3**	-1	5**	8**	3
NAPSÄ FRT	32	64 98	-4**	1	-7*	-2	0	-10***	1	-1
RAYMOND FRC	17	70 105**	0	3	-3	-5**	-1	6**	3	2
SIMONE FRC	22	71 106**	2*	5**	-6**	-8***	-1	4*	5	3
BARBUR FOD	19	68 100	-1	-4	3	-14***	0	11***	-9*	1
BARLANDER FRT	13	69 103	0	-3	3	-13***	0	7**	-6	5**
BARLOTTE FRT	10	69 96	0	0	1	1	-4	1	-5	-1
BAROXI FRC	10	73 103**	2	-5	7	-9**	-1	7**	-2	5**
BARSKOL FRT	10	69 97	-1	-6*	4	1	-4	3	-3	0
CORAIL FRR	10	74 105**	1	2	-2	0	-1	2	2	5*
DARWIN FRC	13	72 108***	0	6*	-6	-10***	-2	7**	6*	5**
DIEGO FRR	32	62 93***	-3	-8***	6**	1	3***	-2	-8**	-3**
FELIX FRR	4	84 105	-4	3	-7	0	4	-6	5	3

jatkuu

Punanata, 1989-1996, Viralliset kokeet  
 Red fescue, *Festuca rubra* L., 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viherpeittävyys keskimäärin % sl kpl	Tiheys		Talvi- tuho-%	Kasvu cm	Kasvuun lähtö pv lkm	Värin kesto	Viherpeittävyys	
		Syksy	Kevät					Kevät I	Keskikesä
Variety	Green cover in average trials % rel.	Density Autumn	Density Spring	Winter damage %	Growth cm	Beginning of growth d	Strength of colour	Spring I	Midsummer
jatkoa									
ENSYLVA FRR	74	88	70	21	57	27	61	52	69
FRIDA FRC	17	1	4	-4	-7***	0	5**	5*	6***
GENTIL FRR	4	0	-17	19	4	10	1	-14	-11
HOLLYWOOD FRR	20	-1	-6**	6**	0	2**	1	-5**	0
KALNI FRC	11	-2	5*	-7**	3	-3	-4	7	1
LOVISA FRT	17	0	-3*	4*	3*	0	-1	-3	3*
OLIVIA FRC	10	3	10*	-8	-8**	-3	8**	12***	12***
PICNIC FRR	20	1	-3*	5**	1	2**	3	-7**	-2*
RAINBOW FRC	10	1	6	-5	-9**	-5	8***	9**	6*
SAMT FRC	10	-3	6	-9	-6*	-6	1	12***	7*
SCORPIO FRT	13	0	-3	4	4**	0	0	-2	2
SUNSET FRR	23	-3*	-4**	1	6**	0	1	-2	-2
VICTORY FRC	13	0	6*	-6	1	-2	3**	5**	2
BAR 4309 FRR	4	-6	-17	13	-4	10	-8***	-16	-9
L 262 FRR	4	1	-6	8	-3	4	-1	-6	-3
WW RS 130	17	-4*	-10**	7*	3	1	-4	-10**	-4

Punanata, 1989-1996, Viralliset kokeet: Keskimääräinen viherpeittävyys, luokittelu iän mukaan  
 Red fescue, *Festuca rubra* L., 1989-1996, Official variety trials: Green cover in average, Classification according to age of lawn

Lajike	Nurmen ikä 1			Nurmen ikä 2			Nurmen ikä 3		
	kpl	%	sl	kpl	%	sl	kpl	%	sl
	Age of lawn 1 year			Age of lawn 2 years			Age of lawn 3 years		
Variety	trials	%	rel.	trials	%	rel.	trials	%	rel.
ENSILVA FRR	24	68.8	100	24	64.1	100	24	63.4	100
CENTER FRC	23	74.8	109**	23	71.0	112***	23	69.9	110***
CINDY FRR	18	71.8	104*	15	70.0	104***	13	66.7	104
EPSOM FRC	12	74.6	114***	11	73.5	116***	9	72.3	111*
HERALD FRR	13	75.0	104**	10	74.3	106**	9	70.1	106*
JULLSKA FRC	22	72.8	106**	22	69.5	109***	22	67.7	106**
LUJSTER FRC	11	73.6	110**	15	68.3	110**	16	68.9	106**
MEDINA FRC	8	75.2	111**	7	75.6	109**	6	72.6	109*
NÄPSÄ FRT	11	65.4	97	11	62.2	96	9	64.6	99
RAYMOND FRC	7	73.2	107**	5	70.5	105	5	65.5	101
SIMONE FRC	8	73.3	108**	7	73.4	106	6	71.7	108
BARDUR FOD	7	72.7	107	6	68.4	97	6	63.2	95
BARLANDER FRT	5	72.6	107*	4	68.0	101	4	64.6	101
BARLOTTE FRT	4	69.8	101	3	69.9	95	3	66.0	92
BAROXI FRC	4	71.6	104***	3	75.7	103	3	73.5	102
BARSKOL FRT	4	69.5	101	3	70.7	96	3	68.0	94
CORAIL FRR	4	70.9	103	3	76.9	105	3	76.6	106*
DARWIN FRC	5	73.6	109	4	73.0	108**	4	68.7	108*
DIEGO FRR	12	65.9	96	10	62.2	91*	9	61.9	94**
FELIX FRR	3	85.0	104	1	82.1	108	0	0.0	

jatkuu

Punanata, 1989-1996, Viralliset kokeet: Keskimääräinen viherpeittävyys, luokittelu iän mukaan  
 Red fescue, *Festuca rubra* L., 1989-1996, Official variety trials: Green cover in average, Classification according to age of lawn

Lajike	Nurmen ikä 1		Nurmen ikä 2		Nurmen ikä 3	
	kpl	% sl	kpl	% sl	kpl	% sl
Variety	Age of lawn 1 year		Age of lawn 2 years		Age of lawn 3 years	
	trials	% rel.	trials	% rel.	trials	% rel.
jatkoa						
ENSILVA FRR	24	68.8	24	64.1	24	63.4
FRIDA FRC	7	74.8	5	70.8	5	70.2
GENTIL FRR	3	68.6	1	68.0	0	0.0
HOLLYWOOD FRR	8	66.4	6	64.3	6	63.3
KAUNI FRC	5	79.3	3	77.4	3	75.9
LOVISA FRT	7	70.4	5	67.2	5	64.2
OLIVIA FRC	4	77.8	3	83.0	3	84.2
PICNIC FRR	8	65.5	6	69.6	6	64.0
RAINBOW FRC	4	76.5	3	78.5	3	76.9
SAWT FRC	5	82.0	3	87.3	2	85.9
SCORPIO FRT	5	70.7	4	70.8	4	66.1
SUNSET FRR	9	66.0	7	67.7	7	66.1
VICTORY FRC	5	71.4	4	70.3	4	67.0
BAR 4309 FRR	3	72.7	1	59.0	0	0.0
L 262 FRR	3	76.0	1	73.4	0	0.0
WW RS 130	7	59.3	5	60.7	5	60.2



Punanata, 1992-1996, Viralliset kokeet: Keskimääräinen viherpeittävyys, luokittelu vuosittain  
 Red fescue, *Festuca rubra* L., 1992-1996, Official variety trials: Green cover in average, classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996			
	kpl	sl	kpl	sl	kpl	sl	kpl	sl	kpl	sl		
	Year 1992	Year 1993	Year 1994	Year 1995	Year 1996	Year 1996	Year 1996	Year 1996	Year 1996	Year 1996		
Variety	trials	%	rel.	trials	%	rel.	trials	%	rel.	trials	%	rel.
=C	10	66.8	100	8	61.0	100	4	74.8	100	8	75.6	100
ENSILVA FRR	10	72.9	109**	8	65.2	107**	4	81.8	109*	8	79.9	106
CENFER FRC	8	68.3	103	6	59.9	99	3	76.6	104**	7	79.1	103
CINDY FRR	8	72.5	109**	6	66.9	111	5	68.5	108*	3	82.5	115
EPSOM FRC	6	73.4	106*	5	67.3	104	5	65.3	103**	3	78.6	107
HERALD FRR	10	70.8	106*	8	65.3	108	8	65.4	107***	4	79.4	106
JULISKA FRC	3	68.3	107	2	55.2	100	3	75.1	108	3	78.0	106*
LUSTER FRC	4	74.9	108	4	59.1	101	5	70.0	111*	3	79.3	108
MEDINA FRC	6	63.6	95*	6	65.6	109	5	62.3	98	3	70.0	95
NÄPSA FRT	3	72.4	107	2	61.0	106	6	67.2	105	3	76.8	105
RAYMOND FRC	4	74.2	107	4	60.0	103	5	66.5	106*	3	75.7	103
SIMONE FRC	3	73.4	103	3	64.9	100	5	65.3	104	3	66.1	90
BARBUR FOD	1	63.0	100	1	52.7	105	5	69.1	110**	3	73.1	100
BARLANDER FRT	0	0.0		0	0.0		4	69.8	101	3	69.9	95
BARLOTTE FRT	0	0.0		0	0.0		4	71.6	104***	3	75.7	103
BAROXI FRC	0	0.0		0	0.0		4	69.5	101	3	68.0	94
BARSKOL FRT	0	0.0		0	0.0		4	70.9	103	3	76.9	105
CORAIL FRR	1	59.9	96	1	54.6	109	5	69.5	110*	3	79.1	108*
DARWIN FRC	7	64.4	94	6	55.5	92*	6	58.9	92	3	66.9	91
DIBGO FRR	0	0.0		0	0.0		0	0.0		0	0.0	
FELIX FRR	0	0.0		0	0.0		0	0.0		4	84.3	105

jackuu

Punanata, 1992-1996, Viralliset kokeet: Keskimääräinen viherpeittävyys, luokittelu vuosittain  
 Red fescue, *Festuca rubra* L., 1992-1996, Official variety trials: Green cover in average, classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	% sl	kpl	% sl	kpl	% sl	kpl	% sl	kpl	% sl
Variety	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996	
jatkkoa	trials	% rel.	trials	% rel.	trials	% rel.	trials	% rel.	trials	% rel.
ENSYLVA FRR	10	66.8 100	8	60.6 100	8	61.0 100	4	74.8 100	8	75.6 100
FRIDA FRC	3	74.7 111	2	60.7 106	6	68.7 107**	3	77.6 106	3	79.4 110**
GENTIL FRR	0	0.0	0	0.0	0	0.0	0	0.0	4	68.4 85
HOLLYWOOD FRR	3	67.2 99	2	53.8 94	6	61.1 96	3	68.9 94	3	69.7 97
KAUNI FRC	2	77.8 103	3	75.9 109	0	0.0	0	0.0	4	82.8 103
LOVISA FRT	3	69.5 103*	2	58.0 101	6	66.0 103	3	73.3 100	3	69.7 97
OLIVIA FRC	0	0.0	0	0.0	4	77.8 113*	3	83.0 113***	3	84.2 117*
PIONIC FRR	4	70.8 101	3	65.3 101	5	61.5 98	3	70.4 96	3	66.8 93
RAINBOW FRC	0	0.0	0	0.0	4	76.5 111*	3	78.5 107	3	76.9 107*
SAMT FRC	0	0.0	0	0.0	2	74.2 109	2	85.7 112	6	87.4 112**
SCORPIO FRT	0	0.0	0	0.0	4	70.9 103	3	72.4 99	3	68.6 95
SUNSET FRR	5	69.0 97	4	64.5 99	6	62.7 98	3	72.2 98	3	69.5 96
VICTORY FRC	1	63.9 102	1	52.9 106	5	66.6 106*	3	76.1 104	3	75.9 105*
EAR 4309 FRR	0	0.0	0	0.0	0	0.0	0	0.0	4	69.3 86
L 262 FRR	0	0.0	0	0.0	0	0.0	0	0.0	4	75.3 94
WM RS 130	3	57.3 85	2	54.1 94	6	57.5 90	3	65.0 89	3	66.1 92

Punanata, 1989-1996, Viralliset kokeet  
Red fescue, *Festuca rubra* L., 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viherpeittävyys keskimäärin % sl	Tiheys Kevät	Talvi- tuho-%	Kasvu cm	Kasvuun lähtö pv lkm	Värin kesto	Viherpeittävyys	
							Kevät I	Keskikesä
Variety	Green cover in average trials % rel.	Density Autumn	Winter damage %	Growth cm	Beginning of growth d	Strength of colour	Spring I	Green cover Midsummer
JULISKA FRC	74	91	13	53	25	67	59	72
CENTIER FRC	74	1	2	-6***	1*	-2*	0	2**
CINDY FRR	50	-3***	5**	2**	1	-6***	-4**	1
ENSYLVA FRR	68	-2**	7***	4***	2*	-5***	-7***	-3*
EPSOM FRC	38	1	-2	3**	-1	-4*	6***	2
HERALD FRR	34	0	6*	4***	2	-5***	-4	1
LUSTER FRC	45	-1	3	-4***	1	0	-1	2*
MEDINA FRC	25	-1	0	-2	0	-2*	1	2
NÄPSÄ FRT	38	-5***	2	0	2*	-19***	-7**	-4
RAYMOND FRC	20	-1*	3*	-3*	0	-2	-4*	-2
SIMONE FRC	25	0	2	-6***	0	-3*	-3	1
BARDJUR FOD	22	-4*	12**	-12***	2	0	-19***	-4
BARLANDER FRT	16	-2*	11*	-13***	4*	-2	-16**	2
BARLOTTE FRT	10	-1	10	2	-3	-8*	-13**	-5*
BAROXI FRC	10	1	17*	-8**	1	-3	-10*	1
BARSKOL FRT	10	-2	13*	2	-3	-6*	-10**	-4
CORAIL FRR	10	0	7*	1	1	-8**	-5*	1
DARWIN FRC	16	-1	1	-10***	-2	-2	2	3
Diego FRR	34	-4**	15***	3***	6***	-9***	-18***	-5***
FELIX FRR	4	-2	9	4	-6	-5	6	2

jatkuu

Punanata, 1989-1996, Viralliset kokeet  
 Red fescue, *Festuca rubra* L., 1989-1996, Official variety trials

Poikkeamat mittaritajikkkeen tuloksista, Differences from results of control variety

Lajike	Viherpeittävyys keskimäärin		Tiheys Syksy	Kevät	Talvi- uho-%	Kasvu cm	Kasvuun lähtö pv lkm	Väriin kesto	Viherpeittävyys	
	kpl	% sl							Kevät 1	Keskikesä
Variety	Green cover in average trials		Density Autumn	Spring	Winter damage %	Growth cm	Beginning of growth d	Strength of colour	Spring 1	Midsummer
jatkoa										
JULISKA FRC	74	70 100	91	78	13	53	25	67	59	72
FRIDA FRC	20	73 100	-1	-4**	3*	-6***	2*	-4**	-5*	2
GENTIL FRR	4	68 85*	2	-11	13	8*	0	1	-13*	-12*
HOLLYWOOD FRR	20	65 89***	-2	-16***	15***	1	5**	-7***	-17***	-4*
KAUNI FRC	13	78 99	-3	0	-2	6**	-1	-9**	-2	-1
LOVISA FRT	20	68 93***	-1	-10**	10**	4**	3*	-10***	-13***	-1
OLLIVIA FRC	10	81 107**	1	0	1	-7**	-1	-1	4**	8**
PICNIC FRR	23	67 90***	-1	-12***	12***	3***	5***	-6**	-16***	-5***
RAINBOW FRC	10	77 101	0	-4	4	-8**	-3	-2	2	2
SAMT FRC	10	84 107*	-3	3	-7	-1	-8	-3	9**	2
SCORPIO FRT	10	71 93***	-1	-14*	14	5*	-1	-8	-11**	-3
SUNSET FRR	26	67 90***	-4***	-11***	7***	7***	3**	-8***	-11***	-6***
VICTORY FRC	16	70 98	-1	-2	1	4**	-1	-6***	-1	-2
BAR 4309 FRR	4	69 86	-5	-11	8	0	0	-8	-15	-10
L 262 FRR	4	75 93	2	0	2	0	-6	-1	-5	-4
WW RS 130	20	60 83***	-5**	-17***	14***	4***	4*	-14***	-18***	-10***

Punanata, 1989-1996, Viralliset kokeet: Keskimääräinen viherpeittävyys, luokittelu iän mukaan  
 Red fescue, *Festuca rubra* L., 1989-1996, Official variety trials: Green cover in average, Classification according to age of lawn

Lajike	Nurmen ikä 1		Nurmen ikä 2		Nurmen ikä 3	
	kpl	% sl	kpl	% sl	kpl	% sl
Variety	Age of lawn 1 year		Age of lawn 2 years		Age of lawn 3 years	
	trials	% rel.	trials	% rel.	trials	% rel.
JULISKA FRC	24	73.0 100	24	70.8 100	24	68.4 100
CENTER FRC	24	75.2 103*	24	72.6 102	24	70.6 103*
ENSYLVA FRR	22	68.9 95**	22	64.0 92***	22	63.7 94**
CINDY FRR	19	72.6 98	16	72.7 97*	14	68.4 98
EPSOM FRC	14	75.4 106***	13	75.9 104*	10	71.8 102
HERALD FRR	14	75.4 101	11	76.1 99	9	69.5 95
LUSTER FRC	11	74.2 102	15	69.6 100	17	69.7 101
MEDINA FRC	9	76.4 104	8	77.1 103	7	71.6 99
NÄPSÄ FRT	13	66.9 93*	13	65.3 88**	11	65.1 91*
RAYMOND FRC	8	74.0 99	6	73.3 99	6	65.5 94*
SIMONE FRC	9	74.5 102	8	75.3 100	7	71.0 98
BARDUR FOD	8	72.1 100	7	64.7 84	7	61.1 85*
BARLANDER FRT	6	72.0 99	5	69.1 93*	5	63.1 92
BARLOTTE FRT	4	69.8 95*	3	69.9 90*	3	66.0 85
BAROXI FRC	4	71.6 97	3	75.7 97	3	73.5 94
BARSKOL FRT	4	69.5 94	3	70.7 91	3	68.0 87
CORAIL FRR	4	70.9 96	3	76.9 99	3	76.6 98
DARWIN FRC	6	76.4 105	5	75.8 102	5	68.2 100
DIEGO FRR	13	66.9 90**	11	65.8 88**	9	61.3 84***
FELIX FRR	3	85.0 108	1	82.1 95	0	0.0

jatkuu

Punanata, 1989-1996, Viralliset kokeet: Keskimääräinen viherpeittävyys, luokiteltu iän mukaan  
 Red fescue, *Festuca rubra* L., 1989-1996, Official variety trials: Green cover in average, Classification according to age of lawn

Lajike	Nurmen ikä 1		Nurmen ikä 2		Nurmen ikä 3	
	kpl	% sl	kpl	% sl	kpl	% sl
Variety	Age of lawn 1 year		Age of lawn 2 years		Age of lawn 3 years	
	trials	% rel.	trials	% rel.	trials	% rel.
jatkoa						
JULISKA FRC	24	73.0 100	24	70.8 100	24	68.4 100
FRIDA FRC	8	75.3 101	6	72.9 98	6	69.6 100
GENTIL FRR	3	68.6 87*	1	68.0 79	0	0.0
HOLLYWOOD FRR	8	67.3 90**	6	65.0 88*	6	61.9 89*
KAUNI FRC	6	78.2 104	4	78.9 94	3	75.9 96
LOVISA FRT	8	71.1 95**	6	69.3 93	6	63.4 91*
OLLIVIA FRC	4	77.8 106	3	83.0 107	3	84.2 108
PICNIC FRR	9	66.3 92***	7	70.4 92**	7	63.1 87**
RAINBOW FRC	4	76.5 104*	3	78.5 101	3	76.9 99
SAMT FRC	5	82.0 108	3	87.3 105*	2	85.9 105
SCORPIO FRT	4	70.9 96*	3	72.4 93**	3	68.6 88
SUNSET FRR	10	66.5 90***	8	68.5 90***	8	64.8 89***
VICTORY FRC	6	72.8 100	5	72.2 97	5	65.8 96
BAR 4309 FRR	3	72.7 92	1	59.0 68	0	0.0
L 262 FRR	3	76.0 96	1	73.4 85	0	0.0
WW RS 130	8	59.9 80***	6	62.5 84**	6	59.1 85**

Punanata, 1992-1996, Viralliset kokeet: Keskimääräinen viherpeittävyys, luokittelu vuosittain  
 Red fescue, *Festuca rubra* L., 1992-1996, Official variety trials: Green cover in average, classification according to years

Lajike	V 1992			V 1993			V 1994			V 1995			V 1996		
	kpl	%	sl	kpl	%	sl	kpl	%	sl	kpl	%	sl	kpl	%	sl
	Year 1992			Year 1993			Year 1994			Year 1995			Year 1996		
Variety	trials	%	rel.	trials	%	rel.	trials	%	rel.	trials	%	rel.	trials	%	rel.
=C															
JULISKA FRC	12	72.6	100	9	67.4	100	9	65.5	100	4	79.4	100	8	79.2	100
CENTIER FRC	12	74.3	102*	9	68.3	101	9	65.8	100	4	81.8	103	8	79.9	101
ENSYLVA FRR	10	66.8	94*	8	60.6	93	8	61.0	93***	4	74.8	94	8	75.6	96
CINDY FRR	10	71.1	98	7	63.7	94	6	63.1	93*	3	76.6	98	7	79.1	99
EPSOM FRC	10	75.2	104	7	69.8	102	6	68.2	101	3	82.3	106	3	82.5	106
HERALD FRR	8	75.9	98	6	70.3	94	6	64.6	95*	3	78.6	101	7	82.0	103
LUSTIER FRC	4	70.5	104	3	64.1	97*	4	72.1	100	3	78.0	100	3	77.6	99
MEDINA FRC	5	77.1	104	5	64.7	99	6	69.2	103	3	79.3	102	3	77.6	99
NÄPSÄ FRT	8	67.3	92*	7	67.8	99	6	61.4	91***	3	70.0	90	3	69.4	89
RAYMOND FRC	4	74.2	98	3	69.8	99	7	67.0	98	3	76.8	99	3	73.1	94
SIMONE FRC	5	76.2	103	5	65.7	100	6	66.6	99	3	75.7	97	3	75.6	97
BARDUR FOD	4	71.9	93	4	59.3	79	6	62.5	93	3	66.1	85	3	66.3	85
BARLANDER FRT	2	65.9	92	2	63.2	92	6	67.1	100	3	73.1	94	3	70.9	91*
BARLOTTE FRT	0	0.0		0	0.0		4	69.8	95*	3	69.9	90*	3	66.0	85
BAROXI FRC	0	0.0		0	0.0		4	71.6	97	3	75.7	97	3	73.5	94
BARSKOL FRT	0	0.0		0	0.0		4	69.5	94	3	70.7	91	3	68.0	87
CORAIL FRR	0	0.0		0	0.0		4	70.9	96	3	76.9	99	3	76.6	98
DARWIN FRC	2	75.2	105	2	70.9	103	6	69.0	103	3	79.1	102	3	78.4	100
DIEGO FRR	9	68.3	90**	7	58.2	85**	7	57.9	85**	3	66.9	86	3	66.8	86
FELIX FRR	0	0.0		0	0.0		0	0.0		0	0.0		4	84.3	104

jatkuu

Punanata, 1992-1996, Viralliset kokeet: Keskimääräinen viherpeittävyys, luokiteltu vuosittain  
 Red fescue, *Festuca rubra* L., 1992-1996, Official variety trials: Green cover in average, classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	% sl	kpl	% sl	kpl	% sl	kpl	% sl	kpl	% sl
Variety	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996	
	trials	% rel.	trials	% rel.	trials	% rel.	trials	% rel.	trials	% rel.
jatkoa										
JULISKA FRC	12	72.6 100	9	67.4 100	9	65.5 100	4	79.4 100	8	79.2 100
FRIDA FRC	4	75.8 100	3	68.2 97	7	68.4 100	3	77.6 100	3	79.4 102
GENTIL FRR	0	0.0	0	0.0	0	0.0	0	0.0	4	68.4 85*
HOLLYWOOD FRR	4	69.9 92	3	61.0 87**	7	60.2 88**	3	68.9 88	3	69.7 89
KAUNI FRC	3	79.6 96	3	75.9 96	0	0.0	0	0.0	4	82.8 103
LOVISA FRT	4	71.0 94	3	65.2 93	7	65.1 95**	3	73.3 94	3	69.7 89
OLIVIA FRC	0	0.0	0	0.0	4	77.8 106	3	83.0 107	3	84.2 108
PICNIC FRR	5	71.2 94*	4	67.9 90*	6	60.9 91**	3	70.4 90**	3	66.8 86
RAINBOW FRC	0	0.0	0	0.0	4	76.5 104*	3	78.5 101	3	76.9 99
SAMT FRC	0	0.0	0	0.0	2	74.2 104	2	85.7 105	6	87.4 108
SCORPIO FRT	0	0.0	0	0.0	4	70.9 96*	3	72.4 93**	3	68.6 88
SUNSET FRR	6	69.2 89***	5	66.4 89***	7	61.7 90***	3	72.2 93	3	69.5 89
VICTORY FRC	2	71.8 101	2	66.3 96	6	65.7 98	3	76.1 98	3	75.9 97
BAR 4309 FRR	0	0.0	0	0.0	0	0.0	0	0.0	4	69.3 86
L 262 FRR	0	0.0	0	0.0	0	0.0	0	0.0	4	75.3 93
WW RS 130	4	59.1 78*	3	60.0 85**	7	57.0 83**	3	65.0 83	3	66.1 85



Niittynurmikka, 1989-1996, Viralliset kokeet  
Kentucky bluegrass, *Poa pratensis* L., 1989-1996, Official variety trials

Poikkeamat mittariajkkeen tuloksista, Differences from results of control variety

Lajike	Viherpeittävyys keskimäärin		Tiheys		Talvi- tuho-%	Kasvu cm	Kasvuun lähtö pv lkm	Värin kesto	Viherpeittävyys	
	kpl	% sl	Syksy	Kevät					Kevät I	Keskikesä
Variety	Green cover in average trials		Density		Winter damage %	Growth cm	Beginning of growth d	Strength of colour	Spring I	Green cover Midsummer
=C										
CONNI	66	75 100	90	76	16	42	26	73	55	81
AWASON	57	72 96**	-2	-2	0	0	2***	-20***	-1	-1
BARON	66	69 93***	-2	1	-4*	2*	-2***	-19***	5**	-6***
COCTAIL	25	75 98	-1	-1	1	0	-3*	-2	2	-2
FORTUNA	25	73 95**	1	4	-4	2*	-3*	-15***	3	-6***
JULIA	54	73 97**	-1	3*	-4*	7***	-1**	-8***	6***	-4***
LIMOUSINE	42	75 100	0	3*	-5*	-2***	-1	-10***	6**	-2
ANDANTE	40	73 97*	0	0	0	6***	-1	-4***	2	-3**
BARCELONA	10	74 96	0	0	0	6***	-3	-7	0	-5**
BARTITIA	10	76 98	2	2	0	5***	-5	-6*	-1	-3
CESAR	19	72 96*	0	0	-1	2	-1	-10***	3	-2
DILCO	3	83 103	-1	2	-2	1	0	-14	5	1
ESTO	9	85 100	2	4	-3	1	-2	-27**	8*	-1
EVA	2	85 99	-3	-5	2	3	0	-2	2	-2
JOYCE	3	85 105	3	18	-14	0	0	-39*	14	-3
MELBA	52	73 97***	0	-1	2	-2*	0	-4***	0	-2***
MIRACLE	19	71 95**	1	0	1	3**	0	-7***	-1	-5***
NUBLJE	16	71 95*	-1	3	-4	8***	-3	-11***	4	-6***
NIMBUS	10	81 105	3	8	-5	6**	-6	-1	7*	4
PAVO L.p.	3	85 105	5	4	1	40	0	-9	15	-4

jatkoo

Niittynurmikka, 1989-1996, Viralliset kokeet  
 Kentucky bluegrass, *Poa pratensis* L., 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike Variety	Viherpeittävyys keskimäärin kpl % sl	Tiheys		Talvi- tuho-%	Kasvu cm	Kasvuun lähtö pv lkm	Väriin kesto	Viherpeittävyys	
		Syksy	Kevät					Kevät I	Keskikesä
	Green cover in average trials % rel.	Density		Winter damage %	Growth cm	Beginning of growth d	Strength of colour	Spring I	Midsummer
		Autumn	Spring						
=C									
CONNIE	66 75 100	90	76	16	42	26	73	55	81
SASKIA	22 72 94***	-1	-1	0	5***	-1	-4***	-2	-6***
UNIQUE	22 73 96	0	0	0	0	-3	-10***	5	-4*
UNNA	22 73 95*	0	2	-2	4***	-2	-15***	3	-4**
WEMBLEY	19 67 91***	-2	-1	-2	7***	-3*	-7***	0	-8***
BOR 0348	14 84 105	1	15*	-16	-11***	-6*	-32***	26***	-1
DP 37-6.1	3 81 100	-2	-2	0	6	0	0	6	-2

Niitynurmiikka, 1989-1996, Viralliset kokeet: Keskimääräinen viherpeittävyys, luokiteltu iän mukaan  
 Kentucky bluegrass, *Poa pratensis* L., 1989-1996, Official variety trials: Green cover in average, Classification according to age of lawn

Lajike	Nurmen ikä 1			Nurmen ikä 2			Nurmen ikä 3		
	kpl	%	sl	kpl	%	sl	kpl	%	sl
	Age of lawn 1 year			Age of lawn 2 years			Age of lawn 3 years		
Variety	trials	%	rel.	trials	%	rel.	trials	%	rel.
=C									
CONNI	21	76.8	100	24	76.7	100	20	70.9	100
AMASON	17	77.9	101	21	72.4	93***	18	69.0	96**
BARON	21	70.9	92***	24	69.9	91***	20	66.7	94**
COCTAIL	9	75.0	98	8	79.3	98	7	72.6	98
FORTUNA	10	73.8	96	8	75.6	95	7	68.4	93***
JULIA	17	75.8	98	20	73.9	95***	16	70.0	99
LIMOUSINE	14	79.4	104	15	75.4	98	12	72.1	98
ANDANTE	13	75.4	100	14	72.8	94***	12	71.3	97
BARCELONA	4	70.5	100	3	79.5	97	3	74.1	91
BARTTIA	4	72.1	102	3	80.2	98	3	75.9	93*
CESAR	7	70.7	97	6	76.4	97	6	70.6	96*
DISCO	2	86.2	101	1	77.7	107	0	0.0	
ESTO	4	85.7	99	3	86.0	103	2	80.1	99
EVA	2	84.6	99	0	0.0		0	0.0	
JOYCE	2	85.3	100	1	85.8	118	0	0.0	
MELBA	17	75.0	98	18	73.4	95**	16	72.4	97**
MIRACLE	7	71.6	98	6	74.0	94**	6	67.4	92**
NUBLJE	6	69.8	97	5	74.6	93*	5	68.4	93*
NIMBUS	4	77.1	110	3	85.8	105	3	81.4	100
PAVO L.p.	2	88.6	104	1	77.9	107	0	0.0	

jatkuu

Niittyurmikka, 1989-1996, Viralliset kokeet: Keskimääräinen viherpeittävyys, luokittelu iän mukaan  
 Kentucky bluegrass, *Poa pratensis* L., 1989-1996, Official variety trials: Green cover in average, Classification according to age of lawn

Lajike	Nurmen ikä 1		Nurmen ikä 2		Nurmen ikä 3	
	kpl	%	kpl	%	kpl	%
Variety	Age of lawn 1 year		Age of lawn 2 years		Age of lawn 3 years	
	trials	rel.	trials	rel.	trials	rel.
jatkoa						
CONNI	21	76.8	24	76.7	20	70.9
SASKIA	8	71.9	7	75.6	7	68.0
UNIQUE	8	76.0	7	75.7	7	67.1
UNNA	8	72.8	7	76.1	7	69.6
WEMBLEY	7	66.3	6	70.4	6	65.0
BOR 0348	6	85.2	5	77.6	3	93.7
DP 37-6.1	2	85.7	1	72.7	0	0.0

Niittynurmikka, 1992-1996, Viralliset kokeet: Keskimääräinen viherpeittävyys, luokiteltu vuosittain  
 Kentucky bluegrass, *Poa pratensis* L., 1992-1996, Official variety trials: Green cover in average, classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	% sl	kpl	% sl	kpl	% sl	kpl	% sl	kpl	% sl
Variety	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996	
	trials	% rel.	trials	% rel.	trials	% rel.	trials	% rel.	trials	% rel.
=C										
CONNIE	11	76.2 100	11	75.3 100	9	67.3 100	3	82.0 100	6	81.3 100
AMASON	9	74.3 95*	9	71.0 93*	7	70.0 101	3	81.1 99	3	78.1 96
BARON	11	71.6 94*	11	68.9 91**	9	63.8 95	3	72.9 89	6	79.0 97
COCTAIL	5	76.2 97	5	75.7 102	7	67.8 98	3	80.1 98	3	78.0 96*
FORTUNA	4	69.3 87*	4	72.0 91*	8	68.2 99	3	77.8 95	6	79.5 98
JULIA	8	78.6 100	8	75.6 98	6	68.6 102	3	78.2 95	5	80.4 97
LIMOUSINE	9	74.2 95	8	72.5 96	7	70.5 105	3	81.9 100	6	85.1 105
ANDANTE	9	76.4 98	8	73.5 98	8	67.4 98	3	79.2 97**	3	77.7 95*
BARCELONA	0	0.0	0	0.0	4	70.5 100	3	79.5 97	3	74.1 91
BARTTIA	0	0.0	0	0.0	4	72.1 102	3	80.2 98	3	75.9 93*
CESAR	3	70.0 94	3	74.6 99	6	67.1 99	3	77.2 94	3	77.6 95
DISCO	0	0.0	0	0.0	0	0.0	0	0.0	3	83.4 103
ESTO	2	86.5 97	2	80.1 99	0	0.0	0	0.0	3	87.4 108
EVA	0	0.0	0	0.0	0	0.0	0	0.0	2	84.6 99
JOYCE	0	0.0	0	0.0	0	0.0	0	0.0	3	85.5 105
MELBA	9	75.3 96*	8	72.5 96*	8	69.6 101	3	82.3 100	3	76.7 94*
MIRACLE	3	70.8 95	3	69.9 92	6	66.4 98	3	77.3 94*	3	74.0 91*
NUBLUE	2	65.6 88	2	72.4 94	6	67.7 100	3	76.0 93	3	74.6 92
NIMBUS	0	0.0	0	0.0	4	77.1 110	3	85.8 105	3	81.4 100
PAVO L.p.	0	0.0	0	0.0	0	0.0	0	0.0	3	85.0 105

jatkuu

Niittynurmikka, 1992-1996, Viralliset kokeet: Keskimääräinen viherpeittävyys, luokittelu vuosittain  
 Kentucky bluegrass, *Poa pratensis* L., 1992-1996, Official variety trials: Green cover in average, classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	% sl	kpl	% sl	kpl	% sl	kpl	% sl	kpl	% sl
Variety	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996	
jatkoa	trials	% rel.	trials	% rel.	trials	% rel.	trials	% rel.	trials	% rel.
=C	11	76.2 100	11	75.3 100	9	67.3 100	3	82.0 100	6	81.3 100
CONNI	4	73.9 93	4	74.1 93*	8	66.7 96	3	77.6 95	3	73.9 91**
SASKIA	4	76.7 96	4	74.1 93	8	68.8 99	3	77.8 95	3	73.4 90
UNIQUE	4	73.1 92	4	75.2 95	8	68.9 100	3	77.3 94	3	75.2 92
UNNA	3	61.8 88	3	68.8 94	6	63.4 94	3	73.0 89*	3	71.1 87*
WEMBLEY										
BOR 0348	1	99.4 102	1	94.5 113	0	0.0	0	0.0	3	89.8 110
DP 37-6.1	0	0.0	0	0.0	0	0.0	0	0.0	3	81.3 100

Niittynurmikka, 1989-1996, Viralliset kokeet  
Kentucky bluegrass, *Poa pratensis* L., 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viherpeittävyys keskimäärin		Tiheys		Talvi- tuho-%	Kasvu cm	Kasvuun lähtö pv	Väriin kesto	Viherpeittävyys		
	kpl	% sl	Syky	Kevät					Kevät I	Keskikesä	
Variety	Green cover in average trials		Density		Winter damage		Growth		Beginning of		
	trials	% rel.	Autumn	Spring	%	cm	growth d	of colour	Strength	Spring I	Midsummer
BARON	78	69 100	88	77	13	45	24	52	59	75	
AMASON	66	73 105***	1	-2	3	-3***	4***	-1	-6*	5***	
COCTAIL	25	75 106***	-1	-2	0	-3**	0	13***	-1	4**	
CONNI	66	75 108***	2	-1	4*	-2*	2***	19***	-5**	6***	
FORTUNA	28	73 103*	0	3	-2	-1	0	1	1	1	
JULIA	63	74 106***	1	3**	-2	5***	1*	10***	2	3**	
LIMOUSINE	45	76 107***	1	2	-2	-5***	2**	8***	1	4**	
ANDANTE	41	73 105***	1	-2	4	3*	3**	13***	-3	2*	
BARCELONA	10	74 104	1	0	0	2	3	11*	-1	3	
BARTITIA	10	76 106*	2*	2	0	1	1	12**	-2	4	
CESAR	22	74 106***	1	1	-1	-2	1	8***	-2	6***	
DISCO	3	83 99	-4	-11	8	-1	0	12	-2	2	
ESTO	12	83 103*	1	1	0	-1	2*	8	0	4*	
EVA	2	85 100	-9	-10	1	5	0	26	-4	4	
JOYCE	3	85 102	0	5	-5	-2	0	-13*	7	-1	
MELBA	55	74 105***	2	-1	5*	-3**	3***	16***	-5**	4***	
MIRACLE	22	72 104*	2*	1	1	0	3*	14***	-6*	3*	
NOBLUE	19	73 104**	1	4**	-4*	5***	0	6*	2	2	
NIMBUS	10	81 113***	3*	8*	-5*	2	0	17***	6	12***	
PAVO L.p.	3	85 101	2	-9	10	38*	0	17	8	-3	

jatkuu

Niittynurmikka, 1989-1996, Viralliset kokeet  
 Kentucky bluegrass, *Poa pratensis* L., 1989-1996, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viherpeittävyys keskimäärin		Tiheys Syksy	Kevät	Talvi- tuho-%	Kasvu cm	Kasvuun lähtiö pv lkm	Väriin kesto	Viherpeittävyys		
	kpl	% sl							Kevät I	Keskikesä	
Variety	Green cover in average trials		Density		Winter damage		Growth		Beginning of		
jatkoa		% rel.	Autumn	Spring	%	cm	growth d	Strength	of colour	Spring I	Midsummer
BARON	78	69 100	.88	77	13	45	24	52	59	75	
SASKIA	22	72 103*	-1	-1	2	2	2	11***	-4	2	
UNIQUE	22	73 105**	-1	0	2	-3***	1	5	3	3**	
UNINA	22	73 104**	0	1	0	1	1	0	1	3*	
WEMBLEY	22	69 100	-1	0	-1	2	0	11***	-3	0	
BOR 0348	19	82 109*	3	10*	-8	-13***	-3*	-2	15**	7*	
DP 37-6.1	3	81 97	-5	-15	10	4*	0	26*	-1	-1	



Niitynurmiikka, 1989-1996, Viralliset kokeet: Keskimääräinen viherpeittävyys, luokittelu iän mukaan  
 Kentucky bluegrass, *Poa pratensis* L., 1989-1996, Official variety trials: Green cover in average, Classification according to age of lawn

Lajike	Nurmen ikä 1			Nurmen ikä 2			Nurmen ikä 3		
	kpl	%	sl	kpl	%	sl	kpl	%	sl
	Age of lawn 1 year			Age of lawn 2 years			Age of lawn 3 years		
Variety	trials	%	rel.	trials	%	rel.	trials	%	rel.
=C									
BARON	23	70.7	100	27	69.8	100	26	67.0	100
AMASON	18	78.2	112***	23	72.5	103	23	70.5	103
COCTAIL	9	75.0	105	8	79.3	109*	7	72.6	104
CONNI	21	76.8	108***	24	76.7	110***	20	70.9	106**
FORTUNA	11	74.1	102	9	74.9	105*	8	68.7	102
JULIA	18	75.4	105**	22	74.3	106**	21	72.1	107**
LIMOUSINE	15	79.7	112**	16	76.1	106*	13	73.1	104
ANDANTE	13	75.4	108*	14	72.8	103	13	72.1	103
BARCELONA	4	70.5	102	3	79.5	109	3	74.1	100
BARITTIA	4	72.1	104	3	80.2	110	3	75.9	103
CESAR	8	71.1	105	7	78.4	108*	7	73.1	106*
DISCO	2	86.2	102	1	77.7	94	0	0.0	
ESTO	5	83.3	106*	4	86.0	103	3	79.9	100
EVA	2	84.6	100	0	0.0		0	0.0	
JOYCE	2	85.3	100	1	85.8	104	0	0.0	
MELBA	18	74.8	107***	19	74.1	106**	17	73.1	103*
MIRACLE	8	71.4	106	7	75.4	104	7	69.3	101
NUBLUE	7	70.1	104	6	76.6	105	6	71.4	103
NIMBUS	4	77.1	112**	3	85.8	118*	3	81.4	110
PAVO L.p.	2	88.6	104*	1	77.9	94	0	0.0	

jatkuu

Niittynurmikka, 1989-1996, Viralliset kokeet: Keskimääräinen viherpeittävyys, luokittelu iän mukaan  
 Kentucky bluegrass, *Poa pratensis* L., 1989-1996, Official variety trials: Green cover in average, Classification according to age of lawn

Lajike	Nurmen ikä 1		Nurmen ikä 2		Nurmen ikä 3	
	kpl	% sl	kpl	% sl	kpl	% sl
Variety	Age of lawn 1 year		Age of lawn 2 years		Age of lawn 3 years	
jatkoa	trials	% rel.	trials	% rel.	trials	% rel.
BARON	23	70.7	27	69.8	26	67.0
SASKIA	8	71.9	7	75.6	7	68.0
UNIQUE	8	76.0	7	75.7	7	67.1
UNNA	8	72.8	7	76.1	7	69.6
WEMBLEY	8	67.1	7	71.9	7	67.4
BOR_0348	7	85.1	7	76.2	5	87.7
DP_37-6.1	2	85.7	1	72.7	0	0.0

Niittynurmikka, 1992-1996, Viralliset kokeet: Keskimääräinen viherpeittävyys, luokittelu vuosittain  
 Kentucky bluegrass, *Poa pratensis* L., 1992-1996, Official variety trials: Green cover in average, classification according to years

Lajike	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	% sl	kpl	% sl	kpl	% sl	kpl	% sl	kpl	% sl
Variety	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996	
	trials	% rel.	trials	% rel.	trials	% rel.	trials	% rel.	trials	% rel.
=C										
BARON	12	72.3 100	12	69.9 100	9	63.8 100	3	72.9 100	6	79.0 100
AMASON	10	75.4 101	10	72.4 101	7	70.0 104	3	81.1 111*	3	78.1 106
COCTAIL	5	76.2 106	5	75.7 112**	7	67.8 101	3	80.1 110	3	78.0 106
CONNI	11	76.2 106*	11	75.3 109**	9	67.3 105	3	82.0 112	6	81.3 103
FORTUNA	4	69.3 98	4	72.0 103	8	68.2 103	3	77.8 107	6	79.5 101
JULIA	9	79.4 106**	9	76.9 107**	6	68.6 103	3	78.2 107	5	80.4 103
LIMOUSINE	10	75.5 102	9	73.9 105	7	70.5 107*	3	81.9 112	6	85.1 108*
ANDANIE	9	76.4 104	9	74.4 106*	8	67.4 102	3	79.2 109	3	77.7 105
BARCELONA	0	0.0	0	0.0	4	70.5 102	3	79.5 109	3	74.1 100
BARTTIA	0	0.0	0	0.0	4	72.1 104	3	80.2 110	3	75.9 103
CESAR	4	75.1 107	4	77.9 109*	6	67.1 103	3	77.2 106	3	77.6 105
DISCO	0	0.0	0	0.0	0	0.0	0	0.0	3	83.4 99
ESTO	3	86.2 103	3	79.9 100	0	0.0	0	0.0	3	87.4 104
EVA	0	0.0	0	0.0	0	0.0	0	0.0	2	84.6 100
JOYCE	0	0.0	0	0.0	0	0.0	0	0.0	3	85.5 102
MELBA	10	76.5 103	9	73.7 105	8	69.6 105	3	82.3 113	3	76.7 104
MIRACLE	4	74.1 106*	4	72.6 101	6	66.4 102	3	77.3 106	3	74.0 100
NUBLUE	3	72.7 103	3	77.0 105	6	67.7 104	3	76.0 104	3	74.6 101
NIMBUS	0	0.0	0	0.0	4	77.1 112**	3	85.8 118*	3	81.4 110
PAVO L.p.	0	0.0	0	0.0	0	0.0	0	0.0	3	85.0 101

jatkuu

Niittynurmikka, 1992-1996, Viralliset kokeet: Keskimääräinen viherpeittävyys, luokittelu vuosittain  
 Kentucky bluegrass, *Poa pratensis* L., 1992-1996, Official variety trials: Green cover in average, classification according to years

Lajike Variety	V 1992		V 1993		V 1994		V 1995		V 1996	
	kpl	% sl	kpl	% sl	kpl	% sl	kpl	% sl	kpl	% sl
jatkoa	Year 1992	Year 1993	Year 1994	Year 1995	Year 1996	Year 1992	Year 1993	Year 1994	Year 1995	Year 1996
	trials	% rel.	trials	% rel.	trials	% rel.	trials	% rel.	trials	% rel.
=C	12	72.3 100	12	69.9 100	9	63.8 100	3	72.9 100	6	79.0 100
BARON	4	73.9 104	4	74.1 106*	8	66.7 100	3	77.6 107	3	73.9 100
SASKIA	4	76.7 108	4	74.1 106	8	68.8 104	3	77.8 107*	3	73.4 99
UNIQUE	4	73.1 103	4	75.2 107	8	68.9 104*	3	77.3 106	3	75.2 102*
UNNA	4	66.5 97	4	72.1 104	6	63.4 99	3	73.0 100	3	71.1 96
WEMBLEY	2	97.7 111	2	95.3 113	0	0.0	0	0.0	3	89.8 107*
BOR 0348	0	0.0	0	0.0	0	0.0	0	0.0	3	81.3 97
DP 37-6.1										

Röllit, 1989-1996, Viralliset kokeet  
Bentgrasses, *Agrostis sp L.*, 1989-1996, Official variety trials

Poikkeumat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viherpeittävyys keskimäärin		Tiheys		Talvi- tuho-%	Kasvu cm	Kasvuun lähtö pv lkm	Värin kesto	Viherpeittävyys	
	kpl	% sl	Syky	Kevät					Kevät 1	Keskimessä
Variety	Green cover in average		Density		Winter damage	Growth	Beginning of	Strength	Green cover	
	trials	% rel.	Autumn	Spring	%	cm	growth d	of colour	Spring 1	Midsummer
RASTI A.C.	19	73 100	92	66	21	41	27	61	54	81
BARDOT A.C.	12	66 92	-4	-5	2	-7***	1	0	-8	-7
BORAL A.C.	12	64 89*	-4	-8**	6*	0	1	-2	-7	-7*
DENSO A.S.	9	64 86	-4	-10*	8	-9***	1	0	-14*	-11
EMERALD A.S.	12	64 90	-2	-10	9	-3*	3	0	-14*	-5
NATIONAL A.S.	12	61 85**	-3	-13*	11	-2	3	-1	-17*	-7**

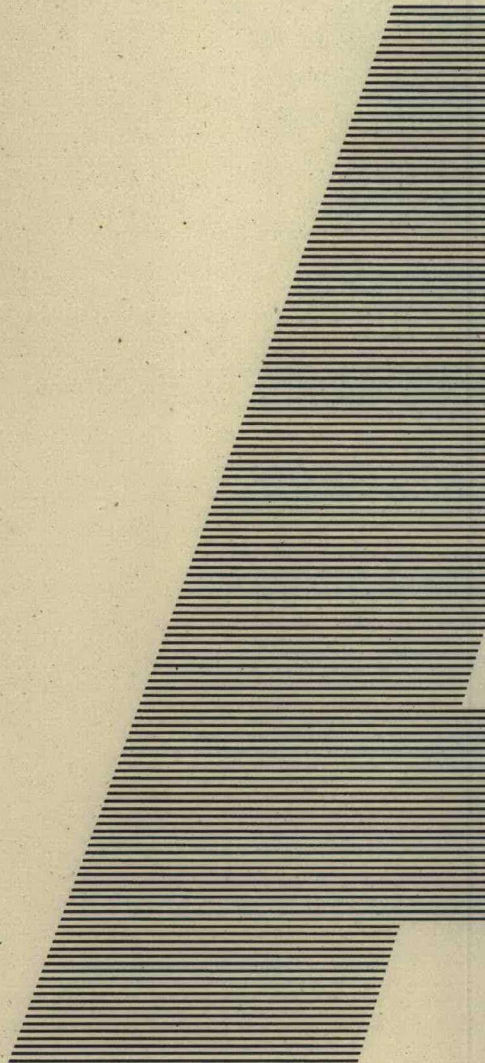
Keskimääräinen viherpeittävyys, luokittelu iän mukaan, Green cover in average, Classification according to age of lawn

Lajike	Nurmen ikä 1		Nurmen ikä 2		Nurmen ikä 3	
	kpl	% sl	kpl	% sl	kpl	% sl
Variety	Age of lawn 1 year		Age of lawn 2 years		Age of lawn 3 years	
	trials	% rel.	trials	% rel.	trials	% rel.
RASTI A.C.	5	72.1 100	6	81.8 100	6	71.1 100
BARDOT A.C.	4	59.2 89	4	69.9 90	4	68.5 96
BORAL A.C.	4	59.4 90	4	66.8 86	4	65.2 92
DENSO A.S.	3	53.5 83	3	69.3 86	3	69.0 91
EMERALD A.S.	4	61.2 92	4	67.7 87	4	63.8 90
NATIONAL A.S.	4	58.6 88	4	63.5 82	4	60.8 86**

Röllit, 1992-1996, Viralliset kokeet: Keskimääräinen vihreä peittävyys, luokittelu vuosittain  
 Bentgrasses, *Agrostis sp L.*, 1992-1996, Official variety trials: Green covering in average, classification according to years

Lajike	V 1992.		V 1993		V 1994		V 1995		V 1996	
	kpl	% sl	kpl	% sl	kpl	% sl	kpl	% sl	kpl	% sl
Variety	Year 1992		Year 1993		Year 1994		Year 1995		Year 1996	
	trials	% rel.	trials	% rel.	trials	% rel.	trials	% rel.	trials	% rel.
=C	3	65.0	2	61.8	4	62.4	3	80.8	3	76.2
RASTI A.C.	1	71.0	1	66.7	4	55.3	3	70.9	3	72.8
BARDOT A.C.	1	68.6	1	62.0	4	55.5	3	68.4	3	69.2
BORAL A.C.	0	0.0	0	0.0	3	53.5	3	69.3	3	69.0
DENSO A.S.	1	72.4	1	61.4	4	56.2	3	69.8	3	67.7
EMERALD A.S.										
NATIONAL A.S.	1	70.5	1	57.6	4	53.1	3	65.4	3	64.9
										85**





Jokioinen 1997  
ISBN 951-729-484-0  
ISSN 1238-9935