

Maturity Classification of Wheat Varieties

Beatrix Haggard Plant Science Youth Development

Brett Carver Wheat Breeder

Jeff Edwards

Small Grains Extension

Maturity classification is an important consideration when choosing a wheat variety. Abiotic stress factors such as freeze, drought or heat do not generally affect maturity classes equally within a given year. Growers can reduce overall risk from abiotic stress by splitting acres among early, medium-, and late-maturing varieties. Planting an early maturing variety generally reduces risk associated with heat during grain fill,

Licensee	Entry	Maturity
AGSECO	TAM 113	Μ
AGSECO	TAM 114	M
KWA	1863	M
KWA	Everest	E
KWA	Fuller	E
KWA	Jagger	VE
KWA	KanMark	M
KWA	Karl 92	E
KWA	Oakley CL	L
KWA	Overley	VE
LCS	LCS Mint	M
LCS	LCS Wizard	M
LCS	Mint	L
LCS	T153	E
LCS	T154	E
LCS	T158	M
LCS	T163	M
LCS	LCS Pistol	E
OGI	Bentley	E
OGI	Billings	E
OGI	Centerfield	M
OGI	Doublestop CL Plu	
OGI	Duster	M
OGI	Gallagher	E
OGI	Garrison	L
OGI	Iba	L
OGI	OK Bullet	M
OGI	Pete	E
OGI	Ruby Lee	E
OSU	2174	L
OSU	Chisholm	E
OSU	Custer	E
OSU	Deliver	Μ
OSU	Endurance	L
OSU	Triumph 64	Μ

Oklahoma Cooperative Extension Fact Sheets are also available on our website at: http://osufacts.okstate.edu

but increases risk associated with spring freeze injury. The opposite is true for late maturing wheat varieties, which increase risk associated with heat during grain fill, but reduce risk associated with spring freeze injury. Ultimately, a diversified portfolio of wheat varieties of different maturity classes will reduce the risk associated with a single adverse weather event. See Table 1 below for maturity listings of wheat varieties.

Licensee	Entry	Maturity
PlainsGold	Above	VE
PlainsGold	Bill Brown	M
PlainsGold	Brawl CL Plus	E
PlainsGold	Byrd	M
PlainsGold	Hatcher	L
PlainsGold	Ripper	E
Syngenta	AP503CL2	L
Syngenta	CJ	E
Syngenta	Cutter	M
Syngenta	Doans	Μ
Syngenta	Fannin	VE
Syngenta	Greer	Μ
Syngenta	Jackpot	E
Syngenta	Jagalene	E
Syngenta	Postrock	Μ
Syngenta	SY Drifter	Μ
Syngenta	SY Flint	E
Syngenta	SY Llano	VE
Syngenta	SY Monument	L
Syngenta	SY Southwind	E
Syngenta	SY Wolf	Μ
Syngenta	TAM 111	L
TAMU	Lockett	VL
TAMU	TAM 110	VE
TAMU	TAM 401	E
UN-L	Mace	VL
Watley	TAM 112	L
Watley	TAM 304	M
WestBred	Armour	E
WestBred	Redhawk	E
WestBred	Santa Fe	Μ
WestBred	WB Cedar	E
WestBred	WB-Grainfield	L
WestBred	WB4458	Μ
WestBred	Winterhawk	Μ

VE = Very Early, E = Early, M = Medium, L = Late, VL = Latest

The Oklahoma Cooperative Extension Service Bringing the University to You!

The Cooperative Extension Service is the largest, most successful informal educational organization in the world. It is a nationwide system funded and guided by a partnership of federal, state, and local governments that delivers information to help people help themselves through the land-grant university system.

Extension carries out programs in the broad categories of agriculture, natural resources and environment; family and consumer sciences; 4-H and other youth; and community resource development. Extension staff members live and work among the people they serve to help stimulate and educate Americans to plan ahead and cope with their problems.

Some characteristics of the Cooperative Extension system are:

- The federal, state, and local governments cooperatively share in its financial support and program direction.
- It is administered by the land-grant university as designated by the state legislature through an Extension director.
- Extension programs are nonpolitical, objective, and research-based information.
- It provides practical, problem-oriented education

for people of all ages. It is designated to take the knowledge of the university to those persons who do not or cannot participate in the formal classroom instruction of the university.

- It utilizes research from university, government, and other sources to help people make their own decisions.
- More than a million volunteers help multiply the impact of the Extension professional staff.
- It dispenses no funds to the public.
- It is not a regulatory agency, but it does inform people of regulations and of their options in meeting them.
- Local programs are developed and carried out in full recognition of national problems and goals.
- The Extension staff educates people through personal contacts, meetings, demonstrations, and the mass media.
- Extension has the built-in flexibility to adjust its programs and subject matter to meet new needs. Activities shift from year to year as citizen groups and Extension workers close to the problems advise changes.

Oklahoma State University, in compliance with Title VI and VII of the Civil Rights Act of 1964, Executive Order 11246 as amended, and Title IX of the Education Amendments of 1972 (Higher Education Act), the Americans with Disabilities Act of 1990, and other federal and state laws and regulations, does not discriminate on the basis of race, color, national origin, genetic information, sex, age, sexual orientation, gender identity, religion, disability, or status as a veteran, in any of its policies, practices or procedures. This provision includes, but is not limited to admissions, employment, financial aid, and educational services. The Director of Equal Opportunity, 408 Whitehurst, OSU, Stillwater, OK 74078-1035; Phone 405-744-5371; email: eeo@okstate.edu has been designated to handle inquiries regarding non-discrimination policies: Director of Equal Opportunity. Any person (student, faculty, or staff) who believes that discriminatory practices have been engaged in based on gender may discuss his or her concerns and file informal or formal complaints of possible violations of Title IX with OSU's Title IX Coordinator 405-744-9154.

Issued in furtherance of Cooperative Extension work, acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture, Director of Oklahoma Cooperative Extension Service, Oklahoma State University, Stillwater, Oklahoma. This publication is printed and issued by Oklahoma State University as authorized by the Vice President, Dean, and Director of the Division of Agricultural Sciences and Natural Resources and has been prepared and distributed at a cost of 20 cents per copy. 1215 GH.