

# Estudi de la viabilitat agronòmica i ambiental del conreu de la quinoa a la vall d'Alinyà.

[ANNEX]

Edwin Alejandro Baca, Elisenda Bea, David Cabau, Òscar López i Alejandra Romeral

Treball de fi de Grau

Ciències Ambientals

**Tutors :**

**Dr. Martí Boada**

**Prof. Jordi Duch**

**Directors:**

**(Unitat Treball de fi de Grau)**

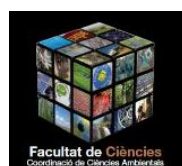
**Dr. Martí Boada**

**Prof. Jordi Duch**

**Dra. Almudena Hierro**

**Dr. Joan Rieradevall**

**Bellaterra, Febrer 2015**

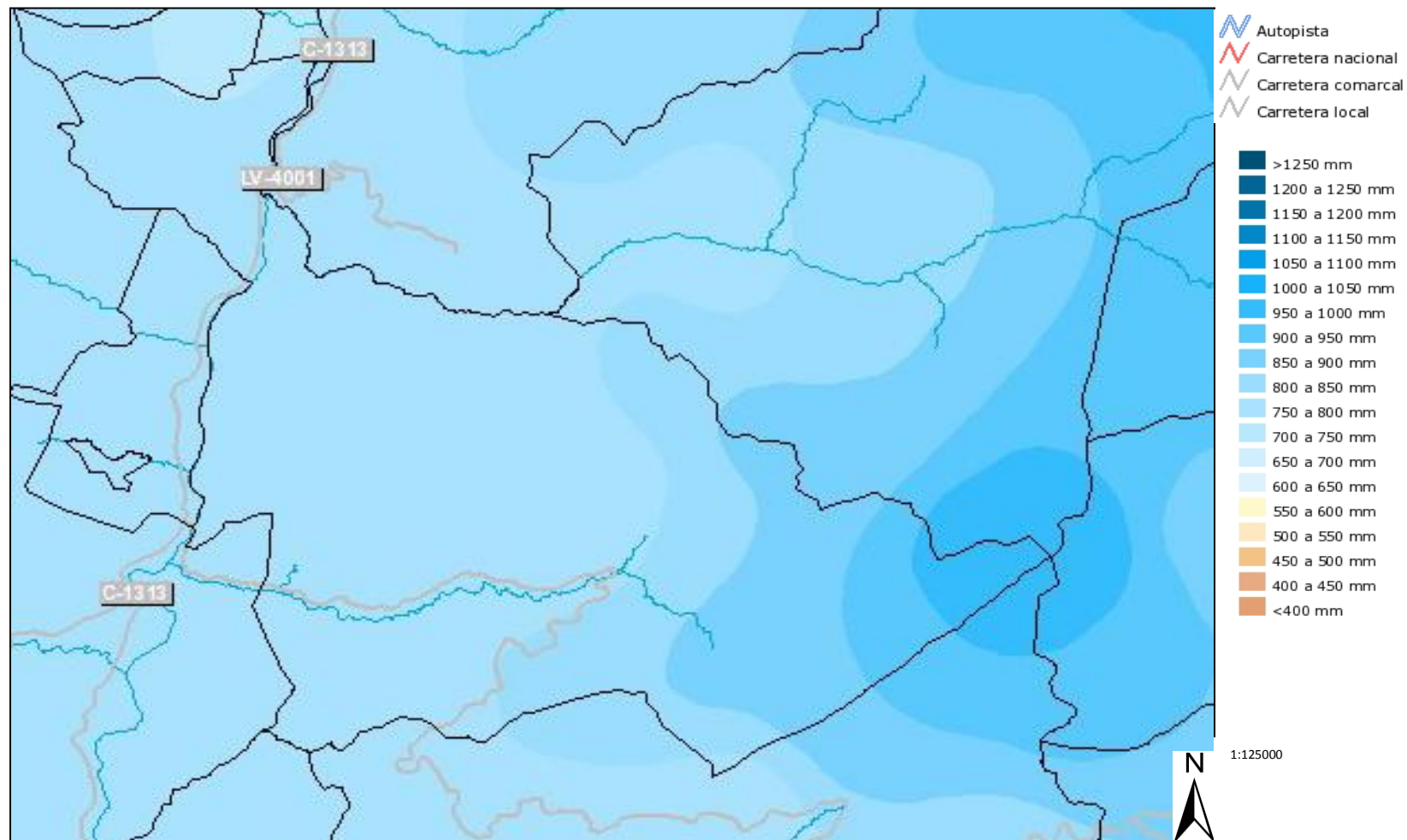


## **ANNEX:**

- ❖ **Mapa toponímic de la vall Alinyà**
- ❖ **Mapa de precipitació mitjana anual**
- ❖ **Mapa de temperatura mitjana anual**
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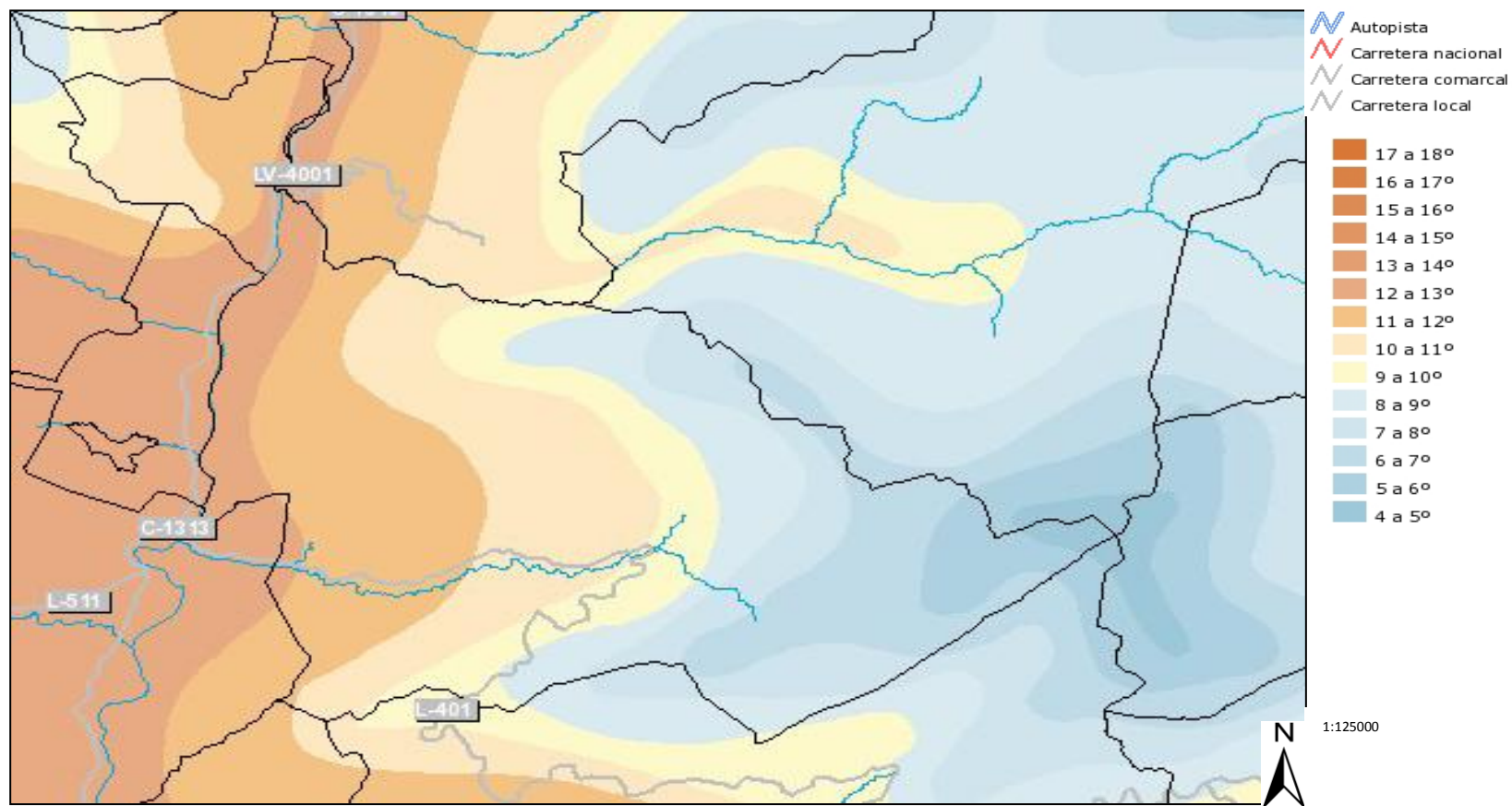


## Mapa de precipitació mitjana anual.



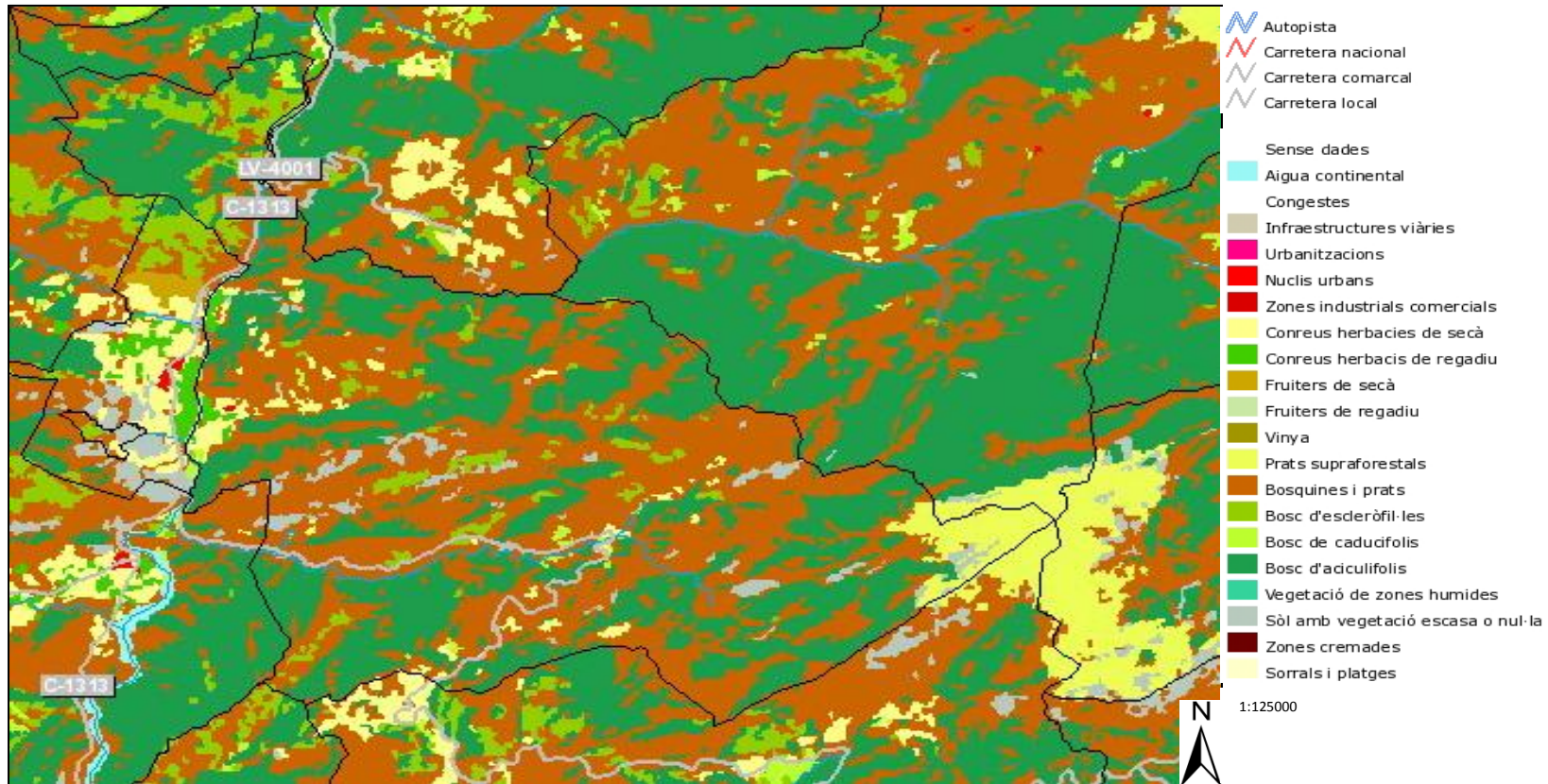
Mapa 2. Mapa de precipitació mitjana anual al municipi de Figols i Alinyà. Font: Atles Nacional de Catalunya.

### Mapa de temperatura mitjana anual.



Mapa 3. Mapa de temperatura mitjana anual al municipi de Figols i Alinyà. Font: Atles Nacional de Catalunya

## Mapa d'usos del sòl.



Mapa 4. Mapa d'usos del sòl del municipi de Fígols i Alinyà. Font: Atles Nacional de Catalunya



Parcel·la: Mijenca (06/12/2014)

Zona: Bloc 1

| Codi planta | # total plantes en 50 cm | Altura planta (cm) | Altura panotxa (cm) | Maduració del gra |   |   |   | Afecció per aus | Plaga d'àfid | Tipus de panotxa |   |   |   |
|-------------|--------------------------|--------------------|---------------------|-------------------|---|---|---|-----------------|--------------|------------------|---|---|---|
|             |                          |                    |                     | I                 | L | P | M |                 |              | L                | C | A | G |
| Q5-1        | 4                        | 192                | 41                  |                   |   | X |   | 0               | 4            |                  | X | X |   |
| Q5-2        | -                        | 207                | 43                  |                   |   | X |   | 0               | -            |                  | X | X |   |
| Q5-3        | -                        | 204                | 47                  |                   |   | X |   | 1               | -            |                  | X | X |   |
| Q5-4        | -                        | 237                | 64                  |                   |   | X |   | 0               | -            |                  | X | X |   |
| Q5-5        | -                        | 233                | 54                  |                   |   | X |   | 0               | -            |                  | X | X |   |
| NC8-1       | 6                        | 168                | 54                  |                   |   | X |   | 1               | 4            | X                |   |   | X |
| NC8-2       | -                        | 157                | 50                  |                   |   | X |   | 0               | -            | X                |   |   | X |
| NC8-3       | -                        | 190                | 44                  |                   |   | X |   | 3               | -            | X                |   |   | X |
| NC8-4       | -                        | 185                | 55                  |                   |   | X |   | 3               | -            | X                |   |   | X |
| NC8-5       | -                        | 170                | 54                  |                   |   | X |   | 1               | -            | X                |   |   | X |
| AM9-1       |                          |                    |                     |                   |   |   |   |                 |              |                  |   |   |   |
| AM9-2       |                          |                    |                     |                   |   |   |   |                 |              |                  |   |   |   |
| AM9-3       | 6                        | 242                | 53                  |                   |   | X |   | 5               | 3            | X                |   |   | X |
| AM9-4       |                          |                    |                     |                   |   |   |   |                 |              |                  |   |   |   |
| AM9-5       | -                        | 205                | 41                  |                   |   | X |   | 3               | -            | X                |   | X |   |

Gra: inici formació del gra (I), lletós (L), pastós (P) o madur (M); Panotxa: laxa (L), compacta (C), amarantiforme (A) o glomerulada (G)



Parcel·la: Mijenca (06/12/2014)

Zona: Bloc 2

| Codi planta | # total plantes en 50 cm | Altura planta (cm) | Altura panotxa (cm) | Maduració del gra |   |   |   | Afecció per aus | Plaga d'áfíd | Tipus de panotxa |   |   |   |
|-------------|--------------------------|--------------------|---------------------|-------------------|---|---|---|-----------------|--------------|------------------|---|---|---|
|             |                          |                    |                     | I                 | L | P | M |                 |              | L                | C | A | G |
| BJ-1        | 8                        | 225                | 60                  |                   | X |   |   | 0               | 7            | X                |   | X |   |
| BJ-2        | 5                        | 195                | 38                  |                   |   | X |   | 5               | 4            | X                |   | X |   |
| BJ-3        | 6                        | 198                | 44                  |                   |   | X |   | 1               | 5            | X                |   | X |   |
| BJ-4        | -                        | 205                | 40                  |                   |   | X |   | 7               | -            | X                |   | X |   |
| BJ-5        | 6                        | 201                | 43                  |                   |   | X |   | 5               | 4            | X                |   | X |   |
| BJ-6        | 7                        | 173                | 38                  |                   |   | X |   | 5               | 4            | X                |   |   | X |
| BJ-7        | 7                        | 197                | 46                  |                   |   | X |   | 7               | 6            | X                |   | X |   |
| BJ-8        | -                        | 200                | 50                  |                   |   | X |   | 7               | -            | X                |   | X |   |
| BJ-9        | 7                        | 224                | 45                  |                   |   | X |   | 7               | 6            | X                |   | X |   |
| BJ-10       | 8                        | 233                | 65                  |                   | X |   |   | 0               | 6            |                  | X | X |   |
|             |                          |                    |                     |                   |   |   |   |                 |              |                  |   |   |   |
| AM-1        | 5                        | 245                | 63                  |                   |   |   | X | 7               | 4            |                  | X | X |   |
| AM-2        | 3                        | 205                | 44                  |                   |   | X |   | 0               | 2            |                  | X | X |   |
| AM-3        | 7                        | 210                | 47                  |                   |   | X |   | 1               | 4            |                  | X | X |   |
| AM-4        | -                        | 218                | 44                  |                   |   | X |   | 5               | -            |                  | X | X |   |
| AM-5        | 6                        | 208                | 38                  |                   |   | X |   | 3               | 3            | X                |   | X |   |
| AM-6        | 6                        | 224                | 38                  |                   |   | X |   | 3               | 6            |                  | X | X |   |
| AM-7        | 5                        | 190                | 25                  |                   |   | X |   | 1               | 3            |                  | X | X |   |
| AM-8        | -                        | 200                | 40                  |                   |   | X |   | 1               | -            |                  | X | X |   |
| AM-9        | 8                        | 188                | 32                  |                   |   | X |   | 5               | 6            |                  | X | X |   |
| AM-10       |                          |                    |                     |                   |   |   |   |                 |              |                  |   |   |   |
|             |                          |                    |                     |                   |   |   |   |                 |              |                  |   |   |   |
| BJSA1-1     | 6                        | 175                | 47                  |                   |   | X |   | 1               | 3            | X                |   | X |   |
| BJSA1-2     | -                        | 204                | 56                  |                   |   | X |   | 3               | -            | X                |   | X |   |
| BJSA1-3     | -                        | 231                | 67                  |                   |   |   | X | 1               | -            | X                |   | X |   |
| BJSA1-4     | -                        | 196                | 45                  |                   |   | X |   | 7               | -            | X                |   | X |   |
| BJSA1-5     | -                        | 188                | 53                  |                   |   | X |   | 3               | -            | X                |   | X |   |
|             |                          |                    |                     |                   |   |   |   |                 |              |                  |   |   |   |
| Q2-1        | 7                        | 208                | 48                  |                   |   | X |   | 0               | 6            |                  | X | X |   |
| Q2-2        | -                        | 175                | 42                  |                   |   |   | X | 1               | -            |                  | X | X |   |
| Q2-3        | -                        | 204                | 43                  |                   |   | X |   | 0               | -            |                  | X | X |   |
| Q2-4        | -                        | 178                | 33                  |                   |   | X |   | 1               | -            |                  | X | X |   |
| Q2-5        | -                        | 204                | 43                  |                   |   | X |   | 1               | -            |                  | X | X |   |
|             |                          |                    |                     |                   |   |   |   |                 |              |                  |   |   |   |
| P3-1        | 8                        | 172                | 25                  |                   |   |   | X | 5               | 1            | X                |   |   | X |
| P3-2        | -                        | 170                | 15                  |                   |   |   | X | 9               | -            | X                |   |   | X |
| P3-3        | -                        | 181                | 44                  |                   |   | X |   | 5               | -            | X                |   |   | X |
| P3-4        | -                        | 185                | 66                  |                   |   | X |   | 7               | -            | X                |   |   | X |
| P3-5        | -                        | 217                | 53                  |                   |   |   | X | 3               | -            | X                |   |   | X |
|             |                          |                    |                     |                   |   |   |   |                 |              |                  |   |   |   |
| S4-1        | 5                        | 205                | 57                  |                   |   | X |   | 0               | 5            |                  | X | X |   |
| S4-2        | -                        | 204                | 40                  |                   |   | X |   | 5               | -            |                  | X | X |   |
| S4-3        | -                        | 189                | 40                  |                   |   | X |   | 0               | -            |                  | X | X |   |
| S4-4        | -                        | 192                | 37                  |                   |   | X |   | 0               | -            |                  | X | X |   |
| S4-5        | -                        | 200                | 32                  |                   |   |   | X | 0               | -            |                  | X | X |   |

Parcel·la: Mijenca (06/12/2014)

Zona: Bloc 2

| Codi planta | # total plantes en 50 cm | Altura planta (cm) | Altura panotxa (cm) | Maduració del gra |   |   |   | Afecció per aus | Plaga d'áfíd | Tipus de panotxa |   |   |   |
|-------------|--------------------------|--------------------|---------------------|-------------------|---|---|---|-----------------|--------------|------------------|---|---|---|
|             |                          |                    |                     | I                 | L | P | M |                 |              | L                | C | A | G |
| K5-1        | 7                        | 198                | 44                  |                   |   | X |   | 5               | 7            | X                |   |   | X |
| K5-2        | -                        | 202                | 48                  |                   |   | X |   | 3               | -            | X                |   |   | X |
| K5-3        | -                        | 144                | 30                  |                   |   | X |   | 9               | -            | X                |   |   | X |
| K5-4        | -                        | 152                | 35                  |                   |   | X |   | 9               | -            | X                |   |   | X |
| K5-5        | -                        | 234                | 60                  |                   |   |   | X | 1               | -            | X                |   |   | X |
| D06-1       | 8                        | 150                | 47                  |                   | X |   |   | 3               | 6            | X                |   | X |   |
| D06-2       |                          |                    |                     |                   |   |   |   |                 |              |                  |   |   |   |
| D06-3       | -                        | 155                | 42                  |                   |   | X |   | 3               | -            | X                |   | X |   |
| D06-4       | -                        | 186                | 64                  |                   |   | X |   | 1               | -            |                  | X |   | X |
| D06-5       |                          |                    |                     |                   |   |   |   |                 |              |                  |   |   |   |
| H7-1        | 8                        | 163                | 40                  |                   |   |   | X | 5               | 3            | X                |   | X |   |
| H7-2        | -                        | 166                | 62                  |                   |   | X |   | 5               | -            | X                |   | X |   |
| H7-3        | -                        | 186                | 84                  |                   | X |   |   | 3               | -            | X                |   | X |   |
| H7-4        | -                        | 178                | 43                  |                   |   | X |   | 3               | -            | X                |   | X |   |
| H7-5        | -                        | 195                | 75                  |                   |   |   | X | 1               | -            | X                |   | X |   |
| NC8-1       | 8                        | 202                | 70                  |                   |   | X |   | 3               | 5            | X                |   |   | X |
| NC8-2       | -                        | 165                | 51                  |                   |   | X |   | 3               | -            | X                |   |   | X |
| NC8-3       | -                        | 150                | 58                  |                   |   | X |   | 5               | -            | X                |   |   | X |
| NC8-4       | -                        | 160                | 70                  |                   |   | X |   | 1               | -            | X                |   |   | X |
| NC8-5       | -                        | 173                | 62                  |                   |   |   | X | 1               | -            | X                |   | X |   |
| AM9-1       | 7                        | 198                | 43                  |                   |   |   | X | 0               | 6            |                  | X | X |   |
| AM9-2       | -                        | 198                | 40                  |                   |   |   | X | 1               | -            |                  | X | X |   |
| AM9-3       | -                        | 183                | 40                  |                   |   |   | X | 0               | -            |                  | X | X |   |
| AM9-4       | -                        | 178                | 46                  |                   |   | X |   | 1               | -            |                  | X | X |   |
| AM9-5       | -                        | 216                | 53                  |                   |   | X |   | 0               | -            |                  | X | X |   |

Gra: inici formació del gra (I), lletós (L), pastós (P) o madur (M); Panotxa: laxa (L), compacta (C), amarantiforme (A) o glomerulada (G)

Parcel·la: Mijenca (06/12/2014)

Zona: Bloc 3

| Codi planta | # total plantes en 50 cm | Altura planta (cm) | Altura panotxa (cm) | Maduració del gra |   |   |   | Afecció per aus | Plaga d'áfíd | Tipus de panotxa |   |   |   |
|-------------|--------------------------|--------------------|---------------------|-------------------|---|---|---|-----------------|--------------|------------------|---|---|---|
|             |                          |                    |                     | I                 | L | P | M |                 |              | L                | C | A | G |
| BJ-1        | 6                        | 215                | 60                  |                   |   | X |   | 3               | 4            | X                |   | X |   |
| BJ-2        | 5                        | 190                | 52                  |                   | X |   |   | 1               | 4            | X                |   | X |   |
| BJ-3        | 9                        | 183                | 40                  |                   |   | X |   | 1               | 7            | X                |   | X |   |
| BJ-4        | -                        | 222                | 55                  |                   |   | X |   | 1               | -            | X                |   | X |   |
| BJ-5        | 6                        | 203                | 43                  |                   |   | X |   | 3               | 5            | X                |   | X |   |
| BJ-6        | 6                        | 203                | 43                  |                   | X |   |   | 3               | 6            | X                |   | X |   |
| BJ-7        | 4                        | 180                | 22                  |                   |   | X |   | 7               | 4            | X                |   | X |   |
| BJ-8        | -                        | 220                | 37                  |                   | X |   |   | 5               | -            | X                |   |   | X |
| BJ-9        | 6                        | 194                | 33                  |                   |   | X |   | 3               | 6            | X                |   |   | X |
| BJ-10       | -                        | 224                | 57                  |                   |   | X |   | 5               | -            | X                |   |   | X |
|             |                          |                    |                     |                   |   |   |   |                 |              |                  |   |   |   |
| AM-1        | 6                        | 204                | 34                  |                   |   | X |   | 0               | 4            |                  | X | X |   |
| AM-2        | 7                        | 215                | 50                  |                   |   | X |   | 5               | 5            |                  | X | X |   |
| AM-3        | 5                        | 249                | 39                  |                   |   | X |   | 1               | 5            |                  | X | X |   |
| AM-4        | -                        | 250                | 58                  |                   |   | X |   | 1               | -            |                  | X | X |   |
| AM-5        | 8                        | 284                | 43                  |                   |   | X |   | 0               | 5            |                  | X | X |   |
| AM-6        | 5                        | 205                | 50                  |                   |   | X |   | 5               | 5            |                  | X | X |   |
| AM-7        | 6                        | 230                | 45                  |                   |   |   | X | 0               | 4            |                  | X | X |   |
| AM-8        |                          |                    |                     |                   |   |   |   |                 |              |                  |   |   |   |
| AM-9        | 8                        | 236                | 45                  |                   |   |   | X | 0               | 7            |                  | X | X |   |
| AM-10       | 7                        | 238                | 61                  |                   |   | X |   | 0               | 7            |                  | X | X |   |
|             |                          |                    |                     |                   |   |   |   |                 |              |                  |   |   |   |
| BJSA1-1     | 7                        | 180                | 48                  |                   |   | X |   | 3               | 6            | X                |   | X |   |
| BJSA1-2     | -                        | 208                | 55                  |                   |   | X |   | 1               | -            | X                |   | X |   |
| BJSA1-3     | -                        | 172                | 34                  |                   |   | X |   | 1               | -            | X                |   | X |   |
| BJSA1-4     | -                        | 200                | 65                  |                   |   | X |   | 3               | -            | X                |   | X |   |
| BJSA1-5     | -                        | 235                | 39                  |                   |   | X |   | 3               | -            | X                |   |   | X |
|             |                          |                    |                     |                   |   |   |   |                 |              |                  |   |   |   |
| Q2-1        | 6                        | 180                | 40                  |                   |   | X |   | 0               | 5            |                  | X | X |   |
| Q2-2        | -                        | 198                | 29                  |                   |   | X |   | 0               | -            |                  | X | X |   |
| Q2-3        | -                        | 192                | 33                  |                   |   | X |   | 0               | -            |                  | X | X |   |
| Q2-4        | -                        | 192                | 34                  |                   |   | X |   | 1               | -            |                  | X | X |   |
| Q2-5        | -                        | 183                | 23                  |                   | X |   |   | 0               | -            |                  | X | X |   |
|             |                          |                    |                     |                   |   |   |   |                 |              |                  |   |   |   |
| P3-1        | 6                        | 201                | 60                  |                   |   | X |   | 1               | 6            | X                |   |   | X |
| P3-2        | -                        | 166                | 21                  |                   |   | X |   | 5               | -            | X                |   |   | X |
| P3-3        | -                        | 193                | 45                  |                   |   |   | X | 3               | -            | X                |   |   | X |
| P3-4        | -                        | 156                | 21                  |                   |   | X |   | 5               | -            | X                |   |   | X |
| P3-5        | -                        | 173                | 33                  |                   |   | X |   | 9               | -            | X                |   |   | X |
|             |                          |                    |                     |                   |   |   |   |                 |              |                  |   |   |   |
| S4-1        | 6                        | 228                | 54                  |                   |   | X |   | 0               | 3            |                  | X | X |   |
| S4-2        | -                        | 194                | 38                  |                   |   | X |   | 5               | -            |                  | X | X |   |
| S4-3        | -                        | 242                | 34                  |                   |   | X |   | 0               | -            | X                |   | X |   |
| S4-4        | -                        | 222                | 44                  |                   |   | X |   | 0               | -            |                  | X | X |   |
| S4-5        | -                        | 217                | 48                  |                   |   | X |   | 0               | -            |                  | X | X |   |

Parcel·la: Mijenca (06/12/2014)

Zona: Bloc 3

| Codi planta | # total plantes en 50 cm | Altura planta (cm) | Altura panotxa (cm) | Maduració del gra |   |   |   | Afecció per aus | Plaga d'áfíd |   | Tipus de panotxa |   |   |   |
|-------------|--------------------------|--------------------|---------------------|-------------------|---|---|---|-----------------|--------------|---|------------------|---|---|---|
|             |                          |                    |                     | I                 | L | P | M |                 |              |   | L                | C | A | G |
| K5-1        | 7                        | 177                | 49                  |                   |   |   | X | 1               | 4            |   | X                |   | X |   |
| K5-2        | -                        | 209                | 68                  |                   |   | X |   | 3               | -            | X |                  |   | X |   |
| K5-3        | -                        | 213                | 67                  |                   |   |   | X | 1               | -            |   | X                |   | X |   |
| K5-4        | -                        | 157                | 40                  |                   |   |   | X | 9               | -            |   | X                |   | X |   |
| K5-5        | -                        | 190                | 76                  |                   |   |   | X | 5               | -            | X |                  | X |   |   |
|             |                          |                    |                     |                   |   |   |   |                 |              |   |                  |   |   |   |
| DO6-1       | 5                        | 172                | 43                  |                   |   | X |   | 0               | 5            |   | X                | X |   |   |
| DO6-2       | -                        | 167                | 54                  |                   |   | X |   | 0               | -            |   | X                |   | X |   |
| DO6-3       | -                        | 202                | 53                  |                   |   | X |   | 3               | -            | X |                  |   | X |   |
| DO6-4       | -                        | 180                | 48                  |                   |   | X |   | 5               | -            | X |                  |   | X |   |
| DO6-5       | -                        | 182                | 39                  |                   |   | X |   | 5               | -            | X |                  |   | X |   |
|             |                          |                    |                     |                   |   |   |   |                 |              |   |                  |   |   |   |
| H7-1        | 9                        | 194                | 52                  |                   |   |   | X | 3               | 7            | X |                  | X |   |   |
| H7-2        | -                        | 224                | 59                  |                   | X |   |   | 3               | -            | X |                  | X |   |   |
| H7-3        | -                        | 184                | 43                  |                   |   |   | X | 0               | -            | X |                  | X |   |   |
| H7-4        | -                        | 201                | 50                  |                   |   |   | X | 3               | -            | X |                  |   | X |   |
| H7-5        | -                        | 205                | 52                  |                   |   | X |   | 7               | -            | X |                  | X |   |   |
|             |                          |                    |                     |                   |   |   |   |                 |              |   |                  |   |   |   |
| NC8-1       | 8                        | 192                | 46                  |                   |   | X |   | 0               | 2            | X |                  |   | X |   |
| NC8-2       | -                        | 167                | 49                  |                   |   |   | X | 3               | -            | X |                  |   | X |   |
| NC8-3       | -                        | 183                | 47                  |                   |   | X |   | 0               | -            | X |                  |   | X |   |
| NC8-4       | -                        | 167                | 39                  |                   |   |   | X | 0               | -            | X |                  |   | X |   |
| NC8-5       | -                        | 171                | 44                  |                   |   | X |   | 5               | -            | X |                  |   | X |   |
|             |                          |                    |                     |                   |   |   |   |                 |              |   |                  |   |   |   |
| AM9-1       | 7                        | 221                | 55                  |                   |   | X |   | 0               | 5            |   | X                | X |   |   |
| AM9-2       | -                        | 213                | 36                  |                   |   | X |   | 0               | -            |   | X                | X |   |   |
| AM9-3       | -                        | 207                | 45                  |                   |   |   | X | 1               | -            |   | X                | X |   |   |
| AM9-4       | -                        | 212                | 45                  |                   |   | X |   | 0               | -            |   | X                | X |   |   |
| AM9-5       | -                        | 231                | 43                  |                   |   |   | X | 0               | -            |   | X                | X |   |   |

Gra: inici formació del gra (I), lletós (L), pastós (P) o madur (M); Panotxa: laxa (L), compacta (C), amarantiforme (A) o glomerulada (G)

### TEMPERATURA MITJANA MENSUAL ( °C ) - 2013

| ID | COMARCA    | CODI | NOM EMA      | GEN  | FEB | MAR  | ABR  | MAI  | JUN  | JUL  | AGOS | SET  | OCT  | NOV  | DES | ANY  |
|----|------------|------|--------------|------|-----|------|------|------|------|------|------|------|------|------|-----|------|
| 1  | Alt Urgell | CD   | Seu Urgell   | 3,5  | 2,5 | 6,6  | 9,6  | 10,6 | 16,6 | 20,3 | 20   | 16,7 | 13,4 | 6,9  | 2,7 | 10,8 |
| 2  | Alt Urgell | W5   | Oliana       | 2,7  | 4,1 | 8,5  | 11   | 12   | 18,6 | 24,4 | 22,8 | 18,8 | 15,2 | 7,8  | 2,4 | 12,4 |
| 3  | Alt Urgell | CJ   | Organyà      | 3,4  | 4   | 8,2  | 11   | 12   | 18,5 | 22,6 | 21,7 | 17,8 | 14,2 | 8,1  | 2,3 | 12   |
| 4  | Solsonès   | Z8   | P. de Compte | -2,2 | -7  | -3,3 | -0,3 | 0,3  | 6,8  | 11,7 | 11,3 | 8,5  | 5,4  | -1,8 | 0   | 2,5  |
| 5  | Alt Urgell | Y4   | Alinyà       | 0    | 0   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0   | 0    |

**Taula 1. Temperatures mitjanes mensuals. Any 2013.** Font: Anuari de dades meteorològiques 2013 / Servei Meteorològic de Catalunya - Meteocat

### TEMPERATURA MÍNIMA MITJANA MENSUAL ( °C ) - 2013

| ID | COMARCA    | CODI | NOM EMA      | GEN  | FEB  | MAR  | ABR  | MAI  | JUN  | JUL  | AGOS | SET  | OCT | NOV  | DES  | ANY  |
|----|------------|------|--------------|------|------|------|------|------|------|------|------|------|-----|------|------|------|
| 1  | Alt Urgell | CD   | Seu Urgell   | -1,7 | -2,5 | 1,7  | 3,6  | 4,7  | 9,5  | 13,4 | 13,1 | 9,7  | 7,5 | 1,5  | -2,8 | 4,8  |
| 2  | Alt Urgell | W5   | Oliana       | -2,2 | -1,7 | 2,7  | 4,4  | 5,2  | 10,6 | 16,7 | 15,5 | 11,2 | 9,1 | 2,3  | -2,5 | 6    |
| 3  | Alt Urgell | CJ   | Organyà      | -2,1 | -1,4 | 2,52 | 4,4  | 5,3  | 10,5 | 15,2 | 14,6 | 10,7 | 8,3 | 2,6  | -2,6 | 5,7  |
| 4  | Solsonès   | Z8   | P. de Compte | -5,2 | -9,8 | -5,5 | -3,1 | -2,2 | 3,7  | 8,2  | 8,2  | 5,9  | 2,9 | -4,8 | -2,7 | -0,3 |
| 5  | Alt Urgell | Y4   | Alinyà       | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0   | 0    | 0    | 0    |

**Taula 2. Temperatures mínimes mitjanes mensuals. Any 2013.** Font: Anuari de dades meteorològiques 2013 / Servei Meteorològic de Catalunya - Meteocat

### PRECIPITACIÓ MENSUAL ( mm ) 2013

| ID | COMAR CA   | CODI | NOM EMA      | GEN  | FEB  | MAR   | ABR   | MAI   | JUN  | JUL   | AGOS | SET  | OCT  | NOV  | DES  | ANY    |
|----|------------|------|--------------|------|------|-------|-------|-------|------|-------|------|------|------|------|------|--------|
| 1  | Alt Urgell | CD   | Seu Urgell   | 66,1 | 17,6 | 78,6  | 100,4 | 95,1  | 33,8 | 105,5 | 54,7 | 43,7 | 35,3 | 38,8 | 26,3 | 695,9  |
| 2  | Alt Urgell | W5   | Oliana       | 48,2 | 17,8 | 65,4  | 116,6 | 84,4  | 22,5 | 43,3  | 52,4 | 37,4 | 28,1 | 39,7 | 16,6 | 572,4  |
| 3  | Alt Urgell | CJ   | Organyà      | 49,8 | 14,4 | 57,4  | 110,9 | 96,6  | 26,7 | 106,8 | 70,3 | 71,8 | 31,8 | 27,4 | 27,8 | 691,7  |
| 5  | Solsonès   | Z8   | P. de Compte | 117  | 43,7 | 209,5 | 157,8 | 193,9 | 46,8 | 116,4 | 46,3 | 62,8 | 41,3 | 31,5 | 77,9 | 1144,9 |
| 6  | Alt Urgell | Y4   | Alinyà       | 0    | 0    | 0     | 0     | 0     | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0      |

*Taula 3. Precipitació mitjana mensual. Any 2013. Font: Anuari de dades meteorològiques 2013 / Servei Meteorològic de Catalunya - Meteocat*

### HUMITAT RELATIVA MITJANA MENSUAL ( % ) - 2013

| ID | COMAR CA   | CODI | NOM EMA      | GEN | FEB | MAR | ABR | MAI | JUN | JUL | AGOS | SET | OCT | NOV | DES | ANY |
|----|------------|------|--------------|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|
| 1  | Alt Urgell | CD   | Seu Urgell   | 61  | 62  | 66  | 636 | 67  | 59  | 63  | 61   | 62  | 68  | 58  | 64  | 63  |
| 2  | Alt Urgell | W5   | Oliana       | 85  | 68  | 74  | 71  | 79  | 66  | 57  | 64   | 68  | 76  | 71  | 85  | 72  |
| 3  | Alt Urgell | CJ   | Organyà      | 69  | 61  | 68  | 65  | 72  | 61  | 61  | 63   | 66  | 73  | 60  | 72  | 66  |
| 5  | Solsonès   | Z8   | P. de Compte | 62  | 78  | 86  | 84  | 86  | 76  | 71  | 73   | 72  | 80  | 74  | 51  | 74  |
| 6  | Alt Urgell | Y4   | Alinyà       | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0    | 0   | 0   | 0   | 0   | 0   |

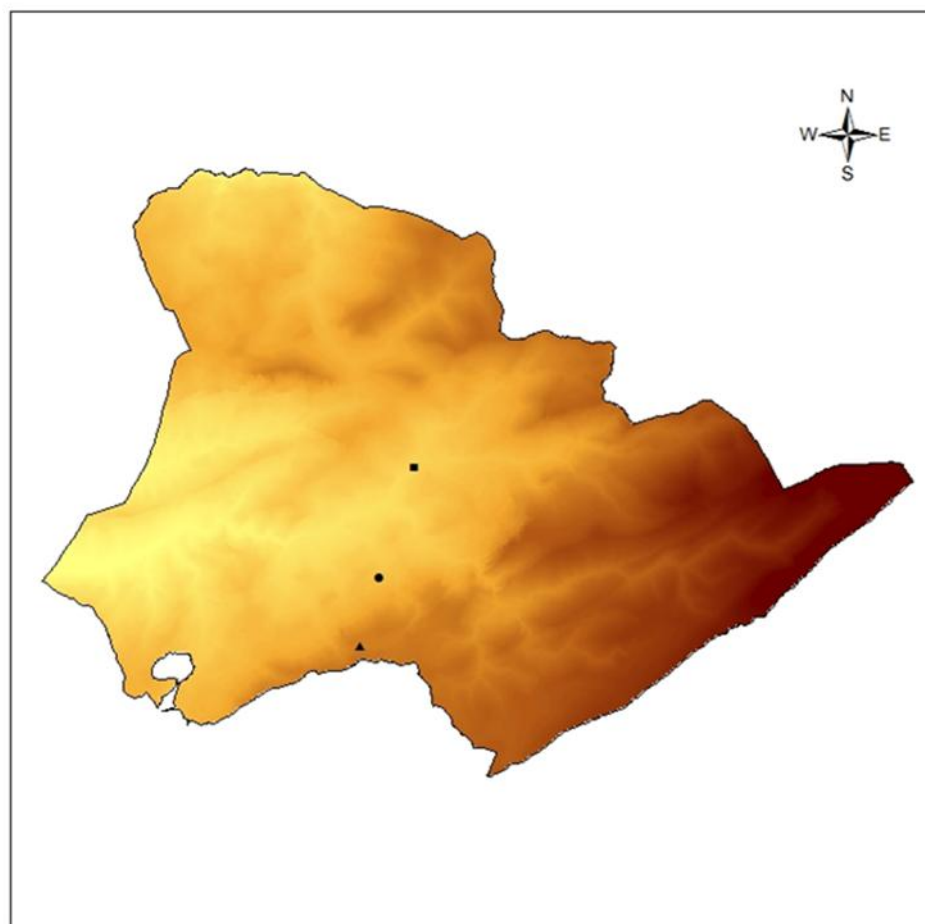
*Taula 4. Humitat relativa mitjana mensual. Any 2013. Font: Anuari de dades meteorològiques 2013 / Servei Meteorològic de Catalunya - Meteocat*

**NOMBRE DE DIES DE GLAÇADA (  $TN \leq 0 \text{ }^{\circ}\text{C}$  ) - 2013**

| ID | COMARCA    | CODI | NOM EMA      | GEN | FEB | MAR | ABR | MAI | JUN | JUL | AGOS | SET | OCT | NOV | DES | ANY |
|----|------------|------|--------------|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|
| 1  | Alt Urgell | CD   | Seu Urgell   | 25  | 24  | 8   | 4   | 1   | 0   | 0   | 0    | 0   | 1   | 12  | 28  | 103 |
| 2  | Alt Urgell | W5   | Oliana       | 27  | 21  | 6   | 2   | 0   | 0   | 0   | 0    | 0   | 0   | 11  | 28  | 95  |
| 3  | Alt Urgell | CJ   | Organyà      | 27  | 23  | 8   | 3   | 0   | 0   | 0   | 0    | 0   | 0   | 8   | 27  | 96  |
| 4  | Solsonès   | Z8   | P. de Compte | 23  | 28  | 31  | 24  | 23  | 5   | 0   | 0    | 0   | 5   | 24  | 22  | 185 |
| 5  | Alt Urgell | Y4   | Alinyà       | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0    | 0   | 0   | 0   | 0   | 0   |

*Taula 5. Nombre de dies de glaçada mensual. Any 2013. Font: Anuari de dades meteorològiques 2013 / Servei Meteorològic de Catalunya - Meteocat*

## Mapa d'altimetria de la vall d'Alinyà



1:80.000

0 7151.430 2.860 4.290 5.720 Meters

### Llegenda

- Ribatell
- Mijenca
- ▲ Prat-cani

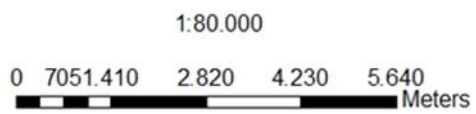
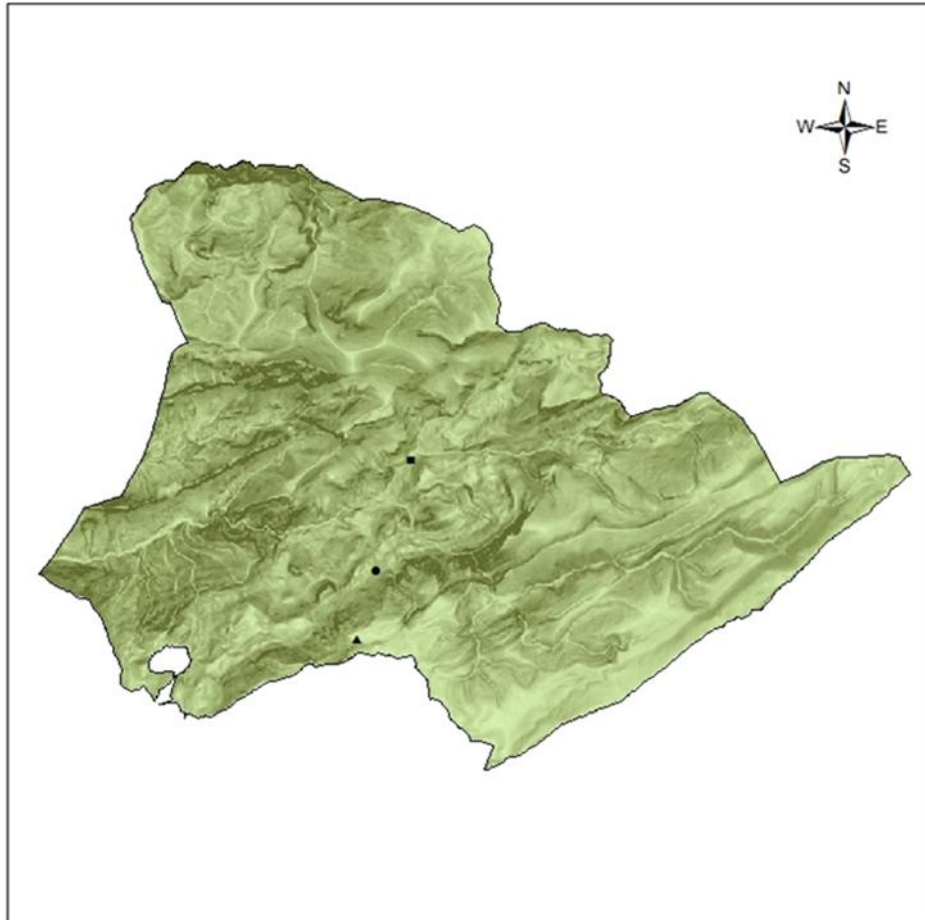
□ Vall d'Alinyà

**Altimetria (m)**  
**Value**  
High : 2378.74  
Low : 608

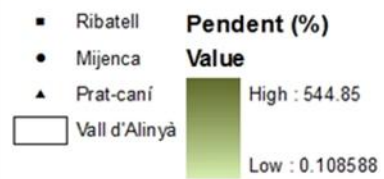
**Mapa 5. Mapa d'altimetria de la vall d'Alinyà.** Font: elaboració pròpia a partir del SIGPAC.



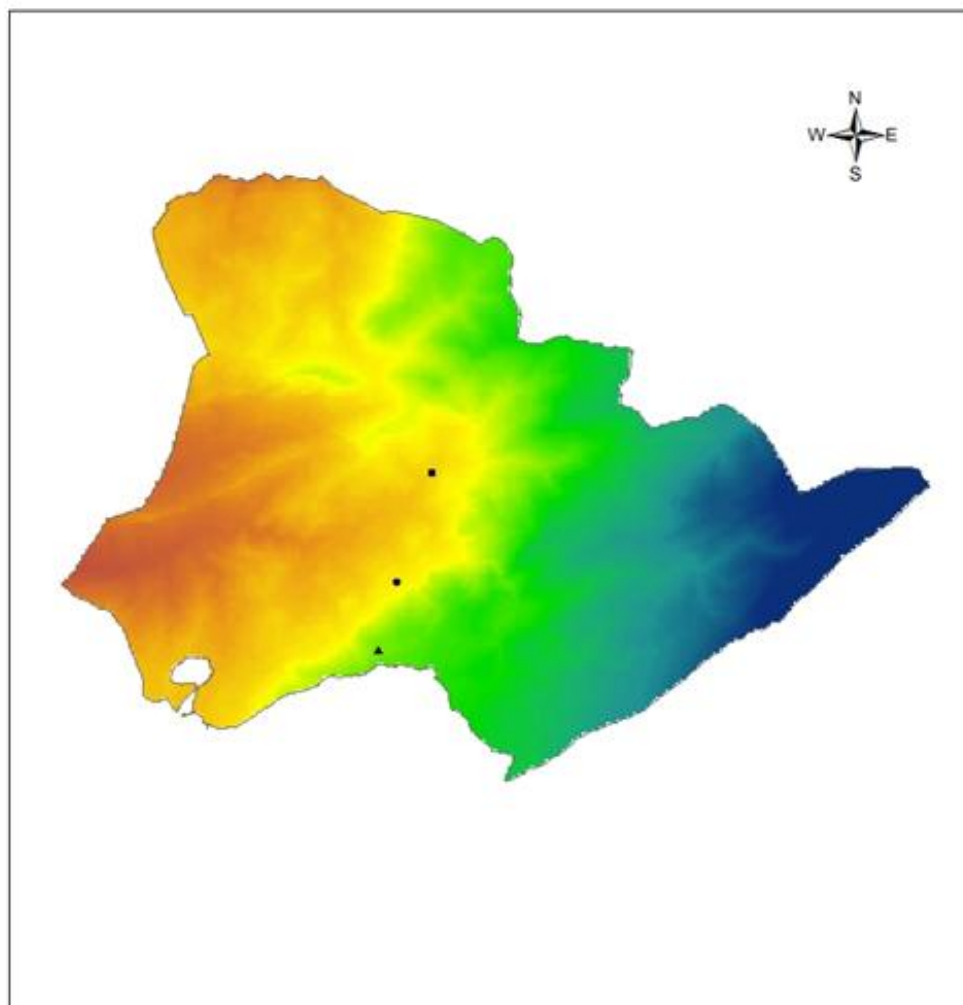
## Mapa de pendants de la vall d'Alinyà



### Llegenda

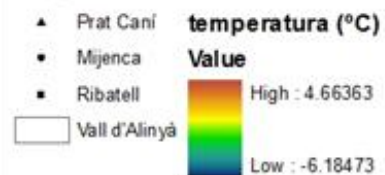


## Mapa de temp. mínima anual a la Vall d'Alinyà



1:80.000  
0 560 120 2.240 3.360 4.480  
Meters

### Llegenda



*Mapa 7. Mapa de temperatura mínima mitjana anual a la vall d'Alinyà. Font: Elaboració pròpia a partir de dades del Meteocat.*