

| Lokacija/location: Maribor |                                  |                                                                             |                                                  | Ozimna pšenica – Sortni poskus A - zgodnje sorte |                                               |                                     |                                                 |                                   |                                    |                                                                             |  Kmetijski inštitut Slovenije<br>Agricultural Institute of Slovenia |                                     |                       |                       |                       |                       |                       |
|----------------------------|----------------------------------|-----------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|-----------------------------------------------|-------------------------------------|-------------------------------------------------|-----------------------------------|------------------------------------|-----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Leto/year: 2024            |                                  |                                                                             |                                                  | Winter wheat – Variety trial A – early varieties |                                               |                                     |                                                 |                                   |                                    |                                                                             |                                                                                                                                                       |                                     |                       |                       |                       |                       |                       |
| Prejšnji posevek:          |                                  | koruza za zrnje                                                             |                                                  |                                                  |                                               |                                     |                                                 | Previous crop:                    |                                    | grain maize                                                                 |                                                                                                                                                       |                                     |                       |                       |                       |                       |                       |
| Gnojenje:                  |                                  | 160 kg/ha N (v 3 obrokih)                                                   |                                                  |                                                  |                                               |                                     |                                                 | Fertilization:                    |                                    | 160 kg/ha N (v 3 obrokih)                                                   |                                                                                                                                                       |                                     |                       |                       |                       |                       |                       |
| Škropljenje:               |                                  | Mustang 0,6 l/ha, Mirador Forte 1,5 l/ha, Delaro 1,5 l/ha, Decis 0,075 l/ha |                                                  |                                                  |                                               |                                     |                                                 | Spraying:                         |                                    | Mustang 0,6 l/ha, Mirador Forte 1,5 l/ha, Delaro 1,5 l/ha, Decis 0,075 l/ha |                                                                                                                                                       |                                     |                       |                       |                       |                       |                       |
| Gostota setve:             |                                  | medvrstna razdalja 12,5 cm, 400-750 kalivih zrn/m2                          |                                                  |                                                  |                                               |                                     |                                                 | Plant density:                    |                                    | interrow spacing 12.5 cm, 400-750 germinative seeds/m2                      |                                                                                                                                                       |                                     |                       |                       |                       |                       |                       |
|                            |                                  | Setev: 24.10.2023, vznik: 3.11.2023, žetev: 16.07.2024                      |                                                  |                                                  |                                               |                                     |                                                 |                                   |                                    | Sowing: 24.10.2023, emergence: 3.11.2023, harvesting: 16.07.2024            |                                                                                                                                                       |                                     |                       |                       |                       |                       |                       |
| Zasnova poskusa:           |                                  | naključni blok v 4 ponovitvah, osnovna parcela 7,5 m2                       |                                                  |                                                  |                                               |                                     |                                                 | Trial layout:                     |                                    | randomized block design in 4 repetitions, plot size 7,5 m2                  |                                                                                                                                                       |                                     |                       |                       |                       |                       |                       |
| SORTA/VARIETY              |                                  | RASTLINA/<br>PLANT                                                          |                                                  | ANALIZA/ANALYSIS                                 |                                               |                                     |                                                 |                                   | PRIDELEK/YIELD                     |                                                                             |                                                                                                                                                       | BOLEZEN/DISEASE                     |                       |                       |                       |                       |                       |
| Sorta<br>Variety           | Datum klasitve<br>Date of earing | Višina<br>Height                                                            | Poleg po klasitvi<br>Lodging from ear forming on | Hektolitrska masa<br>Test weight                 | Absolutna masa zrnja<br>Thousand seeds weight | Surove beljakovine<br>Crude protein | Sedimentacijska vrednost<br>Sedimentation value | Število padanja<br>Falling number | Kakovostni razred<br>Quality class | Vlaga zrnja<br>Grain moisture                                               | Zrnje s 14% vlago<br>Grain with 14% moisture                                                                                                          | Rodnostna skupina<br>Yield category | Erysiphe graminis     | Septoria nodorum      | Septoria tritici      | Puccinia graminis     | Fusarium spp.         |
|                            |                                  |                                                                             |                                                  |                                                  |                                               |                                     |                                                 |                                   |                                    |                                                                             |                                                                                                                                                       |                                     |                       |                       |                       |                       |                       |
|                            |                                  | cm                                                                          | 1-9<br>1=brez/with out                           | kg                                               | g                                             | %                                   | ml                                              | s                                 |                                    | %                                                                           | t/ha                                                                                                                                                  |                                     | 1-9<br>1=brez/without | 1-9<br>1=brez/without | 1-9<br>1=brez/without | 1-9<br>1=brez/without | 1-9<br>1=brez/without |
| OBIWAN                     | 4.5.                             | 87                                                                          | 6                                                | 74                                               | 44,6                                          | 9,4                                 | 23                                              | 350                               | *                                  | 10,9                                                                        | 7,68                                                                                                                                                  | I                                   | 1                     | 1                     | 4                     | 1                     | 1                     |
| OBALA                      | 4.5.                             | 91                                                                          | 1                                                | 73                                               | 40                                            | 9,5                                 | 26                                              | 266                               | *                                  | 10,9                                                                        | 6,93                                                                                                                                                  | I                                   | 1                     | 1                     | 3                     | 1                     | 1                     |
| BARBA                      | 5.5.                             | 86                                                                          | 1                                                | 74                                               | 49                                            | 10,5                                | 28                                              | 336                               | *                                  | 10,9                                                                        | 6,72                                                                                                                                                  | II/1                                | 1                     | 1                     | 3                     | 1                     | 1                     |
| INDIRA                     | 30.4.                            | 84                                                                          | 1                                                | 75                                               | 44                                            | 10,1                                | 32                                              | 345                               | *                                  | 10,9                                                                        | 6,48                                                                                                                                                  | II/1                                | 1                     | 1                     | 4                     | 1                     | 1                     |
| VULKAN                     | 30.4.                            | 90                                                                          | 1                                                | 76                                               | 38                                            | 9,9                                 | 23                                              | 266                               | *                                  | 11,3                                                                        | 6,27                                                                                                                                                  | II/2                                | 1                     | 1                     | 2                     | 1                     | 1                     |
| BEKRIJA                    | 6.5.                             | 81                                                                          | 1                                                | 76                                               | 38                                            | 10,2                                | 27                                              | 339                               | *                                  | 11,3                                                                        | 6,37                                                                                                                                                  | II/2                                | 1                     | 1                     | 4                     | 1                     | 1                     |
| FALADO                     | 1.5.                             | 88                                                                          | 1                                                | 75                                               | 49                                            | 9,7                                 | 30                                              | 341                               | *                                  | 11,2                                                                        | 6,49                                                                                                                                                  | II/1                                | 1                     | 1                     | 3                     | 1                     | 1                     |
| GABRIO                     | 6.5.                             | 92                                                                          | 1                                                | 74                                               | 44                                            | 9,8                                 | 27                                              | 310                               | *                                  | 10,7                                                                        | 6,48                                                                                                                                                  | II/1                                | 1                     | 1                     | 3                     | 1                     | 1                     |
| ZVEZDANA                   | 2.5.                             | 83                                                                          | 1                                                | 78                                               | 48                                            | 10,7                                | 30                                              | 333                               | *                                  | 11,5                                                                        | 6,20                                                                                                                                                  | II/2                                | 1                     | 1                     | 5                     | 1                     | 1                     |
| IZALCO                     | 1.5.                             | 92                                                                          | 1                                                | 79                                               | 40                                            | 11,8                                | 42                                              | 355                               | B2                                 | 11,4                                                                        | 6,05                                                                                                                                                  | II/2                                | 1                     | 1                     | 4                     | 1                     | 1                     |
| BEČARUŠA                   | 29.4.                            | 75                                                                          | 1                                                | 75                                               | 35                                            | 10,7                                | 31                                              | 345                               | *                                  | 10,4                                                                        | 6,11                                                                                                                                                  | II/2                                | 1                     | 1                     | 3                     | 1                     | 1                     |
| SIMONIDA                   | 4.5.                             | 86                                                                          | 1                                                | 77                                               | 47                                            | 10,6                                | 28                                              | 212                               | *                                  | 11,1                                                                        | 5,91                                                                                                                                                  | II/2                                | 1                     | 1                     | 4                     | 1                     | 1                     |
| GARAVUŠA                   | 2.5.                             | 85                                                                          | 1                                                | 76                                               | 44                                            | 11,3                                | 33                                              | 378                               | *                                  | 11,1                                                                        | 5,81                                                                                                                                                  | II/3                                | 1                     | 1                     | 3                     | 1                     | 1                     |
| BEČAR                      | 6.5.                             | 82                                                                          | 1                                                | 74                                               | 47                                            | 10,0                                | 28                                              | 298                               | *                                  | 10,9                                                                        | 5,42                                                                                                                                                  | III                                 | 1                     | 1                     | 3                     | 1                     | 1                     |
| BRKO                       | 2.5.                             | 81                                                                          | 1                                                | 76                                               | 40                                            | 10,3                                | 25                                              | 349                               | *                                  | 10,8                                                                        | 5,59                                                                                                                                                  | II/3                                | 1                     | 1                     | 2                     | 1                     | 1                     |
| KRALJICA                   | 5.5.                             | 83                                                                          | 2                                                | 76                                               | 43                                            | 10,7                                | 26                                              | 382                               | *                                  | 11,1                                                                        | 5,54                                                                                                                                                  | II/3                                | 1                     | 1                     | 4                     | 1                     | 1                     |
| GIORGIONE                  | 5.5.                             | 93                                                                          | 1                                                | 80                                               | 38                                            | 11,6                                | 41                                              | 353                               | B2                                 | 11,1                                                                        | 5,48                                                                                                                                                  | III                                 | 1                     | 1                     | 3                     | 1                     | 1                     |
| BOLOGNA                    | 3.5.                             | 81                                                                          | 1                                                | 79                                               | 34                                            | 11,1                                | 39                                              | 362                               | *                                  | 11,2                                                                        | 5,40                                                                                                                                                  | III                                 | 1                     | 1                     | 4                     | 1                     | 1                     |
| Povprečje/mean             |                                  |                                                                             |                                                  |                                                  |                                               |                                     |                                                 |                                   |                                    |                                                                             | 6,16                                                                                                                                                  |                                     |                       |                       |                       |                       |                       |
| LSD (0,05)                 |                                  |                                                                             |                                                  |                                                  |                                               |                                     |                                                 |                                   |                                    |                                                                             | 0,62                                                                                                                                                  |                                     |                       |                       |                       |                       |                       |

\* izven kakovostnega razreda/out of quality class