

| Lokacija/location: Rakičan |                                  |                                                                      | Ozimna pšenica – Sortni poskus A - zgodnje sorte |                                  |                                               |                                     |                                                 |                                   |                                    |  Kmetijski inštitut Slovenije |                                              |                                                                        |                       |                       |                       |                       |                       |
|----------------------------|----------------------------------|----------------------------------------------------------------------|--------------------------------------------------|----------------------------------|-----------------------------------------------|-------------------------------------|-------------------------------------------------|-----------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------|------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Leto/year: 2024            |                                  |                                                                      | Winter wheat – Variety trial A – early varieties |                                  |                                               |                                     |                                                 |                                   |                                    | Agricultural Institute of Slovenia                                                                              |                                              |                                                                        |                       |                       |                       |                       |                       |
| Prejšnji posevek:          |                                  | koruza za zrnje                                                      |                                                  |                                  |                                               |                                     |                                                 |                                   |                                    | Previous crop:                                                                                                  |                                              | grain maize                                                            |                       |                       |                       |                       |                       |
| Gnojenje:                  |                                  | 159kg/ha N (v 3 obrokih), 48 kg/ha P2O5, 96 kg/ha K2O                |                                                  |                                  |                                               |                                     |                                                 |                                   |                                    | Fertilization:                                                                                                  |                                              | 159 kg/ha N (in rations), 48 kg /ha P2O5, 96 kg /ha K2O                |                       |                       |                       |                       |                       |
| Škropljenje:               |                                  | Trinity 2l/ha,Verben 1l/ha, Elatus era 1 l/ha, Karate zeon 0,15 l/ha |                                                  |                                  |                                               |                                     |                                                 |                                   |                                    | Spraying:                                                                                                       |                                              | Trinity 2l/ha, Verben 1 l/ha, Elatus era 1 l/ha, Karate zeon 0,15 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: 23.10.2023, vznik: 30.10.2023, žetev: 8.07.2024               |                                                  |                                  |                                               |                                     |                                                 |                                   |                                    |                                                                                                                 |                                              | Sowing: 23.10.2023, emergence: 30.10.2023, harvesting: 8.7.2024        |                       |                       |                       |                       |                       |
| 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/without                            | 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                     | 2.5.                             | 101                                                                  | 1                                                | 76                               | 44                                            | 12,2                                | 32                                              | 361                               | B2                                 | 12,5                                                                                                            | 12,48                                        | I                                                                      | 1                     | 2                     | 3                     | 1                     | 1                     |
| GABRIO                     | 2.5.                             | 93                                                                   | 1                                                | 79                               | 46                                            | 11,0                                | 33                                              | 357                               | *                                  | 13,2                                                                                                            | 12,35                                        | I                                                                      | 2                     | 2                     | 3                     | 1                     | 1                     |
| BEČAR                      | 30.4.                            | 95                                                                   | 1                                                | 78                               | 50                                            | 12,5                                | 40                                              | 393                               | B1                                 | 13,5                                                                                                            | 11,45                                        | II/1                                                                   | 1                     | 2                     | 3                     | 1                     | 1                     |
| FALADO                     | 30.4.                            | 98                                                                   | 1                                                | 79                               | 49                                            | 11,5                                | 40                                              | 349                               | *                                  | 13,4                                                                                                            | 11,81                                        | I                                                                      | 1                     | 2                     | 2                     | 2                     | 1                     |
| BEKRIJA                    | 2.5.                             | 98                                                                   | 1                                                | 79                               | 41                                            | 12,7                                | 43                                              | 395                               | B1                                 | 13,7                                                                                                            | 11,25                                        | II/1                                                                   | 1                     | 1                     | 3                     | 1                     | 1                     |
| INDIRA                     | 1.5.                             | 94                                                                   | 3                                                | 77                               | 43                                            | 13,7                                | 46                                              | 311                               | B1                                 | 13,7                                                                                                            | 10,84                                        | II/2                                                                   | 1                     | 2                     | 3                     | 1                     | 2                     |
| BEČARUŠA                   | 1.5.                             | 83                                                                   | 1                                                | 78                               | 40                                            | 13,2                                | 43                                              | 381                               | B1                                 | 12,7                                                                                                            | 11,02                                        | II/2                                                                   | 1                     | 2                     | 4                     | 1                     | 1                     |
| IZALCO                     | 2.5.                             | 114                                                                  | 2                                                | 82                               | 40                                            | 13,8                                | 54                                              | 388                               | B1                                 | 12,8                                                                                                            | 10,23                                        | II/2                                                                   | 1                     | 2                     | 2                     | 1                     | 1                     |
| OBALA                      | 3.5.                             | 112                                                                  | 3                                                | 74                               | 43                                            | 11,8                                | 31                                              | 273                               | B2                                 | 13,2                                                                                                            | 10,63                                        | II/2                                                                   | 2                     | 2                     | 2                     | 1                     | 2                     |
| BRKO                       | 1.5.                             | 88                                                                   | 1                                                | 79                               | 38                                            | 13,2                                | 42                                              | 350                               | B1                                 | 13,3                                                                                                            | 10,47                                        | II/2                                                                   | 1                     | 2                     | 3                     | 1                     | 2                     |
| KRALJICA                   | 2.5.                             | 91                                                                   | 2                                                | 79                               | 45                                            | 13,9                                | 42                                              | 404                               | B1                                 | 13,7                                                                                                            | 9,83                                         | II/2                                                                   | 1                     | 2                     | 3                     | 1                     | 1                     |
| ZVEZDANA                   | 30.4.                            | 98                                                                   | 2                                                | 80                               | 51                                            | 13,4                                | 41                                              | 315                               | B1                                 | 13,1                                                                                                            | 9,73                                         | II/2                                                                   | 3                     | 2                     | 2                     | 1                     | 2                     |
| VULKAN                     | 1.5.                             | 111                                                                  | 4                                                | 78                               | 37                                            | 13,3                                | 39                                              | 317                               | B1                                 | 13,9                                                                                                            | 9,49                                         | II/3                                                                   | 2                     | 3                     | 2                     | 1                     | 2                     |
| BOLOGNA                    | 2. 5.                            | 92                                                                   | 1                                                | 82                               | 36                                            | 12,6                                | 51                                              | 369                               | B1                                 | 13,8                                                                                                            | 9,59                                         | II/3                                                                   | 1                     | 2                     | 2                     | 2                     | 1                     |
| GARAVUŠA                   | 1.5.                             | 99                                                                   | 2                                                | 78                               | 40                                            | 14,6                                | 59                                              | 401                               | A                                  | 13,6                                                                                                            | 9,59                                         | II/3                                                                   | 1                     | 2                     | 3                     | 1                     | 1                     |
| SIMONIDA                   | 2.5.                             | 109                                                                  | 6                                                | 78                               | 44                                            | 12,8                                | 37                                              | 170                               | *                                  | 13,4                                                                                                            | 8,87                                         | III                                                                    | 2                     | 2                     | 2                     | 1                     | 2                     |
| GIORGIONE                  | 1.5.                             | 95                                                                   | 2                                                | 83                               | 39                                            | 12,8                                | 53                                              | 374                               | B1                                 | 13,6                                                                                                            | 9,13                                         | II/3                                                                   | 1                     | 2                     | 3                     | 1                     | 2                     |
| BARBA                      | 2.5.                             | 97                                                                   | 2                                                | 77                               | 46                                            | 12,7                                | 36                                              | 358                               | B1                                 | 13,6                                                                                                            | 7,81                                         | III                                                                    | 2                     | 1                     | 2                     | 1                     | 1                     |
| Povprečje/mean             |                                  |                                                                      |                                                  |                                  |                                               |                                     |                                                 |                                   |                                    |                                                                                                                 | 10,36                                        |                                                                        |                       |                       |                       |                       |                       |
| LSD (0,05)                 |                                  |                                                                      |                                                  |                                  |                                               |                                     |                                                 |                                   |                                    |                                                                                                                 | 1,35                                         |                                                                        |                       |                       |                       |                       |                       |

\* izven kakovostnega razreda/out of quality class