

Lokacija/location: Rakičan

Leto/year: 2023

Ozimni ječmen – sortni poskus - dvovrstni

Winter barley– varieties trial - Two-Row

Prejšnji posevek: koruza za zrnje

Previous crop:

grain maize

Gnojenje: 186 kg/ha N (v 4 obrokih), 48 kg/ha P2O5, 96 kg/ha K2O

Fertilization:

186 kg/ha N (in 4 rations), 48 kg /ha P2O5, 96 kg /ha K2O,

Škropljenje: Bizon 1l/ha, Verben 1 l/ha, Caramba 0,8 l/ha in Prosaro 0,8 l/ha, Decis 2,5 EC 0,3 l/ha

Spraying:

Bizon 1l/ha, Verben 1 l/ha, Caramba 0,8 l/ha in Prosaro 0,8 l/ha, Decis 2,5 EC 0,3 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: 27.10.2022, vznik: 4.11.2022, žetev: 10.07.2023

Trial layout:

Sowing: 27.10.2022, emergence: 4.11.2022, harvesting: 10.07.2023

Zasnova poskusa: naključni blok v 4 ponovitvah, osnovna parcela 7,5 m2

randomized block design in 4 repetitions, plot size 7,5 m2

| SORTA/VARIETY | | RASTLINA/ PLANT | | ANALIZA/ANALYSIS | | | PRIDELEK/YIELD | | | BOLEZEN/DISEASE | | | | | |
|------------------|----------------------------------|--------------------|---|----------------------------------|---|-------------------------------------|-------------------------------|--|-------------------------------------|-----------------------|------------------------|------------------------------|-----------------------|-----------------------|-----------------------|
| Sorta Variety | Datum klasitve Date of earing | Višina Height | Poleg po klasitvi Lodging from ear forming on | Hektolitrska masa Test weight | Absolutna masa zrnja Thousand seeds weight | Surove beljakovine Crude protein | Vlaga zrnja Grain moisture | Zrnje s 14% vlago Grain with 14% moisture | Rodnostna skupina Yield category | Ramularia collo-cygni | Rhynchosporium secalis | Helminthosporium graminea | Pyrenophora teres | Puccinia graminis | Ustilago nuda |
| | | | | | | | | | | | | | | | |
| | | cm | | kg | g | % | % | t/ha | | 1-9 1=brez/without | 1-9 1=brez/without | 1-9 1=brez/without | 1-9 1=brez/without | 1-9 1=brez/without | 1-9 1=brez/without |
| SU LAUBELA | 5.5. | 103 | | 60 | 47 | 11,8 | 13,4 | 8,40 | II/1 | 6 | 1 | 1 | 1 | 1 | 1 |
| KUM | 3.5. | 97 | 5 | 68 | 42 | 12,0 | 11,8 | 8,14 | II/1 | 8 | 1 | 2 | 3 | 1 | 1 |
| ARTHENE | 9.5. | 100 | 4 | 65 | 52 | 13,7 | 12,5 | 8,09 | II/1 | 7 | 1 | 1 | 1 | 1 | 1 |
| KRALJ | 2.5. | 97 | 4 | 68 | 40 | 12,6 | 11,8 | 7,94 | II/2 | 8 | 1 | 1 | 3 | 1 | 1 |
| BIANCA | 7.5. | 105 | 3 | 66 | 57 | 13,9 | 11,8 | 7,92 | II/2 | 6 | 1 | 1 | 2 | 1 | 1 |
| LENTIA | 5.5. | 104 | 6 | 64 | 48 | 12,9 | 14,1 | 7,91 | II/2 | 7 | 1 | 2 | 3 | 1 | 1 |
| MEMENTO | 9.5. | 100 | 8 | 66 | 46 | 14,3 | 11,3 | 7,86 | II/2 | 8 | 1 | 1 | 2 | 1 | 1 |
| BORDEAUX | 6.5. | 102 | 7 | 63 | 44 | 11,0 | 12,2 | 7,82 | II/2 | 7 | 1 | 1 | 2 | 1 | 1 |
| MAESTRO | 1.5. | 95 | 9 | 65 | 38 | 11,5 | 12,0 | 7,76 | II/2 | 8 | 1 | 1 | 2 | 1 | 1 |
| CONCORDIA | 5.5. | 96 | 8 | 64 | 45 | 10,9 | 12,3 | 7,66 | II/2 | 6 | 1 | 1 | 2 | 1 | 1 |
| HANNELORE | 6.5. | 102 | 4 | 67 | 49 | 14,2 | 12,1 | 7,60 | II/2 | 8 | 1 | 1 | 3 | 1 | 1 |
| AGNETA | 7.5. | 102 | 5 | 64 | 49 | 12,6 | 12,0 | 7,50 | II/2 | 6 | 1 | 1 | 2 | 1 | 1 |
| SANDRA | 7.5. | 97 | 6 | 65 | 46 | 14,4 | 12,3 | 7,46 | II/2 | 8 | 1 | 1 | 3 | 1 | 1 |
| PREDATOR | 1.5. | 93 | 5 | 68 | 43 | 11,7 | 12,0 | 7,42 | II/2 | 7 | 1 | 1 | 2 | 1 | 1 |
| ORCADE | 11.5. | 106 | 6 | 64 | 56 | 13,1 | 12,6 | 7,39 | II/2 | 6 | 1 | 1 | 3 | 1 | 1 |
| BILBAO | 7.5. | 99 | 7 | 63 | 48 | 10,7 | 12,2 | 7,21 | II/2 | 8 | 1 | 1 | 2 | 1 | 1 |
| PONOS | 4.5. | 88 | 8 | 65 | 41 | 11,5 | 12,1 | 7,16 | II/2 | 6 | 1 | 1 | 2 | 1 | 1 |
| PLETER | 21.4. | 93 | 5 | 67 | 44 | 12,8 | 12,5 | 7,13 | II/2 | 8 | 1 | 1 | 3 | 1 | 1 |
| AMAZON | 30.4. | 89 | 5 | 66 | 43 | 13,2 | 13,1 | 7,12 | II/2 | 8 | 1 | 2 | 3 | 1 | 1 |
| TERRAVISTA | 5.5. | 97 | 8 | 65 | 44 | 13,0 | 11,7 | 6,97 | II/2 | 8 | 1 | 1 | 2 | 1 | 1 |
| TRISTAN | 15.5. | 102 | 2 | 67 | 55 | 11,2 | 12,4 | 6,80 | II/3 | 6 | 1 | 1 | 3 | 1 | 1 |
| GK JUDY | 10.5. | 99 | 3 | 66 | 49 | 15,6 | 12,0 | 6,70 | II/3 | 8 | 1 | 1 | 4 | 1 | 1 |
| SONJA | 4.5. | 100 | 7 | 63 | 41 | 13,2 | 12,6 | 6,68 | II/3 | 8 | 1 | 1 | 4 | 1 | 1 |
| APOLDA | 2. 5. | 86 | 9 | 63 | 50 | 12,5 | 11,8 | 5,57 | III | 8 | 1 | 1 | 2 | 1 | 1 |
| Povprečje/mean | | | | | | | | 7,45 | | | | | | | |
| LSD (0,05) | | | | | | | | 1,01 | | | | | | | |