**Rezultati mikroogleda šećerne repe kompanije KWS**

**u 2021. godini**

**Lokalitet: Ogledno polje PSS Sombor - Gakovo**

I rok vađenja

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Red.  br. | Sorta | Prinos t/ha | Broj repa 000 | Digestija (%) | Na (mmol / 100g repe) | K (mmol / 100g repe) | a - N (mmol / 100g repe) | Prinos biološkog šećera t/ha | Rang |
| 1 | Borjana KWS | 88,03 | 93 | 16,32 | 0,98 | 2,79 | 1,98 | 14,37 | 7 |
| 2 | Eduarda KWS | 83,25 | 97 | 16,02 | 1,07 | 3,56 | 2,93 | 13,34 | 13 |
| 3 | Lamberta KWS | 92,04 | 97 | 16,66 | 1,25 | 3,09 | 2,62 | 15,33 | 1 |
| 4 | Gregoria KWS | 87,00 | 92 | 16,56 | 1,18 | 3,28 | 2,12 | 14,40 | 6 |
| 5 | Bruna KWS | 76,65 | 82 | 17,41 | 0,64 | 3,03 | 1,65 | 13,35 | 12 |
| 6 | Smart Briga KWS | 75,21 | 99 | 17,05 | 0,66 | 2,99 | 2,68 | 12,82 | 14 |
| 7 | Benvenuta KWS | 89,85 | 95 | 16,04 | 1,74 | 3,32 | 1,69 | 14,41 | 5 |
| 8 | Rebecca KWS | 82,17 | 92 | 17,81 | 0,64 | 2,85 | 1,59 | 14,63 | 3 |
| 9 | Viola KWS | 88,23 | 97 | 16,91 | 0,94 | 3,29 | 1,77 | 14,92 | 2 |
| 10 | Fiametta KWS | 84,92 | 98 | 17,00 | 0,72 | 3,28 | 2,02 | 14,43 | 4 |
| 11 | Gilberta KWS | 84,23 | 96 | 16,77 | 0,70 | 2,86 | 1,60 | 14,12 | 9 |
| 12 | Smart Djerba KWS | 84,06 | 93 | 16,25 | 0,98 | 3,20 | 2,87 | 13,66 | 11 |
| 13 | Smart Rosada KWS | 86,77 | 91 | 15,96 | 1,01 | 3,01 | 2,71 | 13,85 | 10 |
| **Prosek** | | **84,80** | **94** | **16,67** | **0,96** | **3,12** | **2,17** | **14,13** |  |

II rok vađenja

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Red.  br. | Sorta | Prinos t/ha | Broj repa 000 | Digestija (%) | Na (mmol / 100g repe) | K (mmol / 100g repe) | a - N (mmol / 100g repe) | Prinos biološkog šećera t/ha | Rang |
| 1 | Borjana KWS | 92,50 | 92 | 17,18 | 0,67 | 1,93 | 2,72 | 15,90 | 4 |
| 2 | Eduarda KWS | 86,27 | 89 | 17,42 | 0,68 | 1,75 | 3,06 | 15,03 | 9 |
| 3 | Lamberta KWS | 94,16 | 96 | 17,23 | 0,86 | 1,79 | 2,67 | 16,23 | 1 |
| 4 | Gregoria KWS | 90,44 | 90 | 16,94 | 0,87 | 1,92 | 2,81 | 15,32 | 7 |
| 5 | Bruna KWS | 81,39 | 85 | 17,70 | 0,55 | 1,74 | 2,64 | 14,40 | 12 |
| 6 | Smart Briga KWS | 85,46 | 83 | 17,35 | 0,88 | 1,50 | 3,08 | 14,82 | 11 |
| 7 | Benvenuta KWS | 96,08 | 97 | 17,02 | 0,98 | 2,01 | 2,67 | 16,36 | 2 |
| 8 | Rebecca KWS | 91,76 | 91 | 17,16 | 0,78 | 2,21 | 2,83 | 15,74 | 5 |
| 9 | Viola KWS | 87,66 | 82 | 17,14 | 0,62 | 1,80 | 2,73 | 15,02 | 8 |
| 10 | Fiametta KWS | 93,19 | 90 | 17,45 | 1,16 | 2,27 | 2,63 | 16,26 | 3 |
| 11 | Gilberta KWS | 73,03 | 87 | 17,45 | 0,60 | 1,56 | 2,65 | 12,75 | 13 |
| 12 | Smart Djerba KWS | 84,13 | 85 | 17,02 | 0,52 | 1,51 | 2,70 | 14,32 | 6 |
| 13 | Smart Rosada KWS | 85,92 | 82 | 17,29 | 0,77 | 1,41 | 2,67 | 14,86 | 10 |
| **Prosek** | | **87,85** | **88** | **17,26** | **0,77** | **1,80** | **2,76** | **15,15** |  |

**Rezultati mikroogleda šećerne repe kompanije Strube**

**u 2021. godini**

**Lokalitet: Ogledno polje PSS Sombor - Gakovo**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Red.  br. | Sorta | Prinos t/ha | Broj repa 000 | Digestija (%) | Na (mmol / 100g repe) | K (mmol / 100g repe) | a - N (mmol / 100g repe) | Prinos biološkog šećera t/ha | Rang |
| 1 | Tibor | 97,6 | 108 | 18,35 | 2,94 | 0,22 | 1,86 | 17,91 | 3 |
| 2 | Tesla | 100,5 | 102 | 18,24 | 3,14 | 0,23 | 2,1 | 18,33 | 2 |
| 3 | Zapata | 103,7 | 105 | 16,11 | 2,99 | 0,49 | 2,14 | 16,7 | 12 |
| 4 | Comenius | 111,0 | 88 | 16,08 | 2,98 | 0,44 | 2,15 | 17,84 | 5 |
| 5 | Goran | 101,6 | 113 | 17,52 | 3,39 | 0,21 | 3,17 | 17,8 | 6 |
| 6 | Nansen | 108,3 | 97 | 16,29 | 3,06 | 0,22 | 1,86 | 17,64 | 7 |
| 7 | Ninko | 103,1 | 105 | 16,75 | 3,53 | 0,47 | 2,1 | 17,26 | 10 |
| 8 | Ranko | 93,8 | 105 | 17,17 | 3,18 | 0,37 | 1,56 | 16,1 | 14 |
| 9 | Kamenko | 110,2 | 88 | 17,03 | 3,64 | 0,39 | 2,16 | 18,77 | 1 |
| 10 | Noel | 99,8 | 95 | 17,34 | 2,9 | 0,45 | 2,63 | 17,3 | 9 |
| 11 | Vucko | 100,6 | 98 | 16,15 | 3,27 | 0,36 | 2,09 | 16,24 | 13 |
| 12 | Berko | 104,6 | 90 | 16,4 | 3,46 | 0,26 | 2,34 | 17,15 | 11 |
| 13 | MAURUS | 109,3 | 96 | 16,35 | 2,89 | 0,25 | 1,53 | 17,87 | 4 |
| 14 | OWYN | 101,3 | 102 | 17,24 | 2,98 | 0,22 | 2,73 | 17,46 | 8 |
| 15 | ZAKARIAS | 94,6 | 82 | 16,44 | 3,51 | 0,39 | 2,17 | 15,55 | 15 |
| **Prosek** | | **102,7** | **98,0** | **16,9** | **3,2** | **0,3** | **2,2** | **17,3** |  |

**Rezultati mikroogleda šećerne repe kompanije Sesvanderhave**

**u 2021. godini**

**Lokalitet: Ogledno polje PSS Sombor - Gakovo**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Red.  br. | Sorta | Prinos t/ha | Broj repa 000 | Digestija (%) | Na (mmol / 100g repe) | K (mmol / 100g repe) | a - N (mmol / 100g repe) | Prinos biološkog šećera t/ha | Rang |
| 1 | Broneo | 85,33 | 103 | 16,93 | 0,45 | 3,04 | 2,02 | 14,49 | 3 |
| 2 | Hornbill | 82,48 | 97 | 17,05 | 0,45 | 3,36 | 1,68 | 14,09 | 6 |
| 3 | Comanche | 85,15 | 105 | 16,96 | 0,40 | 3,34 | 1,86 | 14,43 | 4 |
| 4 | Vertigo | 70,50 | 91 | 16,34 | 0,54 | 2,88 | 2,05 | 11,74 | 9 |
| 5 | Panda | 83,96 | 101 | 16,12 | 0,50 | 2,97 | 2,36 | 13,59 | 5 |
| 6 | Manitou | 75,42 | 98 | 16,79 | 0,62 | 2,94 | 2,45 | 12,77 | 8 |
| 7 | Huurricane | 76,92 | 94 | 16,95 | 0,53 | 2,89 | 1,91 | 13,09 | 7 |
| 8 | Ouragan | 93,55 | 99 | 16,63 | 0,41 | 3,51 | 1,53 | 15,56 | 1 |
| 9 | Spiner smart ALS | 87,17 | 108 | 16,40 | 0,69 | 3,77 | 2,94 | 14,32 | 2 |
| **Prosek** | | **82,27** | **100** | **16,69** | **0,51** | **3,19** | **2,09** | **13,79** |  |

**Rezultati mikroogleda šećerne repe sa različitim gustinama setve Fabrike šećera Crvenka u 2021. godini**

**Lokalitet: Ogledno polje PSS Sombor - Gakovo**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Red  br. | Sorta | Razmak setve u cm | Prinos t/ha | Broj repa 000 | Digestija % | K | Na | alfa-N | Prinos biološkog šećera t/ha | Rang |
| [mmol/100g/repe] | | |
| 1 | Tibor | 15 cm | 91,30 | 104 | 17,12 | 0,74 | 3,46 | 3,99 | 15,63 | 9 |
| 2 | Tibor | 18 cm | 96,83 | 102 | 16,94 | 0,75 | 3,03 | 3,01 | 16,40 | 1 |
| 3 | Tibor | 21 cm | 84,89 | 85 | 17,50 | 0,93 | 2,81 | 3,05 | 14,86 | 20 |
| 4 | Tesla | 15 cm | 76,89 | 110 | 18,87 | 0,57 | 2,86 | 2,67 | 14,51 | 26 |
| 5 | Tesla | 18 cm | 88,72 | 95 | 18,22 | 0,80 | 3,17 | 3,61 | 16,16 | 3 |
| 6 | Tesla | 21 cm | 76,49 | 71 | 16,37 | 1,17 | 2,51 | 3,12 | 12,52 | 42 |
| 7 | Nansen | 15 cm | 83,46 | 98 | 16,87 | 3,79 | 0,70 | 3,06 | 14,08 | 32 |
| 8 | Nansen | 18 cm | 90,39 | 95 | 17,47 | 1,58 | 3,40 | 3,20 | 15,79 | 6 |
| 9 | Nansen | 21 cm | 80,31 | 76 | 16,94 | 1,34 | 4,07 | 4,03 | 13,60 | 37 |
| 10 | Hornbill | 15 cm | 86,41 | 103 | 17,88 | 1,04 | 3,06 | 3,38 | 15,45 | 14 |
| 11 | Hornbill | 18 cm | 77,80 | 93 | 17,83 | 1,61 | 3,08 | 3,52 | 13,87 | 36 |
| 12 | Hornbill | 21 cm | 85,42 | 81 | 17,56 | 0,83 | 2,90 | 3,82 | 15,00 | 17 |
| 13 | Eldorado | 15 cm | 83,02 | 109 | 17,44 | 1,32 | 3,06 | 2,94 | 14,48 | 27 |
| 14 | Eldorado | 18 cm | 90,15 | 95 | 17,27 | 0,99 | 2,81 | 3,07 | 15,57 | 11 |
| 15 | Eldorado | 21 cm | 78,52 | 80 | 17,69 | 1,41 | 3,35 | 3,54 | 13,89 | 35 |
| 16 | Koala | 15 cm | 89,97 | 104 | 14,56 | 0,15 | 1,36 | 2,05 | 13,10 | 38 |
| 17 | Koala | 18 cm | 87,96 | 89 | 17,84 | 0,81 | 3,20 | 3,79 | 15,69 | 7 |
| 18 | Koala | 21 cm | 72,49 | 79 | 17,82 | 0,84 | 3,03 | 3,67 | 12,92 | 39 |
| 19 | Eduarda | 15 cm | 78,85 | 98 | 17,76 | 1,11 | 3,43 | 4,96 | 14,00 | 34 |
| 20 | Eduarda | 18 cm | 91,62 | 102 | 17,56 | 0,95 | 3,05 | 3,79 | 16,09 | 4 |
| 21 | Eduarda | 21 cm | 83,08 | 74 | 17,97 | 0,52 | 3,31 | 2,58 | 14,93 | 18 |
| 22 | Gregoria | 15 cm | 87,77 | 105 | 17,85 | 0,74 | 2,96 | 2,91 | 15,67 | 8 |
| 23 | Gregoria | 18 cm | 80,14 | 95 | 17,97 | 1,13 | 3,09 | 3,11 | 14,40 | 29 |
| 24 | Gregoria | 21 cm | 84,80 | 77 | 17,21 | 1,44 | 3,27 | 4,10 | 14,59 | 25 |
| 25 | Bertholda | 15 cm | 91,71 | 114 | 16,94 | 1,59 | 2,45 | 3,43 | 15,53 | 12 |
| 26 | Bertholda | 18 cm | 92,07 | 97 | 17,34 | 1,51 | 2,94 | 3,30 | 15,97 | 5 |
| 27 | Bertholda | 21 cm | 85,57 | 77 | 17,29 | 0,94 | 3,14 | 2,47 | 14,80 | 21 |
| 28 | MH-2039 | 15 cm | 90,62 | 101 | 16,24 | 1,29 | 2,99 | 4,06 | 14,72 | 22 |
| 29 | MH-2039 | 18 cm | 82,93 | 86 | 17,66 | 0,88 | 2,99 | 2,10 | 14,65 | 24 |
| 30 | MH-2039 | 21 cm | 83,59 | 80 | 16,91 | 1,46 | 3,10 | 3,10 | 14,13 | 31 |
| 31 | Heston | 15 cm | 83,34 | 105 | 17,33 | 2,48 | 3,15 | 4,24 | 14,44 | 28 |
| 32 | Heston | 18 cm | 81,55 | 97 | 18 | 1,03 | 3,13 | 2,24 | 14,68 | 23 |
| 33 | Heston | 21 cm | 88,29 | 76 | 17,56 | 1,78 | 2,90 | 3,59 | 15,50 | 13 |
| 34 | Heston (bez insekticida) | 15 cm | 87,90 | 101 | 16,93 | 2,38 | 3,23 | 3,39 | 14,88 | 19 |
| 35 | Heston (bez insekticida) | 18 cm | 86,73 | 88 | 17,99 | 1,58 | 3,56 | 2,57 | 15,60 | 10 |
| 36 | Heston (bez insekticida) | 21 cm | 81,43 | 74 | 17,42 | 0,95 | 3,34 | 3,03 | 14,19 | 30 |
| 37 | Barelli | 15 cm | 77,86 | 108 | 16,23 | 1,28 | 2,04 | 1,92 | 12,64 | 41 |
| 38 | Barelli | 18 cm | 77,15 | 89 | 18,15 | 0,64 | 2,72 | 2,38 | 14,00 | 33 |
| 39 | Barelli | 21 cm | 70,83 | 75 | 18,02 | 1,23 | 2,73 | 2,87 | 12,76 | 40 |
| 40 | MH-2232 | 15 cm | 94,45 | 104 | 16,16 | 1,82 | 2,90 | 4,21 | 15,26 | 15 |
| 41 | MH-2232 | 18 cm | 95,93 | 89 | 16,93 | 1,45 | 3,04 | 3,59 | 16,24 | 2 |
| 42 | MH-2232 | 21 cm | 92,10 | 79 | 16,50 | 2,02 | 2,84 | 2,95 | 15,20 | 16 |
| **prosek** | |  | **85,03** | **92** | **17,34** | **1,26** | **2,96** | **3,25** | **14,72** |  |

**Rezultati mikroogleda šećerne repe od uzorkovanog semena Fabrike šećera Crvenka u 2021. godini**

**Lokalitet: Ogledno polje PSS Sombor - Gakovo**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Red  br. | Dobavljač | Sorta | Partija | Prinos t/ha | Broj repa 000 | Digestija % | K | Na | alfa N | Prinos biološkog šećera t/ha | Rang |
| [mmol/100g/repe] | | |
| 1 | Maribo seed | HESTON | DNK 21 UB 334 | 90,23 | 105 | 17,17 | 2,99 | 1,44 | 2,09 | 15,49 | 13 |
| 2 | Maribo seed | HESTON | DNK 20 UB 295 | 91,58 | 98 | 16,58 | 3,19 | 1,43 | 2,27 | 15,18 | 14 |
| 3 | Maribo seed | BARELI | DNK 21 UB 333 | 79,65 | 91 | 16,97 | 2,79 | 0,52 | 2,06 | 13,52 | 21 |
| 4 | Maribo seed | TAIFUN | DNK 21 UB 306 | 72,91 | 80 | 17,03 | 2,98 | 1,79 | 2,88 | 12,42 | 23 |
| 5 | Maribo seed | SIXTUS | DNK 21 UB 305 | 78,27 | 79 | 16,47 | 2,65 | 1,27 | 2,42 | 12,89 | 22 |
| 6 | KWS | TERRANOVA EPD | F1551A900053 | 97,43 | 102 | 16,77 | 2,65 | 0,74 | 3,15 | 16,33 | 3 |
| 7 | KWS | TERRANOVA EPD | DEO30-3415086-02 | 87,03 | 96 | 17,09 | 2,65 | 0,58 | 2,51 | 14,87 | 16 |
| 8 | KWS | BRUNA(EPD)-Nt | F1551A900067 | 90,20 | 103 | 17,28 | 2,67 | 0,61 | 2,04 | 15,59 | 9 |
| 9 | KWS | GILBERTA | DEO30-3415093-02 | 94,43 | 103 | 16,45 | 2,73 | 1,02 | 2,87 | 15,53 | 11 |
| 10 | KWS | GILBERTA | F1551A900120 | 97,59 | 97 | 16,17 | 3,02 | 0,89 | 3,14 | 15,78 | 8 |
| 11 | KWS | BERTHOLDA | F1551A900119 | 98,46 | 98 | 15,80 | 3,16 | 1,45 | 2,96 | 15,55 | 10 |
| 12 | KWS | GREGORIA | F1551A900052 | 92,92 | 105 | 16,27 | 2,80 | 1,43 | 2,46 | 15,11 | 15 |
| 13 | KWS | EDUARDA EPD | F1551A900117 | 85,68 | 101 | 16,99 | 2,98 | 1,30 | 2,98 | 14,55 | 17 |
| 14 | SeSVDH | ELDORADO | ELD21-60389 | 84,69 | 96 | 16,65 | 2,63 | 0,86 | 2,27 | 14,10 | 18 |
| 15 | SeSVDH | HORNBILL | HLB21-60312 | 94,77 | 103 | 17,23 | 2,98 | 1,17 | 2,96 | 16,32 | 4 |
| 16 | SeSVDH | SIOUX | SIO21-60259SBVFM | 90,94 | 95 | 17,66 | 3,35 | 1,22 | 2,78 | 16,05 | 5 |
| 17 | SeSVDH | KOALA | KOA21-60257 | 79,67 | 92 | 17,41 | 3,26 | 1,21 | 2,64 | 13,87 | 20 |
| 18 | Strube | TIBOR | 29957 | 97,40 | 93 | 18,05 | 3,27 | 1,37 | 2,11 | 17,58 | 1 |
| 19 | Strube | TESLA | DEO06-20200120 | 89,82 | 108 | 17,26 | 3,15 | 1,53 | 2,05 | 15,50 | 12 |
| 20 | Strube | TESLA | 30115 | 82,01 | 90 | 17,08 | 3,21 | 1,35 | 2,49 | 14,00 | 19 |
| 21 | Strube | NANSEN | DEO06-2020-0121 | 96,95 | 105 | 16,45 | 3,05 | 0,79 | 2,55 | 15,95 | 7 |
| 22 | Strube | COMENIUS | 29766 | 94,49 | 83 | 16,94 | 3,19 | 1,27 | 2,52 | 16,01 | 6 |
| 23 | Strube | ZAPATA | 29758 | 97,94 | 94 | 17,25 | 3,14 | 0,83 | 2,64 | 16,89 | 2 |
| **Prosek ogleda** | | |  | **89,78** | **96** | **16,91** | **2,98** | **1,13** | **2,56** | **15,18** |  |

**Rezultati ogleda sa primenom folijarnog đubriva  kompanije “Aleox Agro“u šećernoj repi u 2021. godini**

**Lokalitet: Ogledno polje PSS Sombor - Gakovo**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sorta Tibor | Prinos  t/ha | Broj biljaka 000 | D[0S] | K | Na | alfa-N | Prinos šećera t/ha |
| mmol/100 repe | | |
| Aleox | 89.64 | 93 | 16.45 | 3.48 | 1.05 | 1.66 | 14.75 |
| Aleox green | 92.68 | 97 | 16.56 | 4.01 | 0.47 | 2.9 | 15.35 |
| Kontrola | 87.15 | 96 | 16.48 | 3.89 | 0.38 | 2.21 | 14.36 |

**Rezultati ogleda sa primenom folijarnog đubriva  kompanije “Biofor“u šećernoj repi u 2020. godini**

**Lokalitet: Ogledno polje PSS Sombor – Gakovo**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sorta Tibor | Prinos t/ha | Broj biljaka 000 | D[0S] | K | Na | alfa-N | Prinos šećera t/ha |
| mmol/100 repe | | |
| Biofor | 87.67 | 91 | 16.78 | 3.41 | 1.55 | 2.05 | 14.71 |
| Kontrola | 84.14 | 101 | 17.31 | 3.71 | 0.53 | 1.58 | 14.56 |

**Rezultati ogleda sa primenom startnog mikrogranulisanog djubriva kompanije “Elixir Zorka“u šećernoj repi u 2021. godini**

**Lokalitet: Ogledno polje PSS Sombor – Gakovo**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sorta Tibor | Prinos t/ha | Broj biljaka 000 | D[0S] | K | Na | alfa-N | Prinos šećera t/ha |
| mmol/100 repe | | |
| Nutri Boost:  HP 10:45 + 5% S + 1% Zn | 88.57 | 99 | 17.73 | 3.33 | 0.35 | 1.03 | 15.70 |
| Kontrola | 84.14 | 101 | 17.31 | 3.71 | 0.53 | 1.58 | 14.56 |

**Rezultati ogleda sa primenom folijarnog đubriva  kompanije “Eco Patents New“u šećernoj repi u 2021. godini**

**Lokalitet: Ogledno polje PSS Sombor – Gakovo**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sorta Tibor | Prinos t/ha | Broj biljaka 000 | D[0S] | K | Na | alfa-N | Prinos šećera t/ha |
| mmol/100 repe | | |
| Fiprot F | 90.32 | 100 | 16.33 | 3.65 | 1.09 | 1.79 | 14.75 |
| Kontrola | 84.14 | 101 | 17.31 | 3.71 | 0.53 | 1.58 | 14.56 |