**Uticaj različitih doza azota u prihrani na sortu crnog luka “Stuttgarter riesen” (Holandski žuti)**

**u 2021. godini**

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

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Varijanta | Broj biljaka/ha | Broj oštećenih lukovica | Biološki prinos (t/ha) | Prinos lukovice (t/ha) | Visina lukovice (cm) | Prečnik lukovice (cm) | Suva materija lukovica % | Suva materija list % |
|
| Kontrola | 492.000 | 16000 | 55,6 | 46,4 | 7,5 | 7,7 | 12,4 | 12,0 |
| Urea 50 kg/ha | 508.000 | 12000 | 67,2 | 59,2 | 7,2 | 7,6 | 12,7 | 10,4 |
| Urea 100 kg/ha | 548.000 | 8000 | 67,2 | 60,1 | 7,5 | 7,5 | 16,0 | 11,2 |
| Urea 150 kg/ha | 428.000 | 4000 | 67,2 | 61,8 | 8,0 | 7,0 | 11,0 | 11,2 |
| AN 50 kg/ha | 480.000 | 16000 | 66,4 | 59,2 | 7,1 | 7,6 | 13,3 | 10,1 |
| AN 100 kg/ha | 584.000 | 4000 | 70,4 | 64,8 | 7,0 | 6,6 | 11,7 | 10,3 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Varijanta | Prosečna masa lukovice (g) | Žetveni indeks | Indeks lukovice | % lukovica prve klase | % lukovica druge klase |
| Kontrola | 97,48 | 0,83 | 0,97 | 96,75 | 3,25 |
| Urea 50 kg/ha | 119,35 | 0,88 | 0,95 | 97,64 | 2,36 |
| Urea 100 kg/ha | 111,3 | 0,89 | 1,00 | 98,54 | 1,46 |
| Urea 150 kg/ha | 145,75 | 0,92 | 1,14 | 99,07 | 0,93 |
| AN 50 kg/ha | 127,59 | 0,89 | 0,93 | 96,67 | 3,33 |
| AN 100 kg/ha | 111,72 | 0,92 | 1,06 | 99,32 | 0,68 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| varijanta/kalibraža lukovica | 40 mm | | 45 mm | | 50 mm | | 55 mm | | 60 mm | | 80 mm | | preko 80 mm | |
| br. lukovica | masa (kg) | br. lukovica | masa (kg) | br. lukovica | masa (kg) | br. lukovica | masa (kg) | br. lukovica | masa (kg) | br. lukovica | masa (kg) | br. lukovica | masa (kg) | |
| Kontrola | 52.000 | 1000 | 80000 | 3220 | 92000 | 5000 | 72000 | 4880 | 72000 | 5800 | 124000 | 13780 | 0 | 0 | |
| Urea 50 kg/ha | 32.000 | 840 | 4000 | 180 | 60000 | 3420 | 32000 | 2200 | 48000 | 4080 | 276000 | 36920 | 56000 | 12120 | |
| Urea 100 kg/ha | 4.000 | 80 | 36000 | 1600 | 52000 | 3000 | 84000 | 5980 | 88000 | 7940 | 264000 | 35960 | 20000 | 4220 | |
| Urea 150 kg/ha | 0 | 0 | 4000 | 140 | 32000 | 1720 | 40000 | 2620 | 12000 | 9960 | 312000 | 41820 | 28000 | 6240 | |
| AN 50 kg/ha | 4000 | 140 | 8000 | 380 | 12000 | 660 | 32000 | 2200 | 64000 | 5780 | 276000 | 38300 | 84000 | 18800 | |
| AN 100 kg/ha | 12000 | 220 | 12000 | 508 | 28000 | 1520 | 36000 | 2540 | 76000 | 6880 | 300000 | 40620 | 120000 | 24340 | |