

Cukorrépa fajtaösszehasonlító kísérletek összesített eredményei
Totalized results of variety comparative trials on sugar beet varieties
2017-2018

A2

| Fajta Variety | Répatermés, t/ha Root yields | | | | Cukortartalom, % Sugar content | | | |
|----------------------------|---------------------------------|-------------|-------------|--------------|-----------------------------------|--------------|--------------|--------------|
| | 2017 | 2018 | átlag | % | 2017 | 2018 | átlag % | % |
| Sylvia | 71.4 | 90.8 | 81.1 | 93.6 | 15.22 | 14.49 | 14.86 | 91.6 |
| st. Legenda KWS | 78.9 | | *86,5 | 99.8 | 16.69 | | *16,28 | 100.3 |
| st. Heston | | 97.2 | *89,6 | 103.4 | | 15.75 | *16,16 | 99.6 |
| st. Predator | 76.1 | 94.0 | 85.1 | 98.2 | 16.93 | 16.13 | 16.53 | 101.9 |
| st. Palantino | 80.4 | 93.1 | 86.8 | 100.1 | 16.54 | 15.30 | 15.92 | 98.1 |
| HI0946 | 78.1 | 94.5 | 86.3 | 99.6 | 16.75 | 15.59 | 16.17 | 99.7 |
| HI1493 | 83.2 | 97.9 | 90.6 | 104.5 | 16.42 | 15.67 | 16.05 | 98.9 |
| HI1502 | 76.9 | 92.4 | 84.7 | 97.7 | 16.86 | 15.55 | 16.21 | 99.9 |
| MA 2223 | 81.5 | 98.9 | 90.2 | 104.1 | 16.32 | 15.46 | 15.89 | 97.9 |
| 7K725 | 82.5 | 98.1 | 90.3 | 104.2 | 16.87 | 15.77 | 16.32 | 100.6 |
| 7K740 | 85.9 | 99.5 | 92.7 | 107.0 | 15.96 | 15.64 | 15.80 | 97.4 |
| 7K748 | 85.2 | 102.4 | 93.8 | 108.3 | 16.26 | 15.79 | 16.03 | 98.8 |
| 7K753 | 82.5 | 100.0 | 91.3 | 105.3 | 16.03 | 15.40 | 15.72 | 96.9 |
| 7K772 | 80.8 | 98.0 | 89.4 | 103.2 | 16.72 | 16.01 | 16.37 | 100.9 |
| 7K776 | 81.3 | 100.7 | 91.0 | 105.0 | 16.52 | 16.29 | 16.41 | 101.1 |
| 6K675 | 76.0 | 86.1 | 81.1 | 93.5 | 17.13 | 16.79 | 16.96 | 104.5 |
| ST137118 | 86.2 | 94.6 | 90.4 | 104.3 | 16.76 | 15.76 | 16.26 | 100.2 |
| ST137117 | 82.5 | 96.9 | 89.7 | 103.5 | 16.88 | 15.53 | 16.21 | 99.9 |
| ST13778 | 80.7 | 95.8 | 88.3 | 101.8 | 17.36 | 16.70 | 17.03 | 105.0 |
| ST12777 | 78.5 | 92.8 | 85.7 | 98.8 | 17.28 | 16.39 | 16.84 | 103.8 |
| SV1955 | 80.0 | 94.2 | 87.1 | 100.5 | 16.81 | 15.99 | 16.40 | 101.1 |
| MK 4167 | 77.6 | 93.2 | 85.4 | 98.6 | 17.91 | 16.84 | 17.38 | 107.1 |
| MK 4168 | 77.5 | 90.5 | 84.0 | 96.9 | 17.10 | 16.29 | 16.70 | 102.9 |
| st.fajták átlaga | 78.5 | 94.8 | 86.7 | 100.0 | 16.72 | 15.73 | 16.23 | 100.0 |
| átlag | 79.5 | 95.5 | 87.5 | 101.0 | 16.62 | 15.87 | 16.25 | 100.1 |
| SzD 5% | 6.3 | 6.2 | 4.1 | 4.8 | 0.53 | 0.56 | 0.48 | 3.0 |
| SzD 5% st. átl.-hoz | 5.1 | 5.1 | 3.4 | 3.9 | 0.43 | 0.46 | 0.39 | 2.4 |
| C.V. | 6.3 | 5.2 | 2.2 | | 2.5 | 2.8 | 1.4 | |
| Helyek száma | 5 | 5 | | | 5 | 5 | | |

*korrigált átlag

Cukorrépa fajtaösszehasonlító kísérletek összesített eredményei
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| Fajta Variety | Kinyerhető cukortartalom, % White sugar content | | | | Kinyerhető cukortermés, t/ha White sugar yields | | | |
|----------------------------|--|--------------|--------------|--------------|--|--------------|--------------|--------------|
| | 2017 | 2018 | átlag | % | 2017 | 2018 | átlag | % |
| Sylvia | 13.26 | 12.40 | 12.83 | 90.4 | 9.51 | 11.14 | 10.33 | 84.8 |
| st. Legenda KWS | 14.77 | | *14,32 | 100.9 | 11.69 | | *12,36 | 101.5 |
| st. Heston | | 13.60 | *14,05 | 99.0 | | 13.10 | *12,43 | 102.1 |
| st. Predator | 14.98 | 14.05 | 14.52 | 102.3 | 11.36 | 13.13 | 12.25 | 100.5 |
| st. Palantino | 14.56 | 13.22 | 13.89 | 97.9 | 11.53 | 12.25 | 11.89 | 97.6 |
| HI0946 | 14.73 | 13.52 | 14.13 | 99.5 | 11.42 | 12.67 | 12.05 | 98.9 |
| HI1493 | 14.38 | 13.58 | 13.98 | 98.5 | 11.86 | 13.13 | 12.50 | 102.6 |
| HI1502 | 14.78 | 13.26 | 14.02 | 98.8 | 11.25 | 12.17 | 11.71 | 96.1 |
| MA 2223 | 14.39 | 13.42 | 13.91 | 98.0 | 11.67 | 13.12 | 12.40 | 101.8 |
| 7K725 | 14.85 | 13.66 | 14.26 | 100.4 | 12.22 | 13.29 | 12.76 | 104.7 |
| 7K740 | 13.87 | 13.52 | 13.70 | 96.5 | 11.75 | 13.39 | 12.57 | 103.2 |
| 7K748 | 14.33 | 13.87 | 14.10 | 99.3 | 12.11 | 14.13 | 13.12 | 107.7 |
| 7K753 | 14.09 | 13.30 | 13.70 | 96.5 | 11.51 | 13.21 | 12.36 | 101.5 |
| 7K772 | 14.78 | 14.02 | 14.40 | 101.4 | 11.95 | 13.64 | 12.80 | 105.0 |
| 7K776 | 14.61 | 14.37 | 14.49 | 102.1 | 11.83 | 14.29 | 13.06 | 107.2 |
| 6K675 | 15.33 | 14.88 | 15.11 | 106.4 | 11.67 | 12.72 | 12.20 | 100.1 |
| ST137118 | 14.70 | 13.67 | 14.19 | 99.9 | 12.57 | 12.82 | 12.70 | 104.2 |
| ST137117 | 14.85 | 13.46 | 14.16 | 99.7 | 12.17 | 12.90 | 12.54 | 102.9 |
| ST13778 | 15.46 | 14.66 | 15.06 | 106.1 | 12.42 | 14.00 | 13.21 | 108.5 |
| ST12777 | 15.38 | 14.33 | 14.86 | 104.6 | 12.05 | 13.24 | 12.65 | 103.8 |
| SV1955 | 14.83 | 13.98 | 14.41 | 101.5 | 11.87 | 13.06 | 12.47 | 102.3 |
| MK 4167 | 16.03 | 14.82 | 15.43 | 108.7 | 12.36 | 13.65 | 13.01 | 106.8 |
| MK 4168 | 15.13 | 14.25 | 14.69 | 103.5 | 11.68 | 12.87 | 12.28 | 100.8 |
| st. fajták átlaga | 14.77 | 13.62 | 14.20 | 100.0 | 11.53 | 12.83 | 12.18 | 100.0 |
| átlag | 14.65 | 13.81 | 14.23 | 100.2 | 11.60 | 13.09 | 12.35 | 101.4 |
| SzD 5% | 0.56 | 0.58 | 0.51 | 3.6 | 1.01 | 1.09 | 0.74 | 6.0 |
| SzD 5% st. átl.-hoz | 0.46 | 0.47 | 0.42 | 3.0 | 0.82 | 0.89 | 0.60 | 4.9 |
| C.V. | 3.0 | 3.4 | 1.7 | | 7.0 | 6.6 | 2.8 | |
| Helyek száma | 5 | 5 | | | 5 | 5 | | |

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Cukorrépa fajtaösszehasonlító kísérletek összesített eredményei
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| Fajta Variety | K tartalom, mmol/100g répa K content | | | | Na tartalom, mmol/100g répa Na content | | | |
|----------------------------|---|-------------|-------------|--------------|---|-------------|-------------|--------------|
| | 2017 | 2018 | átlag | % | 2017 | 2018 | átlag | % |
| Sylvia | 3.28 | 3.44 | 3.36 | 94.4 | 1.06 | 1.41 | 1.24 | 128.0 |
| st. Legenda KWS | 3.33 | | *3,30 | 92.8 | 0.87 | | *1,11 | 114.7 |
| st. Heston | | 3.64 | *3,67 | 103.0 | | 1.14 | *0,90 | 93.6 |
| st. Predator | 3.62 | 3.54 | 3.58 | 100.6 | 0.61 | 1.18 | 0.90 | 92.7 |
| st. Palantino | 3.61 | 3.62 | 3.62 | 101.5 | 0.74 | 1.24 | 0.99 | 102.6 |
| HI0946 | 3.71 | 3.44 | 3.58 | 100.4 | 0.70 | 1.31 | 1.01 | 104.1 |
| HI1493 | 3.67 | 3.63 | 3.65 | 102.5 | 0.88 | 1.22 | 1.05 | 108.8 |
| HI1502 | 3.75 | 3.72 | 3.74 | 104.9 | 0.89 | 1.41 | 1.15 | 119.2 |
| MA 2223 | 3.28 | 3.44 | 3.36 | 94.4 | 0.70 | 1.33 | 1.02 | 105.2 |
| 7K725 | 3.33 | 3.37 | 3.35 | 94.1 | 0.82 | 1.44 | 1.13 | 117.1 |
| 7K740 | 3.72 | 3.51 | 3.62 | 101.5 | 0.52 | 0.84 | 0.68 | 70.5 |
| 7K748 | 3.27 | 3.05 | 3.16 | 88.8 | 0.80 | 1.21 | 1.01 | 104.1 |
| 7K753 | 3.27 | 3.44 | 3.36 | 94.2 | 0.68 | 1.12 | 0.90 | 93.3 |
| 7K772 | 3.18 | 3.08 | 3.13 | 87.9 | 1.24 | 1.52 | 1.38 | 143.0 |
| 7k776 | 3.44 | 3.08 | 3.26 | 91.6 | 0.69 | 1.12 | 0.91 | 93.8 |
| 6K675 | 2.96 | 2.99 | 2.98 | 83.6 | 0.39 | 0.63 | 0.51 | 52.8 |
| ST137118 | 4.24 | 4.12 | 4.18 | 117.4 | 0.57 | 1.06 | 0.82 | 84.5 |
| ST137117 | 4.01 | 4.09 | 4.05 | 113.8 | 0.59 | 1.03 | 0.81 | 83.9 |
| ST13778 | 3.42 | 3.56 | 3.49 | 98.0 | 0.55 | 1.05 | 0.80 | 82.9 |
| ST12777 | 3.62 | 3.56 | 3.59 | 100.8 | 0.48 | 1.07 | 0.78 | 80.3 |
| SV1955 | 3.33 | 3.27 | 3.30 | 92.7 | 0.68 | 1.10 | 0.89 | 92.2 |
| MK 4167 | 3.26 | 3.11 | 3.19 | 89.5 | 0.42 | 1.04 | 0.73 | 75.6 |
| MK 4168 | 3.57 | 3.40 | 3.49 | 97.9 | 0.53 | 1.14 | 0.84 | 86.5 |
| st.fajták átlaga | 3.52 | 3.60 | 3.56 | 100.0 | 0.74 | 1.19 | 0.97 | 100.0 |
| átlag | 3.50 | 3.46 | 3.48 | 97.8 | 0.69 | 1.16 | 0.93 | 95.9 |
| SzD 5% | 0.28 | 0.25 | 0.22 | 6.3 | 0.22 | 0.26 | 0.18 | 18.9 |
| SzD 5% st. átl.-hoz | 0.23 | 0.20 | 0.18 | 5.0 | 0.18 | 0.21 | 0.15 | 15.2 |
| C.V. | 6.4 | 5.8 | 3.0 | | 25.9 | 17.6 | 9.1 | |
| Helyek száma | 5 | 5 | | | 5 | 5 | | |

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| Fajta Variety | N tartalom, mmol/100g répa <i>N content</i> | | | | Melasztartalom, % <i>Molassis content</i> | | | |
|----------------------------|--|-------------|-------------|--------------|--|-------------|-------------|--------------|
| | 2017 | 2018 | átlag | % | 2017 | 2018 | átlag | % |
| Sylvia | 1.52 | 1.81 | 1.67 | 98.5 | 1.36 | 1.50 | 1.43 | 100.0 |
| st. Legenda KWS | 1.40 | | *1,47 | 87.2 | 1.32 | | *1,36 | 95.3 |
| st.Heston | | 2.07 | *2,00 | 118.1 | | 1.55 | *1,51 | 105.4 |
| st.Predator | 1.51 | 1.83 | 1.67 | 98.8 | 1.35 | 1.49 | 1.42 | 99.3 |
| st.Palantino | 1.58 | 1.75 | 1.67 | 98.5 | 1.38 | 1.48 | 1.43 | 100.0 |
| HI0946 | 1.71 | 1.74 | 1.73 | 102.1 | 1.42 | 1.47 | 1.45 | 101.0 |
| HI1493 | 1.75 | 1.77 | 1.76 | 104.1 | 1.45 | 1.49 | 1.47 | 102.8 |
| HI1502 | 1.84 | 2.46 | 2.15 | 127.2 | 1.48 | 1.68 | 1.58 | 110.5 |
| MA 2223 | 1.54 | 1.60 | 1.57 | 92.9 | 1.33 | 1.44 | 1.39 | 96.9 |
| 7K725 | 1.82 | 1.89 | 1.86 | 109.8 | 1.42 | 1.51 | 1.47 | 102.4 |
| 7K740 | 2.12 | 2.15 | 2.14 | 126.3 | 1.50 | 1.52 | 1.51 | 105.6 |
| 7K748 | 1.51 | 1.37 | 1.44 | 85.2 | 1.33 | 1.32 | 1.33 | 92.7 |
| 7K753 | 1.61 | 1.95 | 1.78 | 105.3 | 1.34 | 1.50 | 1.42 | 99.3 |
| 7K772 | 1.38 | 1.51 | 1.45 | 85.5 | 1.34 | 1.39 | 1.37 | 95.5 |
| 7k776 | 1.38 | 1.40 | 1.39 | 82.2 | 1.31 | 1.32 | 1.32 | 92.0 |
| 6K675 | 1.36 | 1.63 | 1.50 | 88.5 | 1.21 | 1.31 | 1.26 | 88.1 |
| ST137118 | 1.67 | 1.60 | 1.64 | 96.7 | 1.46 | 1.48 | 1.47 | 102.8 |
| ST137117 | 1.65 | 1.56 | 1.61 | 95.0 | 1.43 | 1.47 | 1.45 | 101.4 |
| ST13778 | 1.43 | 1.69 | 1.56 | 92.3 | 1.30 | 1.44 | 1.37 | 95.8 |
| ST12777 | 1.37 | 1.79 | 1.58 | 93.5 | 1.30 | 1.47 | 1.39 | 96.9 |
| SV1955 | 1.72 | 1.70 | 1.71 | 101.2 | 1.37 | 1.41 | 1.39 | 97.2 |
| MK 4167 | 1.48 | 1.83 | 1.66 | 97.9 | 1.28 | 1.42 | 1.35 | 94.4 |
| MK 4168 | 1.65 | 1.70 | 1.68 | 99.1 | 1.37 | 1.43 | 1.40 | 97.9 |
| st.fajták átlaga | 1.5 | 1.88 | 1.69 | 100.0 | 1.35 | 1.51 | 1.43 | 100.0 |
| átlag | 1.61 | 1.76 | 1.69 | 99.7 | 1.37 | 1.46 | 1.42 | 99.0 |
| SzD 5% | 0.31 | 0.39 | 0.29 | 17.3 | 0.10 | 0.11 | 0.09 | 6.3 |
| SzD 5% st. átl.-hoz | 0.25 | 0.32 | 0.24 | 14.0 | 0.08 | 0.09 | 0.07 | 5.0 |
| C.V. | 15.3 | 17.8 | 8.2 | | 5.7 | 5.9 | 3.0 | |
| Helyek száma | 5 | 5 | | | 5 | 5 | | |

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