

Tabela 1 - Proizvodna i tehnološka svojstva sorte 1

| Lokalitet      | Godina | Prinos korena (t/ha) |          | Sadržaj šećera (%)  |          | Prinos kristalnog šećera (t/ha) |          | Prinos polarizacionog šećera (t/ha) |          | Iskorišćenje na repu (%) |          | Stepen napada Cercospora beticola sacc. (ocena 1-5) |          |
|----------------|--------|----------------------|----------|---------------------|----------|---------------------------------|----------|-------------------------------------|----------|--------------------------|----------|---|----------|
|                |        | Sorta 1              | Original | Sorta 1             | Original | Sorta 1                         | Original | Sorta 1                             | Original | Sorta 1                  | Original | Sorta 1   | Original |
| Kikinda        | 2015.  | 69,275               | 77,475   | 18,22               | 17,59    | 10,674                          | 11,351   | 12,626                              | 13,621   | 15,40                    | 14,65    | 3,0   | 4,0      |
|                | 2016.  | 98,450               | 105,475  | 16,73               | 14,75    | 14,009                          | 12,819   | 16,462                              | 15,561   | 14,24                    | 12,15    | 2,0   | 3,0      |
|                | ☒      | 83,863               | 91,475   | 17,47               | 16,17    | 12,341                          | 12,085   | 14,544                              | 14,591   | 14,82                    | 13,40    | 2,5   | 3,5      |
| Novi Sad       | 2015.  | 64,125               | 61,400   | 15,63               | 14,60    | 8,617                           | 7,505    | 10,021                              | 8,963    | 13,44                    | 12,23    |   |          |
|                | 2016.  | 81,650               | 71,250   | 15,42               | 12,73    | 10,874                          | 7,569    | 12,592                              | 9,069    | 13,31                    | 10,63    | 2,5   | 3,5      |
|                | ☒      | 72,888               | 66,325   | 15,52               | 13,67    | 9,746                           | 7,537    | 11,306                              | 9,016    | 13,38                    | 11,43    | 2,5   | 3,5      |
| Pančevo        | 2015.  | 81,275               | 83,250   | 15,52               | 15,23    | 10,503                          | 10,395   | 12,621                              | 12,676   | 12,91                    | 12,49    | 1,0   | 1,0      |
|                | 2016.  | 99,900               | 103,900  | 16,22               | 15,14    | 13,803                          | 13,168   | 16,178                              | 15,731   | 13,85                    | 12,67    | 1,3   | 1,0      |
|                | ☒      | 90,588               | 93,575   | 15,87               | 15,18    | 12,153                          | 11,781   | 14,400                              | 14,203   | 13,38                    | 12,58    | 1,2   | 1,0      |
| S.Mitrovica    | 2015.  | 109,375              | 119,850  | 16,47               | 15,50    | 15,336                          | 15,565   | 18,004                              | 18,567   | 14,03                    | 13,00    | 1,2   | 1,4      |
| Sombor         | 2015.  | 92,650               | 103,825  | 15,15               | 14,61    | 11,687                          | 12,434   | 14,026                              | 15,175   | 12,62                    | 11,97    | 1,8   | 2,0      |
|                | 2016.  | 91,828               | 88,553   | 14,88               | 14,06    | 11,885                          | 10,591   | 13,683                              | 12,456   | 12,93                    | 11,96    | 2,5   | 2,0      |
|                | ☒      | 92,239               | 96,189   | 15,01               | 14,34    | 11,786                          | 11,512   | 13,855                              | 13,816   | 12,77                    | 11,97    | 2,1   | 2,0      |
| ☒ (2015-2016.) |        | 87,614 <sup>o</sup>  | 90,553   | 16,02 <sup>++</sup> | 14,91    | 11,932                          | 11,266   | 14,024                              | 13,535   | 13,64                    | 12,42    | 1,9   | 2,2      |
| Isd            | 0,05   | 2,942                |          | 0,14                |          |                                 |          |                                     |          |                          |          |   |          |
|                | 0,01   | 3,871                |          | 0,19                |          |                                 |          |                                     |          |                          |          |   |          |
| Cv             |        | 7,00                 |          | 2,00                |          |                                 |          |                                     |          |                          |          |   |          |

Tabela 1 - Proizvodna i tehnološka svojstva sorte 2

| Lokalitet      | Godina | Prinos korena (t/ha) |          | Sadržaj šećera (%)  |          | Prinos kristalnog šećera (t/ha) |          | Prinos polarizacionog šećera (t/ha) |          | Iskorišćenje na repu (%) |          | Stepen napada Cercospora beticola sacc. (ocena 1-5) |          |
|----------------|--------|----------------------|----------|---------------------|----------|---------------------------------|----------|-------------------------------------|----------|--------------------------|----------|---|----------|
|                |        | Sorta 2              | Original | Sorta 2             | Original | Sorta 2                         | Original | Sorta 2                             | Original | Sorta 2                  | Original | Sorta 2   | Original |
| Kikinda        | 2015.  | 82,500               | 77,475   | 17,21               | 17,59    | 11,824                          | 11,351   | 14,199                              | 13,621   | 14,33                    | 14,65    | 3,0   | 4,0      |
|                | 2016.  | 111,950              | 105,475  | 15,34               | 14,75    | 14,365                          | 12,819   | 17,183                              | 15,561   | 12,83                    | 12,15    | 2,0   | 3,0      |
|                | ☒      | 97,225               | 91,475   | 16,28               | 16,17    | 13,094                          | 12,085   | 15,691                              | 14,591   | 13,58                    | 13,40    | 2,5   | 3,5      |
| Novi Sad       | 2015.  | 65,800               | 61,400   | 14,76               | 14,60    | 8,292                           | 7,505    | 9,720                               | 8,963    | 12,59                    | 12,23    |   |          |
|                | 2016.  | 79,275               | 71,250   | 14,46               | 12,73    | 9,738                           | 7,569    | 11,453                              | 9,069    | 12,29                    | 10,63    | 2,5   | 3,5      |
|                | ☒      | 72,538               | 66,325   | 14,61               | 13,67    | 9,015                           | 7,537    | 10,587                              | 9,016    | 12,44                    | 11,43    | 2,5   | 3,5      |
| Pančevo        | 2015.  | 90,050               | 83,250   | 14,90               | 15,23    | 11,029                          | 10,395   | 13,427                              | 12,676   | 12,24                    | 12,49    | 1,0   | 1,0      |
|                | 2016.  | 104,600              | 103,900  | 16,01               | 15,14    | 14,137                          | 13,168   | 16,720                              | 15,731   | 13,54                    | 12,67    | 1,0   | 1,0      |
|                | ☒      | 97,325               | 93,575   | 15,46               | 15,18    | 12,583                          | 11,781   | 15,074                              | 14,203   | 12,89                    | 12,58    | 1,0   | 1,0      |
| S.Mitrovica    | 2015.  | 122,525              | 119,850  | 15,23               | 15,50    | 15,709                          | 15,565   | 18,671                              | 18,567   | 12,82                    | 13,00    | 1,5   | 1,4      |
| Sombor         | 2015.  | 104,888              | 103,825  | 13,75               | 14,61    | 11,784                          | 12,434   | 14,403                              | 15,175   | 11,25                    | 11,97    | 1,8   | 2,0      |
|                | 2016.  | 102,153              | 88,553   | 14,38               | 14,06    | 12,730                          | 10,591   | 14,684                              | 12,456   | 12,47                    | 11,96    | 2,8   | 2,0      |
|                | ☒      | 103,520              | 96,189   | 14,07               | 14,34    | 12,257                          | 11,512   | 14,543                              | 13,816   | 11,86                    | 11,97    | 2,3   | 2,0      |
| ☒ (2015-2016.) |        | 95,971 <sup>++</sup> | 90,553   | 15,12 <sup>++</sup> | 14,91    | 12,179                          | 11,266   | 14,496                              | 13,535   | 12,71                    | 12,42    | 1,9   | 2,2      |
| Isd            | 0,05   | 2,942                |          | 0,14                |          |                                 |          |                                     |          |                          |          |   |          |
|                | 0,01   | 3,871                |          | 0,19                |          |                                 |          |                                     |          |                          |          |   |          |
| Cv             |        | 7,00                 |          | 2,00                |          |                                 |          |                                     |          |                          |          |   |          |

Tabela 2 - Proizvodna i tehnološka svojstva sorte 2 na zemljištu zaraženom nematodama

| Lokalitet      | Godina | Prinos korena (t/ha) |        | Sadržaj šećera (%) |       | Prinos kristalnog šećera (t/ha) |        | Prinos polarizacionog šećera (t/ha) |        | Iskorišćenje na repu (%) |       | Stepen napada Cercospora beticola sacc. (ocena 1-5) |       |
|----------------|--------|----------------------|--------|--------------------|-------|---------------------------------|--------|-------------------------------------|--------|--------------------------|-------|---|-------|
|                |        | Sorta 2              | Bruna  | Sorta 2            | Bruna | Sorta 2                         | Bruna  | Sorta 2                             | Bruna  | Sorta 2                  | Bruna | Sorta 2   | Bruna |
| Kikinda        | 2015.  | 97,250               | 79,250 | 13,91              | 14,64 | 11,498                          | 9,942  | 13,531                              | 11,615 | 11,81                    | 12,53 | 2,5   | 4,5   |
|                | 2016.  | 105,250              | 81,500 | 14,93              | 15,23 | 13,364                          | 10,542 | 15,676                              | 12,390 | 12,74                    | 12,96 | 3,5   | 3,3   |
|                | ☒      | 101,250              | 80,375 | 14,42              | 14,94 | 12,431                          | 10,242 | 14,604                              | 12,002 | 12,27                    | 12,74 | 3,0   | 3,9   |
| Sombor         | 2015.  | 81,488               | 72,763 | 14,27              | 15,49 | 9,643                           | 9,481  | 11,639                              | 11,278 | 11,82                    | 13,02 | 1,5   | 1,5   |
| ☒ (2015-2016.) |        | 94.663 <sup>++</sup> | 77,838 | 14.37 <sup>-</sup> | 15,12 | 11,502                          | 9,989  | 13,615                              | 11,761 | 12,12                    | 12,84 | 2,8   | 3,6   |
| Isd            | 0.05   | 7,794                |        | 0,36               |       |                                 |        |                                     |        |                          |       |   |       |
|                | 0.01   | 10,379               |        | 0,48               |       |                                 |        |                                     |        |                          |       |   |       |
| Cv             |        | 11,40                |        | 3,09               |       |                                 |        |                                     |        |                          |       |   |       |

Tabela 1 - Proizvodna i tehnološka svojstva sorte 3

| Lokalitet      | Godina | Prinos korena (t/ha) |          | Sadržaj šećera (%)  |          | Prinos kristalnog šećera (t/ha) |          | Prinos polarizacionog šećera (t/ha) |          | Iskorišćenje na repu (%) |          | Stepen napada Cercospora beticola sacc. (ocena 1-5) |          |
|----------------|--------|----------------------|----------|---------------------|----------|---------------------------------|----------|-------------------------------------|----------|--------------------------|----------|---|----------|
|                |        | Sorta 3              | Original | Sorta 3             | Original | Sorta 3                         | Original | Sorta 3                             | Original | Sorta 3                  | Original | Sorta 3   | Original |
| Kikinda        | 2015.  | 72,375               | 77,475   | 18,03               | 17,59    | 10,849                          | 11,351   | 13,046                              | 13,621   | 15,00                    | 14,65    | 3,0   | 4,0      |
|                | 2016.  | 98,925               | 105,475  | 15,48               | 14,75    | 12,666                          | 12,819   | 15,310                              | 15,561   | 12,80                    | 12,15    | 3,0   | 3,0      |
|                | ☒      | 85,650               | 91,475   | 16,75               | 16,17    | 11,757                          | 12,085   | 14,178                              | 14,591   | 13,90                    | 13,40    | 3,0   | 3,5      |
| Novi Sad       | 2015.  | 56,975               | 61,400   | 14,36               | 14,60    | 6,884                           | 7,505    | 8,187                               | 8,963    | 12,08                    | 12,23    |   |          |
|                | 2016.  | 80,175               | 71,250   | 13,94               | 12,73    | 9,524                           | 7,569    | 11,175                              | 9,069    | 11,88                    | 10,63    | 3,0   | 3,5      |
|                | ☒      | 68,575               | 66,325   | 14,15               | 13,67    | 8,204                           | 7,537    | 9,681                               | 9,016    | 11,98                    | 11,43    | 3,0   | 3,5      |
| Pančevo        | 2015.  | 75,475               | 83,250   | 15,15               | 15,23    | 9,377                           | 10,395   | 11,428                              | 12,676   | 12,43                    | 12,49    | 1,0   | 1,0      |
|                | 2016.  | 91,500               | 103,900  | 15,49               | 15,14    | 11,860                          | 13,168   | 14,155                              | 15,731   | 12,99                    | 12,67    | 1,8   | 1,0      |
|                | ☒      | 83,488               | 93,575   | 15,32               | 15,18    | 10,619                          | 11,781   | 12,792                              | 14,203   | 12,71                    | 12,58    | 1,6   | 1,0      |
| S.Mitrovica    | 2015.  | 108,925              | 119,850  | 16,02               | 15,50    | 14,677                          | 15,565   | 17,439                              | 18,567   | 13,48                    | 13,00    | 1,2   | 1,4      |
| Sombor         | 2015.  | 102,313              | 103,825  | 15,12               | 14,61    | 12,946                          | 12,434   | 15,466                              | 15,175   | 12,66                    | 11,97    | 2,0   | 2,0      |
|                | 2016.  | 92,590               | 88,553   | 14,83               | 14,06    | 11,771                          | 10,591   | 13,724                              | 12,456   | 12,72                    | 11,96    | 2,0   | 2,0      |
|                | ☒      | 97,451               | 96,189   | 14,97               | 14,34    | 12,359                          | 11,512   | 14,595                              | 13,816   | 12,69                    | 11,97    | 2,0   | 2,0      |
| ☒ (2015-2016.) |        | 86,584 <sup>-</sup>  | 90,553   | 15,38 <sup>++</sup> | 14,91    | 11,173                          | 11,266   | 13,326                              | 13,535   | 12,89                    | 12,42    | 2,2   | 2,2      |
| Isd            | 0.05   | 2,942                |          | 0,14                |          |                                 |          |                                     |          |                          |          |   |          |
|                | 0.01   | 3,871                |          | 0,19                |          |                                 |          |                                     |          |                          |          |   |          |
| Cv             |        | 7,00                 |          | 2,00                |          |                                 |          |                                     |          |                          |          |   |          |

Tabela 1 - Proizvodna i tehnološka svojstva sorte 4

| Lokalitet      | Godina | Prinos korena (t/ha) |          | Sadržaj šećera (%)  |          | Prinos kristalnog šećera (t/ha) |          | Prinos polarizacionog šećera (t/ha) |          | Iskorišćenje na repu (%) |          | Stepen napada Cercospora beticola sacc. (ocena 1-5) |          |
|----------------|--------|----------------------|----------|---------------------|----------|---------------------------------|----------|-------------------------------------|----------|--------------------------|----------|---|----------|
|                |        | Sorta 4              | Original | Sorta 4             | Original | Sorta 4                         | Original | Sorta 4                             | Original | Sorta 4                  | Original | Sorta 4   | Original |
| Kikinda        | 2015.  | 74,600               | 77,475   | 18,22               | 17,59    | 11,516                          | 11,351   | 13,589                              | 13,621   | 15,44                    | 14,65    | 3,0   | 4,0      |
|                | 2016.  | 103,575              | 105,475  | 15,94               | 14,75    | 13,713                          | 12,819   | 16,504                              | 15,561   | 13,24                    | 12,15    | 3,0   | 3,0      |
|                | ☒      | 89,088               | 91,475   | 17,08               | 16,17    | 12,615                          | 12,085   | 15,047                              | 14,591   | 14,34                    | 13,40    | 3,0   | 3,5      |
| Novi Sad       | 2015.  | 65,525               | 61,400   | 14,80               | 14,60    | 8,160                           | 7,505    | 9,701                               | 8,963    | 12,44                    | 12,23    |   |          |
|                | 2016.  | 88,300               | 71,250   | 14,38               | 12,73    | 10,756                          | 7,569    | 12,710                              | 9,069    | 12,17                    | 10,63    | 2,5   | 3,5      |
|                | ☒      | 76,913               | 66,325   | 14,59               | 13,67    | 9,458                           | 7,537    | 11,206                              | 9,016    | 12,30                    | 11,43    | 2,5   | 3,5      |
| Pančevo        | 2015.  | 84,050               | 83,250   | 15,26               | 15,23    | 10,723                          | 10,395   | 12,829                              | 12,676   | 12,75                    | 12,49    | 1,0   | 1,0      |
|                | 2016.  | 101,250              | 103,900  | 15,91               | 15,14    | 13,326                          | 13,168   | 16,096                              | 15,731   | 13,18                    | 12,67    | 1,0   | 1,0      |
|                | ☒      | 92,650               | 93,575   | 15,58               | 15,18    | 12,024                          | 11,781   | 14,462                              | 14,203   | 12,96                    | 12,58    | 1,0   | 1,0      |
| S.Mitrovica    | 2015.  | 110,650              | 119,850  | 15,24               | 15,50    | 14,062                          | 15,565   | 16,863                              | 18,567   | 12,70                    | 13,00    | 2,3   | 1,4      |
| Sombor         | 2015.  | 100,113              | 103,825  | 14,40               | 14,61    | 11,874                          | 12,434   | 14,389                              | 15,175   | 11,88                    | 11,97    | 1,8   | 2,0      |
|                | 2016.  | 88,978               | 88,553   | 15,28               | 14,06    | 11,721                          | 10,591   | 13,596                              | 12,456   | 13,17                    | 11,96    | 1,8   | 2,0      |
|                | ☒      | 94,545               | 96,189   | 14,84               | 14,34    | 11,797                          | 11,512   | 13,992                              | 13,816   | 12,53                    | 11,97    | 1,8   | 2,0      |
| ☒ (2015-2016.) |        | 90,782 <sup>o</sup>  | 90,553   | 15,49 <sup>++</sup> | 14,91    | 11,761                          | 11,266   | 14,031                              | 13,535   | 13,00                    | 12,42    | 1,9   | 2,2      |
| Isd            | 0.05   | 2,942                |          | 0,14                |          |                                 |          |                                     |          |                          |          |   |          |
|                | 0.01   | 3,871                |          | 0,19                |          |                                 |          |                                     |          |                          |          |   |          |
| Cv             |        | 7,00                 |          | 2,00                |          |                                 |          |                                     |          |                          |          |   |          |

Tabela 1 - Proizvodna i tehnološka svojstva sorte 5

| Lokalitet      | Godina | Prinos korena (t/ha) |          | Sadržaj šećera (%)  |          | Prinos kristalnog šećera (t/ha) |          | Prinos polarizacionog šećera (t/ha) |          | Iskorišćenje na repu (%) |          | Stepen napada Cercospora beticola sacc. (ocena 1-5) |          |
|----------------|--------|----------------------|----------|---------------------|----------|---------------------------------|----------|-------------------------------------|----------|--------------------------|----------|---|----------|
|                |        | Sorta 5              | Original | Sorta 5             | Original | Sorta 5                         | Original | Sorta 5                             | Original | Sorta 5                  | Original | Sorta 5   | Original |
| Kikinda        | 2015.  | 73,550               | 77,475   | 18,09               | 17,59    | 11,085                          | 11,351   | 13,307                              | 13,621   | 15,07                    | 14,65    | 2,0   | 4,0      |
|                | 2016.  | 102,100              | 105,475  | 16,10               | 14,75    | 13,895                          | 12,819   | 16,421                              | 15,561   | 13,62                    | 12,15    | 3,0   | 3,0      |
|                | ☒      | 87,825               | 91,475   | 17,09               | 16,17    | 12,490                          | 12,085   | 14,864                              | 14,591   | 14,35                    | 13,40    | 2,5   | 3,5      |
| Novi Sad       | 2015.  | 75,275               | 61,400   | 14,70               | 14,60    | 9,267                           | 7,505    | 11,072                              | 8,963    | 12,30                    | 12,23    |   |          |
|                | 2016.  | 81,875               | 71,250   | 14,65               | 12,73    | 10,106                          | 7,569    | 12,001                              | 9,069    | 12,34                    | 10,63    | 2,8   | 3,5      |
|                | ☒      | 78,575               | 66,325   | 14,68               | 13,67    | 9,686                           | 7,537    | 11,536                              | 9,016    | 12,32                    | 11,43    | 2,8   | 3,5      |
| Pančevo        | 2015.  | 79,125               | 83,250   | 15,43               | 15,23    | 10,170                          | 10,395   | 12,210                              | 12,676   | 12,85                    | 12,49    | 1,0   | 1,0      |
|                | 2016.  | 104,350              | 103,900  | 16,05               | 15,14    | 14,139                          | 13,168   | 16,744                              | 15,731   | 13,55                    | 12,67    | 1,5   | 1,0      |
|                | ☒      | 91,738               | 93,575   | 15,74               | 15,18    | 12,155                          | 11,781   | 14,477                              | 14,203   | 13,20                    | 12,58    | 1,4   | 1,0      |
| S.Mitrovica    | 2015.  | 115,200              | 119,850  | 15,43               | 15,50    | 14,835                          | 15,565   | 17,779                              | 18,567   | 12,88                    | 13,00    | 1,5   | 1,4      |
| Sombor         | 2015.  | 107,425              | 103,825  | 15,44               | 14,61    | 13,847                          | 12,434   | 16,587                              | 15,175   | 12,88                    | 11,97    | 1,5   | 2,0      |
|                | 2016.  | 92,993               | 88,553   | 14,87               | 14,06    | 11,869                          | 10,591   | 13,833                              | 12,456   | 12,76                    | 11,96    | 1,5   | 2,0      |
|                | ☒      | 100,209              | 96,189   | 15,15               | 14,34    | 12,858                          | 11,512   | 15,210                              | 13,816   | 12,82                    | 11,97    | 1,5   | 2,0      |
| ☒ (2015-2016.) |        | 92,433 <sup>o</sup>  | 90,553   | 15,64 <sup>++</sup> | 14,91    | 12,135                          | 11,266   | 14,439                              | 13,535   | 13,14                    | 12,42    | 2,0   | 2,2      |
| Isd            | 0.05   | 2,942                |          | 0,14                |          |                                 |          |                                     |          |                          |          |   |          |
|                | 0.01   | 3,871                |          | 0,19                |          |                                 |          |                                     |          |                          |          |   |          |
| Cv             |        | 7,00                 |          | 2,00                |          |                                 |          |                                     |          |                          |          |   |          |

Tabela 1 - Proizvodna i tehnološka svojstva sorte 6

| Lokalitet      | Godina | Prinos korena (t/ha) |          | Sadržaj šećera (%)  |          | Prinos kristalnog šećera (t/ha) |          | Prinos polarizacionog šećera (t/ha) |          | Iskorišćenje na repu (%) |          | Stepen napada Cercospora beticola sacc. (ocena 1-5) |          |
|----------------|--------|----------------------|----------|---------------------|----------|---------------------------------|----------|-------------------------------------|----------|--------------------------|----------|---|----------|
|                |        | Sorta 6              | Original | Sorta 6             | Original | Sorta 6                         | Original | Sorta 6                             | Original | Sorta 6                  | Original | Sorta 6   | Original |
| Kikinda        | 2015.  | 76,300               | 77,475   | 17,24               | 17,59    | 11,072                          | 11,351   | 13,149                              | 13,621   | 14,52                    | 14,65    | 3,0   | 4,0      |
|                | 2016.  | 120,100              | 105,475  | 14,99               | 14,75    | 15,053                          | 12,819   | 17,998                              | 15,561   | 12,54                    | 12,15    | 1,0   | 3,0      |
|                | ☒      | 98,200               | 91,475   | 16,11               | 16,17    | 13,063                          | 12,085   | 15,573                              | 14,591   | 13,53                    | 13,40    | 2,0   | 3,5      |
| Novi Sad       | 2015.  | 68,900               | 61,400   | 14,32               | 14,60    | 8,290                           | 7,505    | 9,867                               | 8,963    | 12,03                    | 12,23    |   |          |
|                | 2016.  | 85,350               | 71,250   | 14,35               | 12,73    | 10,519                          | 7,569    | 12,233                              | 9,069    | 12,34                    | 10,63    | 2,8   | 3,5      |
|                | ☒      | 77,125               | 66,325   | 14,33               | 13,67    | 9,405                           | 7,537    | 11,050                              | 9,016    | 12,19                    | 11,43    | 2,8   | 3,5      |
| Pančevo        | 2015.  | 87,275               | 83,250   | 15,21               | 15,23    | 11,040                          | 10,395   | 13,270                              | 12,676   | 12,65                    | 12,49    | 1,0   | 1,0      |
|                | 2016.  | 104,300              | 103,900  | 15,63               | 15,14    | 13,828                          | 13,168   | 16,260                              | 15,731   | 13,30                    | 12,67    | 1,3   | 1,0      |
|                | ☒      | 95,788               | 93,575   | 15,42               | 15,18    | 12,434                          | 11,781   | 14,765                              | 14,203   | 12,97                    | 12,58    | 1,2   | 1,0      |
| S.Mitrovica    | 2015.  | 116,975              | 119,850  | 14,99               | 15,50    | 14,753                          | 15,565   | 17,535                              | 18,567   | 12,61                    | 13,00    | 1,6   | 1,4      |
| Sombor         | 2015.  | 101,263              | 103,825  | 14,66               | 14,61    | 12,334                          | 12,434   | 14,846                              | 15,175   | 12,18                    | 11,97    | 1,8   | 2,0      |
|                | 2016.  | 98,075               | 88,553   | 14,68               | 14,06    | 12,344                          | 10,591   | 14,412                              | 12,456   | 12,57                    | 11,96    | 1,5   | 2,0      |
|                | ☒      | 99,669               | 96,189   | 14,67               | 14,34    | 12,339                          | 11,512   | 14,629                              | 13,816   | 12,37                    | 11,97    | 1,6   | 2,0      |
| ☒ (2015-2016.) |        | 95,393 <sup>++</sup> | 90,553   | 15,12 <sup>++</sup> | 14,91    | 12,137                          | 11,266   | 14,397                              | 13,535   | 12,75                    | 12,42    | 1,8   | 2,2      |
| Isd            | 0.05   | 2,942                |          | 0,14                |          |                                 |          |                                     |          |                          |          |   |          |
|                | 0.01   | 3,871                |          | 0,19                |          |                                 |          |                                     |          |                          |          |   |          |
| Cv             |        | 7,00                 |          | 2,00                |          |                                 |          |                                     |          |                          |          |   |          |

Tabela 1 - Proizvodna i tehnološka svojstva sorte 7

| Lokalitet      | Godina | Prinos korena (t/ha) |          | Sadržaj šećera (%)  |          | Prinos kristalnog šećera (t/ha) |          | Prinos polarizacionog šećera (t/ha) |          | Iskorišćenje na repu (%) |          | Stepen napada Cercospora beticola sacc. (ocena 1-5) |          |
|----------------|--------|----------------------|----------|---------------------|----------|---------------------------------|----------|-------------------------------------|----------|--------------------------|----------|---|----------|
|                |        | Sorta 7              | Original | Sorta 7             | Original | Sorta 7                         | Original | Sorta 7                             | Original | Sorta 7                  | Original | Sorta 7   | Original |
| Kikinda        | 2015.  | 73,400               | 77,475   | 17,31               | 17,59    | 10,725                          | 11,351   | 12,707                              | 13,621   | 14,61                    | 14,65    | 3,0   | 4,0      |
|                | 2016.  | 115,500              | 105,475  | 15,24               | 14,75    | 14,688                          | 12,819   | 17,612                              | 15,561   | 12,70                    | 12,15    | 2,0   | 3,0      |
|                | ☒      | 94,450               | 91,475   | 16,27               | 16,17    | 12,707                          | 12,085   | 15,160                              | 14,591   | 13,66                    | 13,40    | 2,5   | 3,5      |
| Novi Sad       | 2015.  | 65,375               | 61,400   | 14,50               | 14,60    | 8,034                           | 7,505    | 9,485                               | 8,963    | 12,28                    | 12,23    |   |          |
|                | 2016.  | 81,725               | 71,250   | 14,32               | 12,73    | 10,079                          | 7,569    | 11,701                              | 9,069    | 12,33                    | 10,63    | 3,0   | 3,5      |
|                | ☒      | 73,550               | 66,325   | 14,41               | 13,67    | 9,057                           | 7,537    | 10,593                              | 9,016    | 12,31                    | 11,43    | 3,0   | 3,5      |
| Pančevo        | 2015.  | 82,950               | 83,250   | 15,63               | 15,23    | 10,858                          | 10,395   | 12,964                              | 12,676   | 13,09                    | 12,49    | 1,0   | 1,0      |
|                | 2016.  | 104,950              | 103,900  | 15,42               | 15,14    | 13,811                          | 13,168   | 16,199                              | 15,731   | 13,14                    | 12,67    | 1,0   | 1,0      |
|                | ☒      | 93,950               | 93,575   | 15,52               | 15,18    | 12,334                          | 11,781   | 14,582                              | 14,203   | 13,12                    | 12,58    | 1,0   | 1,0      |
| S.Mitrovica    | 2015.  | 106,475              | 119,850  | 15,41               | 15,50    | 13,853                          | 15,565   | 16,399                              | 18,567   | 13,02                    | 13,00    | 1,7   | 1,4      |
| Sombor         | 2015.  | 100,738              | 103,825  | 14,97               | 14,61    | 12,658                          | 12,434   | 15,083                              | 15,175   | 12,57                    | 11,97    | 2,0   | 2,0      |
|                | 2016.  | 86,788               | 88,553   | 14,99               | 14,06    | 11,263                          | 10,591   | 13,007                              | 12,456   | 12,98                    | 11,96    | 1,5   | 2,0      |
|                | ☒      | 93,763               | 96,189   | 14,98               | 14,34    | 11,961                          | 11,512   | 14,045                              | 13,816   | 12,77                    | 11,97    | 1,8   | 2,0      |
| ☒ (2015-2016.) |        | 90,878 <sup>o</sup>  | 90,553   | 15,31 <sup>++</sup> | 14,91    | 11,775                          | 11,266   | 13,906                              | 13,535   | 12,97                    | 12,42    | 1,9   | 2,2      |
| Isd            | 0.05   | 2,942                |          | 0,14                |          |                                 |          |                                     |          |                          |          |   |          |
|                | 0.01   | 3,871                |          | 0,19                |          |                                 |          |                                     |          |                          |          |   |          |
| Cv             |        | 7,00                 |          | 2,00                |          |                                 |          |                                     |          |                          |          |   |          |



Tabela 2 - Proizvodna i tehnološka svojstva sorte 7

| Lokalitet      | Godina | Prinos korena (t/ha) |          | Sadržaj šećera (%)  |          | Prinos kristalnog šećera (t/ha) |          | Prinos polarizacionog šećera (t/ha) |          | Iskorišćenje na repu (%) |          | Stepen napada Cercospora beticola sacc. (ocena 1-5) |          |
|----------------|--------|----------------------|----------|---------------------|----------|---------------------------------|----------|-------------------------------------|----------|--------------------------|----------|---|----------|
|                |        | Sorta 7              | Prestige | Sorta 7             | Prestige | Sorta 7                         | Prestige | Sorta 7                             | Prestige | Sorta 7                  | Prestige | Sorta 7   | Prestige |
| Kikinda        | 2015.  | 73,400               | 76,775   | 17,31               | 17,12    | 10,725                          | 10,831   | 12,707                              | 13,139   | 14,61                    | 14,11    | 3,0   | 3,0      |
|                | 2016.  | 115,500              | 101,925  | 15,24               | 15,58    | 14,688                          | 13,490   | 17,612                              | 15,874   | 12,70                    | 13,24    | 2,0   | 2,0      |
|                | ☒      | 94,450               | 89,350   | 16,27               | 16,35    | 12,707                          | 12,160   | 15,160                              | 14,507   | 13,66                    | 13,68    | 2,5   | 2,5      |
| Novi Sad       | 2015.  | 65,375               | 66,025   | 14,50               | 14,43    | 8,034                           | 7,984    | 9,485                               | 9,520    | 12,28                    | 12,10    |   |          |
|                | 2016.  | 81,725               | 76,400   | 14,32               | 14,08    | 10,079                          | 9,121    | 11,701                              | 10,752   | 12,33                    | 11,94    | 3,0   | 2,5      |
|                | ☒      | 73,550               | 71,213   | 14,41               | 14,25    | 9,057                           | 8,552    | 10,593                              | 10,136   | 12,31                    | 12,02    | 3,0   | 2,5      |
| Pančevo        | 2015.  | 82,950               | 87,950   | 15,63               | 14,75    | 10,858                          | 10,582   | 12,964                              | 12,976   | 13,09                    | 12,03    | 1,0   | 1,0      |
|                | 2016.  | 104,950              | 101,200  | 15,42               | 15,15    | 13,811                          | 12,937   | 16,199                              | 15,323   | 13,14                    | 12,79    | 1,0   | 1,3      |
|                | ☒      | 93,950               | 94,575   | 15,52               | 14,95    | 12,334                          | 11,759   | 14,582                              | 14,150   | 13,12                    | 12,41    | 1,0   | 1,2      |
| S.Mitrovica    | 2015.  | 106,475              | 117,450  | 15,41               | 14,66    | 13,853                          | 14,338   | 16,399                              | 17,226   | 13,02                    | 12,19    | 1,7   | 1,7      |
| Sombor         | 2015.  | 100,738              | 105,738  | 14,97               | 14,05    | 12,658                          | 11,967   | 15,083                              | 14,850   | 12,57                    | 11,32    | 2,0   | 2,0      |
|                | 2016.  | 86,788               | 98,093   | 14,99               | 14,43    | 11,263                          | 12,198   | 13,007                              | 14,166   | 12,98                    | 12,43    | 1,5   | 2,3      |
|                | ☒      | 93,763               | 101,915  | 14,98               | 14,24    | 11,961                          | 12,083   | 14,045                              | 14,508   | 12,77                    | 11,87    | 1,8   | 2,1      |
| ☒ (2015-2016.) |        | 90,878 <sup>o</sup>  | 92,395   | 15,31 <sup>++</sup> | 14,91    | 11,775                          | 11,494   | 13,906                              | 13,759   | 12,97                    | 12,46    | 1,9   | 1,9      |
| Isd            | 0,05   | 2,942                |          | 0,14                |          |                                 |          |                                     |          |                          |          |   |          |
|                | 0,01   | 3,871                |          | 0,19                |          |                                 |          |                                     |          |                          |          |   |          |
| Cv             |        | 7,00                 |          | 2,00                |          |                                 |          |                                     |          |                          |          |   |          |

Tabela 1 - Proizvodna i tehnološka svojstva sorte 8

| Lokalitet      | Godina | Prinos korena (t/ha) |          | Sadržaj šećera (%) |          | Prinos kristalnog šećera (t/ha) |          | Prinos polarizacionog šećera (t/ha) |          | Iskorišćenje na repu (%) |          | Stepen napada Cercospora beticola sacc. (ocena 1-5) |          |
|----------------|--------|----------------------|----------|--------------------|----------|---------------------------------|----------|-------------------------------------|----------|--------------------------|----------|---|----------|
|                |        | Sorta 8              | Original | Sorta 8            | Original | Sorta 8                         | Original | Sorta 8                             | Original | Sorta 8                  | Original | Sorta 8   | Original |
| Kikinda        | 2015.  | 72,825               | 77,475   | 16,65              | 17,59    | 10,072                          | 11,351   | 12,123                              | 13,621   | 13,83                    | 14,65    | 4,0   | 4,0      |
|                | 2016.  | 110,650              | 105,475  | 14,74              | 14,75    | 13,431                          | 12,819   | 16,310                              | 15,561   | 12,13                    | 12,15    | 3,0   | 3,0      |
|                | ☒      | 91,738               | 91,475   | 15,69              | 16,17    | 11,752                          | 12,085   | 14,216                              | 14,591   | 12,98                    | 13,40    | 3,5   | 3,5      |
| Novi Sad       | 2015.  | 71,600               | 61,400   | 14,10              | 14,60    | 8,445                           | 7,505    | 10,087                              | 8,963    | 11,80                    | 12,23    |   |          |
|                | 2016.  | 84,175               | 71,250   | 14,11              | 12,73    | 10,118                          | 7,569    | 11,868                              | 9,069    | 12,03                    | 10,63    | 2,3   | 3,5      |
|                | ☒      | 77,888               | 66,325   | 14,10              | 13,67    | 9,281                           | 7,537    | 10,977                              | 9,016    | 11,91                    | 11,43    | 2,3   | 3,5      |
| Pančevo        | 2015.  | 79,975               | 83,250   | 14,38              | 15,23    | 9,334                           | 10,395   | 11,494                              | 12,676   | 11,68                    | 12,49    | 1,0   | 1,0      |
|                | 2016.  | 102,625              | 103,900  | 15,23              | 15,14    | 13,145                          | 13,168   | 15,654                              | 15,731   | 12,79                    | 12,67    | 1,3   | 1,0      |
|                | ☒      | 91,300               | 93,575   | 14,81              | 15,18    | 11,239                          | 11,781   | 13,574                              | 14,203   | 12,23                    | 12,58    | 1,2   | 1,0      |
| S.Mitrovica    | 2015.  | 111,575              | 119,850  | 14,85              | 15,50    | 13,828                          | 15,565   | 16,569                              | 18,567   | 12,40                    | 13,00    | 2,4   | 1,4      |
| Sombor         | 2015.  | 98,313               | 103,825  | 14,32              | 14,61    | 11,946                          | 12,434   | 14,068                              | 15,175   | 12,16                    | 11,97    | 1,8   | 2,0      |
|                | 2016.  | 94,055               | 88,553   | 14,65              | 14,06    | 11,865                          | 10,591   | 13,772                              | 12,456   | 12,61                    | 11,96    | 1,3   | 2,0      |
|                | ☒      | 96,184               | 96,189   | 14,48              | 14,34    | 11,905                          | 11,512   | 13,920                              | 13,816   | 12,39                    | 11,97    | 1,5   | 2,0      |
| ☒ (2015-2016.) |        | 91,755 <sup>o</sup>  | 90,553   | 14,78 <sup>o</sup> | 14,91    | 11,354                          | 11,266   | 13,549                              | 13,535   | 12,38                    | 12,42    | 2,0   | 2,2      |
| Isd            | 0.05   | 2,942                |          | 0,14               |          |                                 |          |                                     |          |                          |          |   |          |
|                | 0.01   | 3,871                |          | 0,19               |          |                                 |          |                                     |          |                          |          |   |          |
| Cv             |        | 7,00                 |          | 2,00               |          |                                 |          |                                     |          |                          |          |   |          |

Tabela 2 - Proizvodna i tehnološka svojstva sorte 8 na zemljištu zaraženom nematodama

| Lokalitet      | Godina | Prinos korena (t/ha) |        | Sadržaj šećera (%) |       | Prinos kristalnog šećera (t/ha) |        | Prinos polarizacionog šećera (t/ha) |        | Iskorišćenje na repu (%) |       | Stepen napada Cercospora beticola sacc. (ocena 1-5) |       |
|----------------|--------|----------------------|--------|--------------------|-------|---------------------------------|--------|-------------------------------------|--------|--------------------------|-------|---|-------|
|                |        | Sorta 8              | Bruna  | Sorta 8            | Bruna | Sorta 8                         | Bruna  | Sorta 8                             | Bruna  | Sorta 8                  | Bruna | Sorta 8   | Bruna |
| Kikinda        | 2015.  | 100,750              | 79,250 | 14,00              | 14,64 | 11,773                          | 9,942  | 14,101                              | 11,615 | 11,69                    | 12,53 | 3,0   | 4,5   |
|                | 2016.  | 90,750               | 81,500 | 14,77              | 15,23 | 11,070                          | 10,542 | 13,383                              | 12,390 | 12,22                    | 12,96 | 3,5   | 3,3   |
|                | ☒      | 95,750               | 80,375 | 14,38              | 14,94 | 11,422                          | 10,242 | 13,742                              | 12,002 | 11,96                    | 12,74 | 3,3   | 3,9   |
| Sombor         | 2015.  | 72,700               | 72,763 | 13,86              | 15,49 | 8,282                           | 9,481  | 10,097                              | 11,278 | 11,36                    | 13,02 | 1,5   | 1,5   |
| ☒ (2015-2016.) |        | 88.067 <sup>+</sup>  | 77,838 | 14.21 <sup>-</sup> | 15,12 | 10,375                          | 9,989  | 12,527                              | 11,761 | 11,76                    | 12,84 | 3,1   | 3,6   |
| Isd            | 0.05   | 7,794                |        | 0,36               |       |                                 |        |                                     |        |                          |       |   |       |
|                | 0.01   | 10,379               |        | 0,48               |       |                                 |        |                                     |        |                          |       |   |       |
| Cv             |        | 11,40                |        | 3,09               |       |                                 |        |                                     |        |                          |       |   |       |

Tabela 1 - Proizvodna i tehnološka svojstva sorte 9

| Lokalitet      | Godina | Prinos korena (t/ha) |          | Sadržaj šećera (%)  |          | Prinos kristalnog šećera (t/ha) |          | Prinos polarizacionog šećera (t/ha) |          | Iskorišćenje na repu (%) |          | Stepen napada Cercospora beticola sacc. (ocena 1-5) |          |
|----------------|--------|----------------------|----------|---------------------|----------|---------------------------------|----------|-------------------------------------|----------|--------------------------|----------|---|----------|
|                |        | Sorta 9              | Original | Sorta 9             | Original | Sorta 9                         | Original | Sorta 9                             | Original | Sorta 9                  | Original | Sorta 9   | Original |
| Kikinda        | 2015.  | 73,900               | 77,475   | 17,22               | 17,59    | 10,662                          | 11,351   | 12,716                              | 13,621   | 14,44                    | 14,65    | 4,0   | 4,0      |
|                | 2016.  | 110,350              | 105,475  | 15,26               | 14,75    | 14,031                          | 12,819   | 16,831                              | 15,561   | 12,72                    | 12,15    | 2,0   | 3,0      |
|                | ☒      | 92,125               | 91,475   | 16,24               | 16,17    | 12,346                          | 12,085   | 14,774                              | 14,591   | 13,58                    | 13,40    | 3,0   | 3,5      |
| Novi Sad       | 2015.  | 64,700               | 61,400   | 14,12               | 14,60    | 7,604                           | 7,505    | 9,129                               | 8,963    | 11,76                    | 12,23    |   |          |
|                | 2016.  | 87,600               | 71,250   | 14,25               | 12,73    | 10,621                          | 7,569    | 12,490                              | 9,069    | 12,11                    | 10,63    | 3,0   | 3,5      |
|                | ☒      | 76,150               | 66,325   | 14,18               | 13,67    | 9,112                           | 7,537    | 10,809                              | 9,016    | 11,94                    | 11,43    | 3,0   | 3,5      |
| Pančevo        | 2015.  | 87,325               | 83,250   | 14,98               | 15,23    | 10,729                          | 10,395   | 13,069                              | 12,676   | 12,29                    | 12,49    | 1,0   | 1,0      |
|                | 2016.  | 94,400               | 103,900  | 15,29               | 15,14    | 12,185                          | 13,168   | 14,432                              | 15,731   | 12,91                    | 12,67    | 1,0   | 1,0      |
|                | ☒      | 90,863               | 93,575   | 15,13               | 15,18    | 11,457                          | 11,781   | 13,751                              | 14,203   | 12,60                    | 12,58    | 1,0   | 1,0      |
| S.Mitrovica    | 2015.  | 115,625              | 119,850  | 15,39               | 15,50    | 14,880                          | 15,565   | 17,792                              | 18,567   | 12,87                    | 13,00    | 2,0   | 1,4      |
| Sombor         | 2015.  | 96,425               | 103,825  | 14,64               | 14,61    | 11,937                          | 12,434   | 14,122                              | 15,175   | 12,37                    | 11,97    | 1,8   | 2,0      |
|                | 2016.  | 88,848               | 88,553   | 14,95               | 14,06    | 11,429                          | 10,591   | 13,284                              | 12,456   | 12,86                    | 11,96    | 1,3   | 2,0      |
|                | ☒      | 92,636               | 96,189   | 14,80               | 14,34    | 11,683                          | 11,512   | 13,703                              | 13,816   | 12,62                    | 11,97    | 1,5   | 2,0      |
| ☒ (2015-2016.) |        | 91,019 <sup>o</sup>  | 90,553   | 15,12 <sup>++</sup> | 14,91    | 11,564                          | 11,266   | 13,763                              | 13,535   | 12,70                    | 12,42    | 2,0   | 2,2      |
| Isd            | 0.05   | 2,942                |          | 0,14                |          |                                 |          |                                     |          |                          |          |   |          |
|                | 0.01   | 3,871                |          | 0,19                |          |                                 |          |                                     |          |                          |          |   |          |
| Cv             |        | 7,00                 |          | 2,00                |          |                                 |          |                                     |          |                          |          |   |          |

Tabela 1 - Proizvodna i tehnološka svojstva sorte 10

| Lokalitet      | Godina | Prinos korena (t/ha) |          | Sadržaj šećera (%) |          | Prinos kristalnog šećera (t/ha) |          | Prinos polarizacionog šećera (t/ha) |          | Iskorišćenje na repu (%) |          | Stepen napada Cercospora beticola sacc. (ocena 1-5) |          |
|----------------|--------|----------------------|----------|--------------------|----------|---------------------------------|----------|-------------------------------------|----------|--------------------------|----------|---|----------|
|                |        | Sorta 10             | Original | Sorta 10           | Original | Sorta 10                        | Original | Sorta 10                            | Original | Sorta 10                 | Original | Sorta 10  | Original |
| Kikinda        | 2015.  | 74,025               | 77,475   | 17,15              | 17,59    | 10,614                          | 11,351   | 12,690                              | 13,621   | 14,35                    | 14,65    | 4,0   | 4,0      |
|                | 2016.  | 104,625              | 105,475  | 15,17              | 14,75    | 13,218                          | 12,819   | 15,871                              | 15,561   | 12,64                    | 12,15    | 3,0   | 3,0      |
|                | ☒      | 89,325               | 91,475   | 16,16              | 16,17    | 11,916                          | 12,085   | 14,280                              | 14,591   | 13,49                    | 13,40    | 3,5   | 3,5      |
| Novi Sad       | 2015.  | 69,925               | 61,400   | 14,25              | 14,60    | 8,348                           | 7,505    | 9,964                               | 8,963    | 11,94                    | 12,23    |   |          |
|                | 2016.  | 82,125               | 71,250   | 14,17              | 12,73    | 9,908                           | 7,569    | 11,618                              | 9,069    | 12,09                    | 10,63    | 3,3   | 3,5      |
|                | ☒      | 76,025               | 66,325   | 14,21              | 13,67    | 9,128                           | 7,537    | 10,791                              | 9,016    | 12,01                    | 11,43    | 3,3   | 3,5      |
| Pančevo        | 2015.  | 84,375               | 83,250   | 14,75              | 15,23    | 10,381                          | 10,395   | 12,448                              | 12,676   | 12,29                    | 12,49    | 1,0   | 1,0      |
|                | 2016.  | 104,400              | 103,900  | 14,99              | 15,14    | 13,159                          | 13,168   | 15,633                              | 15,731   | 12,62                    | 12,67    | 1,5   | 1,0      |
|                | ☒      | 94,388               | 93,575   | 14,87              | 15,18    | 11,770                          | 11,781   | 14,041                              | 14,203   | 12,46                    | 12,58    | 1,4   | 1,0      |
| S.Mitrovica    | 2015.  | 109,975              | 119,850  | 15,35              | 15,50    | 14,186                          | 15,565   | 16,892                              | 18,567   | 12,89                    | 13,00    | 2,4   | 1,4      |
| Sombor         | 2015.  | 108,775              | 103,825  | 14,23              | 14,61    | 13,017                          | 12,434   | 15,473                              | 15,175   | 11,97                    | 11,97    | 2,5   | 2,0      |
|                | 2016.  | 101,500              | 88,553   | 14,51              | 14,06    | 12,649                          | 10,591   | 14,727                              | 12,456   | 12,46                    | 11,96    | 2,0   | 2,0      |
|                | ☒      | 105,138              | 96,189   | 14,37              | 14,34    | 12,833                          | 11,512   | 15,100                              | 13,816   | 12,22                    | 11,97    | 2,3   | 2,0      |
| ☒ (2015-2016.) |        | 93,303 <sup>o</sup>  | 90,553   | 14,95 <sup>o</sup> | 14,91    | 11,720                          | 11,266   | 13,924                              | 13,535   | 12,58                    | 12,42    | 2,4   | 2,2      |
| Isd            | 0.05   | 2,942                |          | 0,14               |          |                                 |          |                                     |          |                          |          |   |          |
|                | 0.01   | 3,871                |          | 0,19               |          |                                 |          |                                     |          |                          |          |   |          |
| Cv             |        | 7,00                 |          | 2,00               |          |                                 |          |                                     |          |                          |          |   |          |

Tabela 2 - Proizvodna i tehnološka svojstva sorte 10 na zemljištu zaraženom nematodama

| Lokalitet      | Godina | Prinos korena (t/ha) |        | Sadržaj šećera (%) |       | Prinos kristalnog šećera (t/ha) |        | Prinos polarizacionog šećera (t/ha) |        | Iskorišćenje na repu (%) |       | Stepen napada Cercospora beticola sacc. (ocena 1-5) |       |
|----------------|--------|----------------------|--------|--------------------|-------|---------------------------------|--------|-------------------------------------|--------|--------------------------|-------|---|-------|
|                |        | Sorta 10             | Bruna  | Sorta 10           | Bruna | Sorta 10                        | Bruna  | Sorta 10                            | Bruna  | Sorta 10                 | Bruna | Sorta 10  | Bruna |
| Kikinda        | 2015.  | 91,250               | 79,250 | 14,00              | 14,64 | 10,767                          | 9,942  | 12,759                              | 11,615 | 11,81                    | 12,53 | 3,0   | 4,5   |
|                | 2016.  | 98,000               | 81,500 | 15,66              | 15,23 | 12,778                          | 10,542 | 15,348                              | 12,390 | 13,03                    | 12,96 | 3,3   | 3,3   |
|                | ☒      | 94,625               | 80,375 | 14,83              | 14,94 | 11,773                          | 10,242 | 14,054                              | 12,002 | 12,42                    | 12,74 | 3,1   | 3,9   |
| Sombor         | 2015.  | 75,475               | 72,763 | 13,14              | 15,49 | 8,074                           | 9,481  | 9,913                               | 11,278 | 10,70                    | 13,02 | 2,0   | 1,5   |
| ☒ (2015-2016.) |        | 88.242 <sup>++</sup> | 77,838 | 14.26 <sup>~</sup> | 15,12 | 10,540                          | 9,989  | 12,673                              | 11,761 | 11,85                    | 12,84 | 3,0   | 3,6   |
| Isd            | 0.05   | 7,794                |        | 0,36               |       |                                 |        |                                     |        |                          |       |   |       |
|                | 0.01   | 10,379               |        | 0,48               |       |                                 |        |                                     |        |                          |       |   |       |
| Cv             |        | 11,40                |        | 3,09               |       |                                 |        |                                     |        |                          |       |   |       |

Tabela 1 - Proizvodna i tehnološka svojstva sorte 11

| Lokalitet      | Godina | Prinos korena (t/ha) |          | Sadržaj šećera (%)  |          | Prinos kristalnog šećera (t/ha) |          | Prinos polarizacionog šećera (t/ha) |          | Iskorišćenje na repu (%) |          | Stepen napada Cercospora beticola sacc. (ocena 1-5) |          |
|----------------|--------|----------------------|----------|---------------------|----------|---------------------------------|----------|-------------------------------------|----------|--------------------------|----------|---|----------|
|                |        | Sorta 11             | Original | Sorta 11            | Original | Sorta 11                        | Original | Sorta 11                            | Original | Sorta 11                 | Original | Sorta 11  | Original |
| Kikinda        | 2015.  | 75,000               | 77,475   | 17,48               | 17,59    | 10,990                          | 11,351   | 13,107                              | 13,621   | 14,66                    | 14,65    | 4,0   | 4,0      |
|                | 2016.  | 101,975              | 105,475  | 16,31               | 14,75    | 14,085                          | 12,819   | 16,627                              | 15,561   | 13,82                    | 12,15    | 2,0   | 3,0      |
|                | ☒      | 88,488               | 91,475   | 16,90               | 16,17    | 12,538                          | 12,085   | 14,867                              | 14,591   | 14,24                    | 13,40    | 3,0   | 3,5      |
| Novi Sad       | 2015.  | 63,225               | 61,400   | 14,38               | 14,60    | 7,669                           | 7,505    | 9,084                               | 8,963    | 12,14                    | 12,23    |   |          |
|                | 2016.  | 82,150               | 71,250   | 14,28               | 12,73    | 10,125                          | 7,569    | 11,738                              | 9,069    | 12,32                    | 10,63    | 2,8   | 3,5      |
|                | ☒      | 72,688               | 66,325   | 14,33               | 13,67    | 8,897                           | 7,537    | 10,411                              | 9,016    | 12,23                    | 11,43    | 2,8   | 3,5      |
| Pančevo        | 2015.  | 81,125               | 83,250   | 15,10               | 15,23    | 10,264                          | 10,395   | 12,264                              | 12,676   | 12,63                    | 12,49    | 1,0   | 1,0      |
|                | 2016.  | 104,550              | 103,900  | 15,38               | 15,14    | 13,668                          | 13,168   | 16,085                              | 15,731   | 13,07                    | 12,67    | 1,0   | 1,0      |
|                | ☒      | 92,838               | 93,575   | 15,24               | 15,18    | 11,966                          | 11,781   | 14,175                              | 14,203   | 12,85                    | 12,58    | 1,0   | 1,0      |
| S.Mitrovica    | 2015.  | 114,775              | 119,850  | 14,80               | 15,50    | 14,245                          | 15,565   | 16,975                              | 18,567   | 12,42                    | 13,00    | 1,7   | 1,4      |
| Sombor         | 2015.  | 96,088               | 103,825  | 14,50               | 14,61    | 12,029                          | 12,434   | 13,934                              | 15,175   | 12,52                    | 11,97    | 2,0   | 2,0      |
|                | 2016.  | 82,963               | 88,553   | 14,19               | 14,06    | 10,127                          | 10,591   | 11,772                              | 12,456   | 12,21                    | 11,96    | 2,0   | 2,0      |
|                | ☒      | 89,525               | 96,189   | 14,35               | 14,34    | 11,078                          | 11,512   | 12,853                              | 13,816   | 12,36                    | 11,97    | 2,0   | 2,0      |
| ☒ (2015-2016.) |        | 89,094 <sup>o</sup>  | 90,553   | 15,16 <sup>++</sup> | 14,91    | 11,467                          | 11,266   | 13,510                              | 13,535   | 12,86                    | 12,42    | 2,0   | 2,2      |
| Isd            | 0.05   | 2,942                |          | 0,14                |          |                                 |          |                                     |          |                          |          |   |          |
|                | 0.01   | 3,871                |          | 0,19                |          |                                 |          |                                     |          |                          |          |   |          |
| Cv             |        | 7,00                 |          | 2,00                |          |                                 |          |                                     |          |                          |          |   |          |

Tabela 2 - Proizvodna i tehnološka svojstva sorte 11

| Lokalitet      | Godina | Prinos korena (t/ha) |          | Sadržaj šećera (%)  |          | Prinos kristalnog šećera (t/ha) |          | Prinos polarizacionog šećera (t/ha) |          | Iskorišćenje na repu (%) |          | Stepen napada Cercospora beticola sacc. (ocena 1-5) |          |
|----------------|--------|----------------------|----------|---------------------|----------|---------------------------------|----------|-------------------------------------|----------|--------------------------|----------|---|----------|
|                |        | Sorta 11             | Prestige | Sorta 11            | Prestige | Sorta 11                        | Prestige | Sorta 11                            | Prestige | Sorta 11                 | Prestige | Sorta 11  | Prestige |
| Kikinda        | 2015.  | 75,000               | 76,775   | 17,48               | 17,12    | 10,990                          | 10,831   | 13,107                              | 13,139   | 14,66                    | 14,11    | 4,0   | 3,0      |
|                | 2016.  | 101,975              | 101,925  | 16,31               | 15,58    | 14,085                          | 13,490   | 16,627                              | 15,874   | 13,82                    | 13,24    | 2,0   | 2,0      |
|                | ☒      | 88,488               | 89,350   | 16,90               | 16,35    | 12,538                          | 12,160   | 14,867                              | 14,507   | 14,24                    | 13,68    | 3,0   | 2,5      |
| Novi Sad       | 2015.  | 63,225               | 66,025   | 14,38               | 14,43    | 7,669                           | 7,984    | 9,084                               | 9,520    | 12,14                    | 12,10    |   |          |
|                | 2016.  | 82,150               | 76,400   | 14,28               | 14,08    | 10,125                          | 9,121    | 11,738                              | 10,752   | 12,32                    | 11,94    | 2,8   | 2,5      |
|                | ☒      | 72,688               | 71,213   | 14,33               | 14,25    | 8,897                           | 8,552    | 10,411                              | 10,136   | 12,23                    | 12,02    | 2,8   | 2,5      |
| Pančevo        | 2015.  | 81,125               | 87,950   | 15,10               | 14,75    | 10,264                          | 10,582   | 12,264                              | 12,976   | 12,63                    | 12,03    | 1,0   | 1,0      |
|                | 2016.  | 104,550              | 101,200  | 15,38               | 15,15    | 13,668                          | 12,937   | 16,085                              | 15,323   | 13,07                    | 12,79    | 1,0   | 1,3      |
|                | ☒      | 92,838               | 94,575   | 15,24               | 14,95    | 11,966                          | 11,759   | 14,175                              | 14,150   | 12,85                    | 12,41    | 1,0   | 1,2      |
| S.Mitrovica    | 2015.  | 114,775              | 117,450  | 14,80               | 14,66    | 14,245                          | 14,338   | 16,975                              | 17,226   | 12,42                    | 12,19    | 1,7   | 1,7      |
| Sombor         | 2015.  | 96,088               | 105,738  | 14,50               | 14,05    | 12,029                          | 11,967   | 13,934                              | 14,850   | 12,52                    | 11,32    | 2,0   | 2,0      |
|                | 2016.  | 82,963               | 98,093   | 14,19               | 14,43    | 10,127                          | 12,198   | 11,772                              | 14,166   | 12,21                    | 12,43    | 2,0   | 2,3      |
|                | ☒      | 89,525               | 101,915  | 14,35               | 14,24    | 11,078                          | 12,083   | 12,853                              | 14,508   | 12,36                    | 11,87    | 2,0   | 2,1      |
| ☒ (2015-2016.) |        | 89,094 <sup>-</sup>  | 92,395   | 15,16 <sup>++</sup> | 14,91    | 11,467                          | 11,494   | 13,510                              | 13,759   | 12,86                    | 12,46    | 2,0   | 1,9      |
| Isd            | 0.05   | 2,942                |          | 0,14                |          |                                 |          |                                     |          |                          |          |   |          |
|                | 0.01   | 3,871                |          | 0,19                |          |                                 |          |                                     |          |                          |          |   |          |
| Cv             |        | 7,00                 |          | 2,00                |          |                                 |          |                                     |          |                          |          |   |          |



Tabela 1 - Proizvodna i tehnološka svojstva sorte 12

| Lokalitet      | Godina | Prinos korena (t/ha) |          | Sadržaj šećera (%)  |          | Prinos kristalnog šećera (t/ha) |          | Prinos polarizacionog šećera (t/ha) |          | Iskorišćenje na repu (%) |          | Stepen napada Cercospora beticola sacc. (ocena 1-5) |          |
|----------------|--------|----------------------|----------|---------------------|----------|---------------------------------|----------|-------------------------------------|----------|--------------------------|----------|---|----------|
|                |        | Sorta 12             | Original | Sorta 12            | Original | Sorta 12                        | Original | Sorta 12                            | Original | Sorta 12                 | Original | Sorta 12  | Original |
| Kikinda        | 2015.  | 79,325               | 77,475   | 17,86               | 17,59    | 11,846                          | 11,351   | 14,174                              | 13,621   | 14,93                    | 14,65    | 3,0   | 4,0      |
|                | 2016.  | 94,700               | 105,475  | 15,89               | 14,75    | 12,588                          | 12,819   | 15,044                              | 15,561   | 13,30                    | 12,15    | 3,0   | 3,0      |
|                | ☒      | 87,013               | 91,475   | 16,87               | 16,17    | 12,217                          | 12,085   | 14,609                              | 14,591   | 14,11                    | 13,40    | 3,0   | 3,5      |
| Novi Sad       | 2015.  | 67,600               | 61,400   | 14,31               | 14,60    | 8,025                           | 7,505    | 9,674                               | 8,963    | 11,88                    | 12,23    |   |          |
|                | 2016.  | 69,700               | 71,250   | 13,71               | 12,73    | 8,139                           | 7,569    | 9,558                               | 9,069    | 11,68                    | 10,63    | 2,8   | 3,5      |
|                | ☒      | 68,650               | 66,325   | 14,01               | 13,67    | 8,082                           | 7,537    | 9,616                               | 9,016    | 11,78                    | 11,43    | 2,8   | 3,5      |
| Pančevo        | 2015.  | 84,100               | 83,250   | 15,34               | 15,23    | 10,852                          | 10,395   | 12,905                              | 12,676   | 12,90                    | 12,49    | 1,0   | 1,0      |
|                | 2016.  | 97,525               | 103,900  | 15,59               | 15,14    | 12,772                          | 13,168   | 15,188                              | 15,731   | 13,12                    | 12,67    | 1,5   | 1,0      |
|                | ☒      | 90,813               | 93,575   | 15,47               | 15,18    | 11,812                          | 11,781   | 14,047                              | 14,203   | 13,01                    | 12,58    | 1,4   | 1,0      |
| S.Mitrovica    | 2015.  | 116,250              | 119,850  | 15,22               | 15,50    | 14,978                          | 15,565   | 17,680                              | 18,567   | 12,89                    | 13,00    | 1,6   | 1,4      |
| Sombor         | 2015.  | 98,938               | 103,825  | 14,47               | 14,61    | 12,146                          | 12,434   | 14,334                              | 15,175   | 12,26                    | 11,97    | 1,5   | 2,0      |
|                | 2016.  | 92,098               | 88,553   | 14,62               | 14,06    | 11,624                          | 10,591   | 13,477                              | 12,456   | 12,61                    | 11,96    | 1,8   | 2,0      |
|                | ☒      | 95,518               | 96,189   | 14,55               | 14,34    | 11,885                          | 11,512   | 13,905                              | 13,816   | 12,43                    | 11,97    | 1,6   | 2,0      |
| ☒ (2015-2016.) |        | 88,915 <sup>o</sup>  | 90,553   | 15,22 <sup>++</sup> | 14,91    | 11,441                          | 11,266   | 13,559                              | 13,535   | 12,84                    | 12,42    | 2,1   | 2,2      |
| lsd            | 0.05   | 2,942                |          | 0,14                |          |                                 |          |                                     |          |                          |          |   |          |
|                | 0.01   | 3,871                |          | 0,19                |          |                                 |          |                                     |          |                          |          |   |          |
| Cv             |        | 7,00                 |          | 2,00                |          |                                 |          |                                     |          |                          |          |   |          |

Tabela 1 - Proizvodna i tehnološka svojstva sorte 13

| Lokalitet      | Godina | Prinos korena (t/ha) |          | Sadržaj šećera (%)  |          | Prinos kristalnog šećera (t/ha) |          | Prinos polarizacionog šećera (t/ha) |          | Iskorišćenje na repu (%) |          | Stepen napada Cercospora beticola sacc. (ocena 1-5) |          |
|----------------|--------|----------------------|----------|---------------------|----------|---------------------------------|----------|-------------------------------------|----------|--------------------------|----------|---|----------|
|                |        | Sorta 13             | Original | Sorta 13            | Original | Sorta 13                        | Original | Sorta 13                            | Original | Sorta 13                 | Original | Sorta 13  | Original |
| Kikinda        | 2015.  | 85,025               | 77,475   | 18,05               | 17,59    | 12,975                          | 11,351   | 15,348                              | 13,621   | 15,26                    | 14,65    | 4,0   | 4,0      |
|                | 2016.  | 117,950              | 105,475  | 15,78               | 14,75    | 15,568                          | 12,819   | 18,601                              | 15,561   | 13,20                    | 12,15    | 4,0   | 3,0      |
|                | ☒      | 101,488              | 91,475   | 16,91               | 16,17    | 14,271                          | 12,085   | 16,974                              | 14,591   | 14,23                    | 13,40    | 4,0   | 3,5      |
| Novi Sad       | 2015.  | 80,625               | 61,400   | 14,27               | 14,60    | 9,720                           | 7,505    | 11,502                              | 8,963    | 12,06                    | 12,23    |   |          |
|                | 2016.  | 88,100               | 71,250   | 13,58               | 12,73    | 10,164                          | 7,569    | 11,964                              | 9,069    | 11,54                    | 10,63    | 3,3   | 3,5      |
|                | ☒      | 84,363               | 66,325   | 13,92               | 13,67    | 9,942                           | 7,537    | 11,733                              | 9,016    | 11,80                    | 11,43    | 3,3   | 3,5      |
| Pančevo        | 2015.  | 73,025               | 83,250   | 15,79               | 15,23    | 9,763                           | 10,395   | 11,526                              | 12,676   | 13,37                    | 12,49    | 1,0   | 1,0      |
|                | 2016.  | 106,625              | 103,900  | 15,22               | 15,14    | 13,540                          | 13,168   | 16,220                              | 15,731   | 12,71                    | 12,67    | 1,0   | 1,0      |
|                | ☒      | 89,825               | 93,575   | 15,50               | 15,18    | 11,652                          | 11,781   | 13,873                              | 14,203   | 13,04                    | 12,58    | 1,0   | 1,0      |
| S.Mitrovica    | 2015.  | 126,350              | 119,850  | 15,31               | 15,50    | 16,466                          | 15,565   | 19,334                              | 18,567   | 13,04                    | 13,00    | 2,1   | 1,4      |
| Sombor         | 2015.  | 107,163              | 103,825  | 14,13               | 14,61    | 12,986                          | 12,434   | 15,150                              | 15,175   | 12,11                    | 11,97    | 2,0   | 2,0      |
|                | 2016.  | 102,523              | 88,553   | 14,38               | 14,06    | 12,675                          | 10,591   | 14,742                              | 12,456   | 12,36                    | 11,96    | 2,8   | 2,0      |
|                | ☒      | 104,843              | 96,189   | 14,25               | 14,34    | 12,830                          | 11,512   | 14,946                              | 13,816   | 12,23                    | 11,97    | 2,4   | 2,0      |
| ☒ (2015-2016.) |        | 98,598 <sup>++</sup> | 90,553   | 15,17 <sup>++</sup> | 14,91    | 12,651                          | 11,266   | 14,932                              | 13,535   | 12,85                    | 12,42    | 2,3   | 2,2      |
| Isd            | 0.05   | 2,942                |          | 0,14                |          |                                 |          |                                     |          |                          |          |   |          |
|                | 0.01   | 3,871                |          | 0,19                |          |                                 |          |                                     |          |                          |          |   |          |
| Cv             |        | 7,00                 |          | 2,00                |          |                                 |          |                                     |          |                          |          |   |          |

Tabela 1 - Proizvodna i tehnološka svojstva sorte 14

| Lokalitet      | Godina | Prinos korena (t/ha) |          | Sadržaj šećera (%)  |          | Prinos kristalnog šećera (t/ha) |          | Prinos polarizacionog šećera (t/ha) |          | Iskorišćenje na repu (%) |          | Stepen napada Cercospora beticola sacc. (ocena 1-5) |          |
|----------------|--------|----------------------|----------|---------------------|----------|---------------------------------|----------|-------------------------------------|----------|--------------------------|----------|---|----------|
|                |        | Sorta 14             | Original | Sorta 14            | Original | Sorta 14                        | Original | Sorta 14                            | Original | Sorta 14                 | Original | Sorta 14  | Original |
| Kikinda        | 2015.  | 74,850               | 77,475   | 18,38               | 17,59    | 11,617                          | 11,351   | 13,752                              | 13,621   | 15,52                    | 14,65    | 4,0   | 4,0      |
|                | 2016.  | 104,175              | 105,475  | 15,54               | 14,75    | 13,553                          | 12,819   | 16,186                              | 15,561   | 13,01                    | 12,15    | 4,0   | 3,0      |
|                | ☒      | 89,513               | 91,475   | 16,96               | 16,17    | 12,585                          | 12,085   | 14,969                              | 14,591   | 14,27                    | 13,40    | 4,0   | 3,5      |
| Novi Sad       | 2015.  | 65,450               | 61,400   | 14,18               | 14,60    | 7,729                           | 7,505    | 9,277                               | 8,963    | 11,81                    | 12,23    |   |          |
|                | 2016.  | 73,825               | 71,250   | 13,31               | 12,73    | 8,346                           | 7,569    | 9,830                               | 9,069    | 11,30                    | 10,63    | 2,8   | 3,5      |
|                | ☒      | 69,638               | 66,325   | 13,74               | 13,67    | 8,037                           | 7,537    | 9,553                               | 9,016    | 11,56                    | 11,43    | 2,8   | 3,5      |
| Pančevo        | 2015.  | 87,800               | 83,250   | 15,37               | 15,23    | 11,364                          | 10,395   | 13,490                              | 12,676   | 12,95                    | 12,49    | 1,0   | 1,0      |
|                | 2016.  | 107,125              | 103,900  | 15,73               | 15,14    | 14,103                          | 13,168   | 16,828                              | 15,731   | 13,19                    | 12,67    | 1,3   | 1,0      |
|                | ☒      | 97,463               | 93,575   | 15,55               | 15,18    | 12,734                          | 11,781   | 15,159                              | 14,203   | 13,07                    | 12,58    | 1,2   | 1,0      |
| S.Mitrovica    | 2015.  | 121,550              | 119,850  | 15,38               | 15,50    | 15,829                          | 15,565   | 18,687                              | 18,567   | 13,03                    | 13,00    | 1,2   | 1,4      |
| Sombor         | 2015.  | 103,525              | 103,825  | 14,19               | 14,61    | 12,440                          | 12,434   | 14,701                              | 15,175   | 12,01                    | 11,97    | 1,8   | 2,0      |
|                | 2016.  | 89,233               | 88,553   | 14,32               | 14,06    | 11,027                          | 10,591   | 12,783                              | 12,456   | 12,35                    | 11,96    | 1,5   | 2,0      |
|                | ☒      | 96,379               | 96,189   | 14,26               | 14,34    | 11,733                          | 11,512   | 13,742                              | 13,816   | 12,18                    | 11,97    | 1,6   | 2,0      |
| ☒ (2015-2016.) |        | 91,948 <sup>o</sup>  | 90,553   | 15,16 <sup>++</sup> | 14,91    | 11,779                          | 11,266   | 13,948                              | 13,535   | 12,80                    | 12,42    | 2,1   | 2,2      |
| Isd            | 0.05   | 2,942                |          | 0,14                |          |                                 |          |                                     |          |                          |          |   |          |
|                | 0.01   | 3,871                |          | 0,19                |          |                                 |          |                                     |          |                          |          |   |          |
| Cv             |        | 7,00                 |          | 2,00                |          |                                 |          |                                     |          |                          |          |   |          |

Tabela 1 - Proizvodna i tehnološka svojstva sorte 15

| Lokalitet      | Godina | Prinos korena (t/ha) |          | Sadržaj šećera (%) |          | Prinos kristalnog šećera (t/ha) |          | Prinos polarizacionog šećera (t/ha) |          | Iskorišćenje na repu (%) |          | Stepen napada Cercospora beticola sacc. (ocena 1-5) |          |
|----------------|--------|----------------------|----------|--------------------|----------|---------------------------------|----------|-------------------------------------|----------|--------------------------|----------|---|----------|
|                |        | Sorta 15             | Original | Sorta 15           | Original | Sorta 15                        | Original | Sorta 15                            | Original | Sorta 15                 | Original | Sorta 15  | Original |
| Kikinda        | 2015.  | 70,150               | 77,475   | 16,84              | 17,59    | 9,784                           | 11,351   | 11,813                              | 13,621   | 13,95                    | 14,65    | 3,0   | 4,0      |
|                | 2016.  | 110,500              | 105,475  | 15,71              | 14,75    | 14,804                          | 12,819   | 17,357                              | 15,561   | 13,39                    | 12,15    | 3,0   | 3,0      |
|                | ☒      | 90,325               | 91,475   | 16,27              | 16,17    | 12,294                          | 12,085   | 14,585                              | 14,591   | 13,67                    | 13,40    | 3,0   | 3,5      |
| Novi Sad       | 2015.  | 77,525               | 61,400   | 14,27              | 14,60    | 9,272                           | 7,505    | 11,059                              | 8,963    | 11,97                    | 12,23    |   |          |
|                | 2016.  | 75,050               | 71,250   | 14,06              | 12,73    | 9,091                           | 7,569    | 10,533                              | 9,069    | 12,14                    | 10,63    | 3,5   | 3,5      |
|                | ☒      | 76,288               | 66,325   | 14,17              | 13,67    | 9,181                           | 7,537    | 10,796                              | 9,016    | 12,05                    | 11,43    | 3,5   | 3,5      |
| Pančevo        | 2015.  | 72,350               | 83,250   | 14,46              | 15,23    | 8,606                           | 10,395   | 10,462                              | 12,676   | 11,89                    | 12,49    | 1,0   | 1,0      |
|                | 2016.  | 99,800               | 103,900  | 14,97              | 15,14    | 12,644                          | 13,168   | 14,939                              | 15,731   | 12,66                    | 12,67    | 1,0   | 1,0      |
|                | ☒      | 86,075               | 93,575   | 14,71              | 15,18    | 10,625                          | 11,781   | 12,700                              | 14,203   | 12,28                    | 12,58    | 1,0   | 1,0      |
| S.Mitrovica    | 2015.  | 107,575              | 119,850  | 14,59              | 15,50    | 13,134                          | 15,565   | 15,657                              | 18,567   | 12,25                    | 13,00    | 2,4   | 1,4      |
| Sombor         | 2015.  | 103,000              | 103,825  | 14,53              | 14,61    | 12,654                          | 12,434   | 14,943                              | 15,175   | 12,30                    | 11,97    | 2,8   | 2,0      |
|                | 2016.  | 97,690               | 88,553   | 14,64              | 14,06    | 12,289                          | 10,591   | 14,294                              | 12,456   | 12,59                    | 11,96    | 2,0   | 2,0      |
|                | ☒      | 100,345              | 96,189   | 14,58              | 14,34    | 12,471                          | 11,512   | 14,618                              | 13,816   | 12,44                    | 11,97    | 2,4   | 2,0      |
| ☒ (2015-2016.) |        | 90,404 <sup>o</sup>  | 90,553   | 14,90 <sup>o</sup> | 14,91    | 11,364                          | 11,266   | 13,451                              | 13,535   | 12,57                    | 12,42    | 2,3   | 2,2      |
| Isd            | 0.05   | 2,942                |          | 0,14               |          |                                 |          |                                     |          |                          |          |   |          |
|                | 0.01   | 3,871                |          | 0,19               |          |                                 |          |                                     |          |                          |          |   |          |
| Cv             |        | 7,00                 |          | 2,00               |          |                                 |          |                                     |          |                          |          |   |          |

Tabela 2 - Proizvodna i tehnološka svojstva sorte 15 na zemljištu zaraženom nematodama

| Lokalitet      | Godina | Prinos korena (t/ha) |        | Sadržaj šećera (%) |       | Prinos kristalnog šećera (t/ha) |        | Prinos polarizacionog šećera (t/ha) |        | Iskorišćenje na repu (%) |       | Stepen napada Cercospora beticola sacc. (ocena 1-5) |       |
|----------------|--------|----------------------|--------|--------------------|-------|---------------------------------|--------|-------------------------------------|--------|--------------------------|-------|---|-------|
|                |        | Sorta 15             | Bruna  | Sorta 15           | Bruna | Sorta 15                        | Bruna  | Sorta 15                            | Bruna  | Sorta 15                 | Bruna | Sorta 15  | Bruna |
| Kikinda        | 2015.  | 94,000               | 79,250 | 14,19              | 14,64 | 11,240                          | 9,942  | 13,356                              | 11,615 | 11,93                    | 12,53 | 2,8   | 4,5   |
|                | 2016.  | 102,500              | 81,500 | 15,63              | 15,23 | 13,535                          | 10,542 | 16,008                              | 12,390 | 13,21                    | 12,96 | 3,3   | 3,3   |
|                | ☒      | 98,250               | 80,375 | 14,91              | 14,94 | 12,387                          | 10,242 | 14,682                              | 12,002 | 12,57                    | 12,74 | 3,0   | 3,9   |
| Sombor         | 2015.  | 76,463               | 72,763 | 13,62              | 15,49 | 8,519                           | 9,481  | 10,425                              | 11,278 | 11,13                    | 13,02 | 1,5   | 1,5   |
| ☒ (2015-2016.) |        | 90.988 <sup>++</sup> | 77,838 | 14.48 <sup>-</sup> | 15,12 | 11,098                          | 9,989  | 13,263                              | 11,761 | 12,09                    | 12,84 | 2,8   | 3,6   |
| Isd            | 0.05   | 7,794                |        | 0,36               |       |                                 |        |                                     |        |                          |       |   |       |
|                | 0.01   | 10,379               |        | 0,48               |       |                                 |        |                                     |        |                          |       |   |       |
| Cv             |        | 11,40                |        | 3,09               |       |                                 |        |                                     |        |                          |       |   |       |

Tabela 1 - Proizvodna i tehnološka svojstva sorte 16

| Lokalitet      | Godina | Prinos korena (t/ha) |          | Sadržaj šećera (%)  |          | Prinos kristalnog šećera (t/ha) |          | Prinos polarizacionog šećera (t/ha) |          | Iskorišćenje na repu (%) |          | Stepen napada Cercospora beticola sacc. (ocena 1-5) |          |
|----------------|--------|----------------------|----------|---------------------|----------|---------------------------------|----------|-------------------------------------|----------|--------------------------|----------|---|----------|
|                |        | Sorta 16             | Original | Sorta 16            | Original | Sorta 16                        | Original | Sorta 16                            | Original | Sorta 16                 | Original | Sorta 16  | Original |
| Kikinda        | 2015.  | 68,425               | 77,475   | 17,91               | 17,59    | 10,276                          | 11,351   | 12,256                              | 13,621   | 15,02                    | 14,65    | 3,0   | 4,0      |
|                | 2016.  | 101,800              | 105,475  | 15,90               | 14,75    | 13,813                          | 12,819   | 16,189                              | 15,561   | 13,57                    | 12,15    | 3,0   | 3,0      |
|                | ☒      | 85,113               | 91,475   | 16,91               | 16,17    | 12,044                          | 12,085   | 14,223                              | 14,591   | 14,29                    | 13,40    | 3,0   | 3,5      |
| Novi Sad       | 2015.  | 72,025               | 61,400   | 14,48               | 14,60    | 8,735                           | 7,505    | 10,426                              | 8,963    | 12,14                    | 12,23    |   |          |
|                | 2016.  | 79,725               | 71,250   | 14,38               | 12,73    | 9,854                           | 7,569    | 11,458                              | 9,069    | 12,37                    | 10,63    | 3,0   | 3,5      |
|                | ☒      | 75,875               | 66,325   | 14,43               | 13,67    | 9,294                           | 7,537    | 10,942                              | 9,016    | 12,25                    | 11,43    | 3,0   | 3,5      |
| Pančevo        | 2015.  | 80,425               | 83,250   | 15,28               | 15,23    | 10,321                          | 10,395   | 12,292                              | 12,676   | 12,83                    | 12,49    | 1,0   | 1,0      |
|                | 2016.  | 95,450               | 103,900  | 15,15               | 15,14    | 12,142                          | 13,168   | 14,451                              | 15,731   | 12,73                    | 12,67    | 1,3   | 1,0      |
|                | ☒      | 87,938               | 93,575   | 15,22               | 15,18    | 11,231                          | 11,781   | 13,371                              | 14,203   | 12,78                    | 12,58    | 1,2   | 1,0      |
| S.Mitrovica    | 2015.  | 106,525              | 119,850  | 15,48               | 15,50    | 13,970                          | 15,565   | 16,486                              | 18,567   | 13,12                    | 13,00    | 1,5   | 1,4      |
| Sombor         | 2015.  | 92,100               | 103,825  | 14,72               | 14,61    | 11,517                          | 12,434   | 13,564                              | 15,175   | 12,49                    | 11,97    | 1,5   | 2,0      |
|                | 2016.  | 92,595               | 88,553   | 14,46               | 14,06    | 11,489                          | 10,591   | 13,386                              | 12,456   | 12,41                    | 11,96    | 1,5   | 2,0      |
|                | ☒      | 92,348               | 96,189   | 14,59               | 14,34    | 11,503                          | 11,512   | 13,475                              | 13,816   | 12,45                    | 11,97    | 1,5   | 2,0      |
| ☒ (2015-2016.) |        | 87,674 <sup>-</sup>  | 90,553   | 15,31 <sup>++</sup> | 14,91    | 11,346                          | 11,266   | 13,390                              | 13,535   | 12,96                    | 12,42    | 2,0   | 2,2      |
| Isd            | 0.05   | 2,942                |          | 0,14                |          |                                 |          |                                     |          |                          |          |   |          |
|                | 0.01   | 3,871                |          | 0,19                |          |                                 |          |                                     |          |                          |          |   |          |
| Cv             |        | 7,00                 |          | 2,00                |          |                                 |          |                                     |          |                          |          |   |          |

Tabela 2 - Proizvodna i tehnološka svojstva sorte 16

| Lokalitet      | Godina | Prinos korena (t/ha) |          | Sadržaj šećera (%)  |          | Prinos kristalnog šećera (t/ha) |          | Prinos polarizacionog šećera (t/ha) |          | Iskorišćenje na repu (%) |          | Stepen napada Cercospora beticola sacc. (ocena 1-5) |          |
|----------------|--------|----------------------|----------|---------------------|----------|---------------------------------|----------|-------------------------------------|----------|--------------------------|----------|---|----------|
|                |        | Sorta 16             | Prestige | Sorta 16            | Prestige | Sorta 16                        | Prestige | Sorta 16                            | Prestige | Sorta 16                 | Prestige | Sorta 16  | Prestige |
| Kikinda        | 2015.  | 68,425               | 76,775   | 17,91               | 17,12    | 10,276                          | 10,831   | 12,256                              | 13,139   | 15,02                    | 14,11    | 3,0   | 3,0      |
|                | 2016.  | 101,800              | 101,925  | 15,90               | 15,58    | 13,813                          | 13,490   | 16,189                              | 15,874   | 13,57                    | 13,24    | 3,0   | 2,0      |
|                | ☒      | 85,113               | 89,350   | 16,91               | 16,35    | 12,044                          | 12,160   | 14,223                              | 14,507   | 14,29                    | 13,68    | 3,0   | 2,5      |
| Novi Sad       | 2015.  | 72,025               | 66,025   | 14,48               | 14,43    | 8,735                           | 7,984    | 10,426                              | 9,520    | 12,14                    | 12,10    |   |          |
|                | 2016.  | 79,725               | 76,400   | 14,38               | 14,08    | 9,854                           | 9,121    | 11,458                              | 10,752   | 12,37                    | 11,94    | 3,0   | 2,5      |
|                | ☒      | 75,875               | 71,213   | 14,43               | 14,25    | 9,294                           | 8,552    | 10,942                              | 10,136   | 12,25                    | 12,02    | 3,0   | 2,5      |
| Pančevo        | 2015.  | 80,425               | 87,950   | 15,28               | 14,75    | 10,321                          | 10,582   | 12,292                              | 12,976   | 12,83                    | 12,03    | 1,0   | 1,0      |
|                | 2016.  | 95,450               | 101,200  | 15,15               | 15,15    | 12,142                          | 12,937   | 14,451                              | 15,323   | 12,73                    | 12,79    | 1,3   | 1,3      |
|                | ☒      | 87,938               | 94,575   | 15,22               | 14,95    | 11,231                          | 11,759   | 13,371                              | 14,150   | 12,78                    | 12,41    | 1,2   | 1,2      |
| S.Mitrovica    | 2015.  | 106,525              | 117,450  | 15,48               | 14,66    | 13,970                          | 14,338   | 16,486                              | 17,226   | 13,12                    | 12,19    | 1,5   | 1,7      |
| Sombor         | 2015.  | 92,100               | 105,738  | 14,72               | 14,05    | 11,517                          | 11,967   | 13,564                              | 14,850   | 12,49                    | 11,32    | 1,5   | 2,0      |
|                | 2016.  | 92,595               | 98,093   | 14,46               | 14,43    | 11,489                          | 12,198   | 13,386                              | 14,166   | 12,41                    | 12,43    | 1,5   | 2,3      |
|                | ☒      | 92,348               | 101,915  | 14,59               | 14,24    | 11,503                          | 12,083   | 13,475                              | 14,508   | 12,45                    | 11,87    | 1,5   | 2,1      |
| ☒ (2015-2016.) |        | 87,674 <sup>-</sup>  | 92,395   | 15,31 <sup>++</sup> | 14,91    | 11,346                          | 11,494   | 13,390                              | 13,759   | 12,96                    | 12,46    | 2,0   | 1,9      |
| Isd            | 0.05   | 2,942                |          | 0,14                |          |                                 |          |                                     |          |                          |          |   |          |
|                | 0.01   | 3,871                |          | 0,19                |          |                                 |          |                                     |          |                          |          |   |          |
| Cv             |        | 7,00                 |          | 2,00                |          |                                 |          |                                     |          |                          |          |   |          |

Tabela 1 - Proizvodna i tehnološka svojstva sorte 17

| Lokalitet      | Godina | Prinos korena (t/ha) |          | Sadržaj šećera (%)  |          | Prinos kristalnog šećera (t/ha) |          | Prinos polarizacionog šećera (t/ha) |          | Iskorišćenje na repu (%) |          | Stepen napada Cercospora beticola sacc. (ocena 1-5) |          |
|----------------|--------|----------------------|----------|---------------------|----------|---------------------------------|----------|-------------------------------------|----------|--------------------------|----------|---|----------|
|                |        | Sorta 17             | Original | Sorta 17            | Original | Sorta 17                        | Original | Sorta 17                            | Original | Sorta 17                 | Original | Sorta 17  | Original |
| Kikinda        | 2015.  | 71,750               | 77,475   | 17,10               | 17,59    | 10,259                          | 11,351   | 12,263                              | 13,621   | 14,31                    | 14,65    | 4,0   | 4,0      |
|                | 2016.  | 102,200              | 105,475  | 15,37               | 14,75    | 13,205                          | 12,819   | 15,704                              | 15,561   | 12,93                    | 12,15    | 2,0   | 3,0      |
|                | ☒      | 86,975               | 91,475   | 16,24               | 16,17    | 11,732                          | 12,085   | 13,983                              | 14,591   | 13,62                    | 13,40    | 3,0   | 3,5      |
| Novi Sad       | 2015.  | 67,175               | 61,400   | 14,27               | 14,60    | 8,043                           | 7,505    | 9,570                               | 8,963    | 12,00                    | 12,23    |   |          |
|                | 2016.  | 80,575               | 71,250   | 14,07               | 12,73    | 9,624                           | 7,569    | 11,335                              | 9,069    | 11,94                    | 10,63    | 2,8   | 3,5      |
|                | ☒      | 73,875               | 66,325   | 14,17               | 13,67    | 8,834                           | 7,537    | 10,452                              | 9,016    | 11,97                    | 11,43    | 2,8   | 3,5      |
| Pančevo        | 2015.  | 82,525               | 83,250   | 15,07               | 15,23    | 10,477                          | 10,395   | 12,444                              | 12,676   | 12,69                    | 12,49    | 1,0   | 1,0      |
|                | 2016.  | 93,975               | 103,900  | 15,39               | 15,14    | 12,088                          | 13,168   | 14,446                              | 15,731   | 12,87                    | 12,67    | 1,0   | 1,0      |
|                | ☒      | 88,250               | 93,575   | 15,23               | 15,18    | 11,282                          | 11,781   | 13,445                              | 14,203   | 12,78                    | 12,58    | 1,0   | 1,0      |
| S.Mitrovica    | 2015.  | 118,500              | 119,850  | 15,31               | 15,50    | 15,353                          | 15,565   | 18,145                              | 18,567   | 12,95                    | 13,00    | 1,4   | 1,4      |
| Sombor         | 2015.  | 98,925               | 103,825  | 15,02               | 14,61    | 12,699                          | 12,434   | 14,897                              | 15,175   | 12,80                    | 11,97    | 1,5   | 2,0      |
|                | 2016.  | 89,625               | 88,553   | 14,83               | 14,06    | 11,525                          | 10,591   | 13,298                              | 12,456   | 12,85                    | 11,96    | 1,8   | 2,0      |
|                | ☒      | 94,275               | 96,189   | 14,93               | 14,34    | 12,112                          | 11,512   | 14,098                              | 13,816   | 12,83                    | 11,97    | 1,6   | 2,0      |
| ☒ (2015-2016.) |        | 89,472 <sup>o</sup>  | 90,553   | 15,16 <sup>++</sup> | 14,91    | 11,475                          | 11,266   | 13,567                              | 13,535   | 12,82                    | 12,42    | 1,9   | 2,2      |
| Isd            | 0.05   | 2,942                |          | 0,14                |          |                                 |          |                                     |          |                          |          |   |          |
|                | 0.01   | 3,871                |          | 0,19                |          |                                 |          |                                     |          |                          |          |   |          |
| Cv             |        | 7,00                 |          | 2,00                |          |                                 |          |                                     |          |                          |          |   |          |



Tabela 1 - Proizvodna i tehnološka svojstva sorte 18

| Lokalitet      | Godina | Prinos korena (t/ha) |          | Sadržaj šećera (%)  |          | Prinos kristalnog šećera (t/ha) |          | Prinos polarizacionog šećera (t/ha) |          | Iskorišćenje na repu (%) |          | Stepen napada Cercospora beticola sacc. (ocena 1-5) |          |
|----------------|--------|----------------------|----------|---------------------|----------|---------------------------------|----------|-------------------------------------|----------|--------------------------|----------|---|----------|
|                |        | Sorta 18             | Original | Sorta 18            | Original | Sorta 18                        | Original | Sorta 18                            | Original | Sorta 18                 | Original | Sorta 18  | Original |
| Kikinda        | 2015.  | 67,775               | 77,475   | 17,52               | 17,59    | 9,855                           | 11,351   | 11,875                              | 13,621   | 14,54                    | 14,65    | 4,0   | 4,0      |
|                | 2016.  | 101,650              | 105,475  | 15,39               | 14,75    | 13,057                          | 12,819   | 15,632                              | 15,561   | 12,85                    | 12,15    | 3,0   | 3,0      |
|                | ☒      | 84,713               | 91,475   | 16,45               | 16,17    | 11,456                          | 12,085   | 13,754                              | 14,591   | 13,69                    | 13,40    | 3,5   | 3,5      |
| Novi Sad       | 2015.  | 69,600               | 61,400   | 14,34               | 14,60    | 8,376                           | 7,505    | 9,979                               | 8,963    | 12,04                    | 12,23    |   |          |
|                | 2016.  | 79,925               | 71,250   | 14,39               | 12,73    | 9,820                           | 7,569    | 11,503                              | 9,069    | 12,29                    | 10,63    | 3,3   | 3,5      |
|                | ☒      | 74,763               | 66,325   | 14,36               | 13,67    | 9,098                           | 7,537    | 10,741                              | 9,016    | 12,16                    | 11,43    | 3,3   | 3,5      |
| Pančevo        | 2015.  | 82,300               | 83,250   | 15,26               | 15,23    | 10,560                          | 10,395   | 12,564                              | 12,676   | 12,83                    | 12,49    | 1,0   | 1,0      |
|                | 2016.  | 103,350              | 103,900  | 15,30               | 15,14    | 13,086                          | 13,168   | 15,809                              | 15,731   | 12,67                    | 12,67    | 1,5   | 1,0      |
|                | ☒      | 92,825               | 93,575   | 15,28               | 15,18    | 11,823                          | 11,781   | 14,187                              | 14,203   | 12,75                    | 12,58    | 1,4   | 1,0      |
| S.Mitrovica    | 2015.  | 105,825              | 119,850  | 15,36               | 15,50    | 13,724                          | 15,565   | 16,248                              | 18,567   | 12,97                    | 13,00    | 2,2   | 1,4      |
| Sombor         | 2015.  | 102,325              | 103,825  | 15,11               | 14,61    | 13,228                          | 12,434   | 15,464                              | 15,175   | 12,93                    | 11,97    | 2,3   | 2,0      |
|                | 2016.  | 99,235               | 88,553   | 14,49               | 14,06    | 12,291                          | 10,591   | 14,373                              | 12,456   | 12,39                    | 11,96    | 1,8   | 2,0      |
|                | ☒      | 100,780              | 96,189   | 14,80               | 14,34    | 12,759                          | 11,512   | 14,918                              | 13,816   | 12,66                    | 11,97    | 2,0   | 2,0      |
| ☒ (2015-2016.) |        | 90,221 <sup>o</sup>  | 90,553   | 15,24 <sup>++</sup> | 14,91    | 11,555                          | 11,266   | 13,716                              | 13,535   | 12,83                    | 12,42    | 2,4   | 2,2      |
| Isd            | 0.05   | 2,942                |          | 0,14                |          |                                 |          |                                     |          |                          |          |   |          |
|                | 0.01   | 3,871                |          | 0,19                |          |                                 |          |                                     |          |                          |          |   |          |
| Cv             |        | 7,00                 |          | 2,00                |          |                                 |          |                                     |          |                          |          |   |          |