

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	2017.	80.600	72.725	17.23	16.74	12.165	10.469	13.902	12.175	15.08	14.40	2.0	2.0
	2018.	90.400	104.750	13.47	15.16	10.107	13.415	12.190	15.885	11.17	12.80	2.0	4.0
	☒	85.500	88.738	15.35	15.95	11.136	11.942	13.046	14.030	13.12	13.60	2.0	3.0
Novi Sad	2017.	53.625	49.675	15.44	15.67	6.989	6.623	8.308	7.772	12.99	13.38		
	2018.	75.400	71.167	14.61	16.08	9.281	9.790	11.016	11.437	12.31	13.77	2.5	2.8
	☒	64.513	60.421	15.03	15.88	8.135	8.207	9.662	9.605	12.65	13.57	2.5	2.8
Pančevo	2017.	55.190	64.578	15.21	14.88	7.140	8.123	8.406	9.598	12.92	12.60	1.3	1.0
	2018.	72.075	64.525	14.40	15.60	8.640	8.328	10.369	10.038	12.00	12.95	1.3	0.8
	☒	63.633	64.551	14.80	15.24	7.890	8.226	9.388	9.818	12.46	12.77	1.3	0.9
S.Mitrovica	2017.	68.775	75.450	15.67	16.31	9.383	10.681	10.776	12.304	13.63	14.15	0.9	1.9
Sombor	2017.	80.134	77.605	15.99	15.68	11.072	10.491	12.824	12.167	13.81	13.52	1.8	1.3
	2018.	99.045	92.117	15.61	15.20	13.034	11.967	15.456	13.994	13.17	13.00	2.8	1.8
	☒	89.589	84.861	15.80	15.44	12.053	11.229	14.140	13.080	13.49	13.26	2.3	1.5
☒ (2017-2018.)		75,027 <sup>o</sup>	74.732	15,29 <sup>o</sup>	15.70	9.757	9.987	11.472	11.708	13.01	13.40	1.6	1.7
Isd	0.05	3.450		0.45									
	0.01	4.539		0.59									
Cv		10.20		3.57									

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	2017.	79.125	72.725	16.46	16.74	11.287	10.469	13.019	12.175	14.27	14.40	3.0	2.0
	2018.	108.425	104.750	14.23	15.16	12.979	13.415	15.417	15.885	11.99	12.80	1.0	4.0
	☒	93.775	88.738	15.35	15.95	12.133	11.942	14.218	14.030	13.13	13.60	2.0	3.0
Novi Sad	2017.	56.950	49.675	15.49	15.67	7.473	6.623	8.822	7.772	13.12	13.38		
	2018.	92.233	71.167	13.49	16.08	10.348	9.790	12.452	11.437	11.21	13.77	2.8	2.8
	☒	74.592	60.421	14.49	15.88	8.911	8.207	10.637	9.605	12.17	13.57	2.8	2.8
Pančevo	2017.	54.605	64.578	15.10	14.88	7.036	8.123	8.241	9.598	12.90	12.60	1.8	1.0
	2018.	73.300	64.525	14.11	15.60	8.471	8.328	10.347	10.038	11.55	12.95	1.0	0.8
	☒	63.953	64.551	14.61	15.24	7.754	8.226	9.294	9.818	12.22	12.77	1.4	0.9
S.Mitrovica	2017.	70.500	75.450	15.56	16.31	9.627	10.681	10.976	12.304	13.65	14.15	1.4	1.9
Sombor	2017.	79.869	77.605	15.99	15.68	11.083	10.491	12.773	12.167	13.88	13.52	1.5	1.3
	2018.	98.152	92.117	15.23	15.20	12.573	11.967	14.942	13.994	12.81	13.00	3.3	1.8
	☒	89.010	84.861	15.61	15.44	11.828	11.229	13.858	13.080	13.35	13.26	2.4	1.5
☒ (2017-2018.)		79,240 <sup>+</sup>	74.732	15,07 <sup>-</sup>	15.70	10.098	9.987	11.888	11.708	12.82	13.40	1.8	1.7
Isd	0.05	3.450		0.45									
	0.01	4.539		0.59									
Cv		10.20		3.57									

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
Senta	2017.	40.425	51.460	16.31	17.01	5.820	7.736	6.588	8.733	14.40	15.09	1.8	2.3
Sombor	2017.	55.394	47.856	16.06	16.62	7.722	7.038	8.890	7.949	13.94	14.72	1.8	1.5
☒ (2017-2018.)		47,909 <sup>o</sup>	49.658	16,18 <sup>-</sup>	16.81	6.771	7.387	7.739	8.341	14.17	14.90	1.8	2.1
Isd	0.05	8.041		0.30									
	0.01	10.709		0.40									
Cv		15.93		1.84									

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	2017.	77.950	72.725	17.23	16.74	11.895	10.469	13.421	12.175	15.28	14.40	1.0	2.0
	2018.	97.250	104.750	15.14	15.16	12.507	13.415	14.736	15.885	12.85	12.80	2.0	4.0
	☒	87.600	88.738	16.18	15.95	12.201	11.942	14.078	14.030	14.06	13.60	1.5	3.0
Novi Sad	2017.	50.450	49.675	15.45	15.67	6.577	6.623	7.794	7.772	13.03	13.38		
	2018.	80.750	71.167	13.83	16.08	9.400	9.790	11.181	11.437	11.62	13.77	3.0	2.8
	☒	65.600	60.421	14.64	15.88	7.988	8.207	9.488	9.605	12.32	13.57	3.0	2.8
Pančevo	2017.	51.135	64.578	15.77	14.88	7.032	8.123	8.064	9.598	13.76	12.60	1.0	1.0
	2018.	80.625	64.525	14.94	15.60	10.012	8.328	12.038	10.038	12.43	12.95	1.0	0.8
	☒	65.880	64.551	15.36	15.24	8.522	8.226	10.051	9.818	13.09	12.77	1.0	0.9
S.Mitrovica	2017.	67.950	75.450	16.13	16.31	9.602	10.681	10.963	12.304	14.12	14.15	0.9	1.9
Sombor	2017.	74.014	77.605	16.12	15.68	10.434	10.491	11.924	12.167	14.11	13.52	1.8	1.3
	2018.	88.607	92.117	15.63	15.20	11.928	11.967	13.852	13.994	13.46	13.00	1.8	1.8
	☒	81.311	84.861	15.87	15.44	11.181	11.229	12.888	13.080	13.78	13.26	1.8	1.5
☒ (2017-2018.)		74,303 <sup>o</sup>	74.732	15,58 <sup>o</sup>	15.70	9.932	9.987	11.553	11.708	13.40	13.40	1.5	1.7
Isd	0.05	3.450		0.45									
	0.01	4.539		0.59									
Cv		10.20		3.57									

Tabela 2 - Proizvodna i tehnološka svojstva sorte 3 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 3	Bruna	Sorta 3	Bruna	Sorta 3	Bruna	Sorta 3	Bruna	Sorta 3	Bruna	Sorta 3	Bruna
Senta	2017.	60.700	51.460	16.54	17.01	8.729	7.736	10.032	8.733	14.37	15.09	1.3	2.3
Sombor	2017.	49.913	47.856	15.83	16.62	6.803	7.038	7.902	7.949	13.63	14.72	1.8	1.5
☒ (2017-2018.)		55,306 <sup>o</sup>	49.658	16,18 <sup>-</sup>	16.81	7.766	7.387	8.967	8.341	14.00	14.90	1.4	2.1
Isd	0.05	8.041		0.30									
	0.01	10.709		0.40									
Cv		15.93		1.84									

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	2017.	59.775	72.725	16.81	16.74	8.782	10.469	10.047	12.175	14.69	14.40	2.0	2.0
	2018.	96.100	104.750	14.71	15.16	11.912	13.415	14.108	15.885	12.42	12.80	3.0	4.0
	☒	77.938	88.738	15.76	15.95	10.347	11.942	12.077	14.030	13.56	13.60	2.5	3.0
Novi Sad	2017.	44.275	49.675	16.21	15.67	6.111	6.623	7.146	7.772	13.87	13.38		
	2018.	78.833	71.167	14.33	16.08	9.512	9.790	11.284	11.437	12.08	13.77	2.5	2.8
	☒	61.554	60.421	15.27	15.88	7.812	8.207	9.215	9.605	12.98	13.57	2.5	2.8
Pančevo	2017.	52.390	64.578	16.10	14.88	7.335	8.123	8.413	9.598	14.04	12.60	1.3	1.0
	2018.	73.500	64.525	14.63	15.60	8.917	8.328	10.693	10.038	12.21	12.95	1.0	0.8
	☒	62.945	64.551	15.36	15.24	8.126	8.226	9.553	9.818	13.13	12.77	1.1	0.9
S.Mitrovica	2017.	69.925	75.450	16.96	16.31	10.515	10.681	11.864	12.304	15.02	14.15	1.4	1.9
Sombor	2017.	67.631	77.605	16.35	15.68	9.619	10.491	11.057	12.167	14.23	13.52	1.8	1.3
	2018.	92.036	92.117	16.21	15.20	12.996	11.967	14.928	13.994	14.11	13.00	1.8	1.8
	☒	79.834	84.861	16.28	15.44	11.307	11.229	12.993	13.080	14.17	13.26	1.8	1.5
☒ (2017-2018.)		70,496 <sup>c</sup>	74.732	15,81 <sup>o</sup>	15.70	9.522	9.987	11.060	11.708	13.63	13.40	1.7	1.7
Isd	0.05	3.450		0.45									
	0.01	4.539		0.59									
Cv		10.20		3.57									

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	2017.	72.200	72.725	17.25	16.74	10.933	10.469	12.455	12.175	15.14	14.40	2.0	2.0
	2018.	94.350	104.750	14.73	15.16	11.601	13.415	13.875	15.885	12.32	12.80	2.0	4.0
	☒	83.275	88.738	15.99	15.95	11.267	11.942	13.165	14.030	13.73	13.60	2.0	3.0
Novi Sad	2017.	47.400	49.675	16.01	15.67	6.523	6.623	7.586	7.772	13.76	13.38		
	2018.	81.333	71.167	14.68	16.08	10.154	9.790	11.944	11.437	12.48	13.77	2.8	2.8
	☒	64.367	60.421	15.35	15.88	8.339	8.207	9.765	9.605	13.12	13.57	2.8	2.8
Pančevo	2017.	53.130	64.578	16.22	14.88	7.439	8.123	8.631	9.598	13.98	12.60	1.0	1.0
	2018.	71.200	64.525	16.54	15.60	9.866	8.328	11.729	10.038	13.91	12.95	1.3	0.8
	☒	62.165	64.551	16.38	15.24	8.653	8.226	10.180	9.818	13.94	12.77	1.1	0.9
S.Mitrovica	2017.	65.575	75.450	16.43	16.31	9.531	10.681	10.781	12.304	14.53	14.15	1.0	1.9
Sombor	2017.	79.666	77.605	16.43	15.68	11.233	10.491	13.086	12.167	14.10	13.52	1.5	1.3
	2018.	74.986	92.117	15.93	15.20	10.306	11.967	11.932	13.994	13.76	13.00	1.8	1.8
	☒	77.326	84.861	16.18	15.44	10.770	11.229	12.509	13.080	13.93	13.26	1.6	1.5
☒ (2017-2018.)		71,093 <sup>3</sup>	74.732	16,02 <sup>o</sup>	15.70	9.732	9.987	11.335	11.708	13.78	13.40	1.6	1.7
Isd	0.05	3.450		0.45									
	0.01	4.539		0.59									
Cv		10.20		3.57									

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	2017.	69.550	72.725	17.47	16.74	10.549	10.469	12.146	12.175	15.17	14.40	3.0	2.0
	2018.	96.700	104.750	15.09	15.16	12.272	13.415	14.607	15.885	12.68	12.80	4.0	4.0
	☒	83.125	88.738	16.28	15.95	11.410	11.942	13.376	14.030	13.92	13.60	3.5	3.0
Novi Sad	2017.	45.050	49.675	15.77	15.67	6.061	6.623	7.111	7.772	13.44	13.38		
	2018.	77.175	71.167	14.90	16.08	9.729	9.790	11.496	11.437	12.61	13.77	2.8	2.8
	☒	61.113	60.421	15.33	15.88	7.895	8.207	9.303	9.605	13.02	13.57	2.8	2.8
Pančevo	2017.	55.123	64.578	16.12	14.88	7.660	8.123	8.880	9.598	13.91	12.60	1.0	1.0
	2018.	67.250	64.525	15.75	15.60	8.849	8.328	10.600	10.038	13.15	12.95	1.3	0.8
	☒	61.186	64.551	15.94	15.24	8.254	8.226	9.740	9.818	13.53	12.77	1.1	0.9
S.Mitrovica	2017.	68.075	75.450	16.62	16.31	9.981	10.681	11.315	12.304	14.65	14.15	0.9	1.9
Sombor	2017.	74.928	77.605	15.78	15.68	10.137	10.491	11.822	12.167	13.53	13.52	1.5	1.3
	2018.	80.109	92.117	16.28	15.20	11.208	11.967	13.033	13.994	14.00	13.00	2.0	1.8
	☒	77.518	84.861	16.03	15.44	10.673	11.229	12.428	13.080	13.76	13.26	1.8	1.5
☒ (2017-2018.)		70,440 <sup>c</sup>	74.732	15,97 <sup>o</sup>	15.70	9.605	9.987	11.223	11.708	13.68	13.40	1.7	1.7
Isd	0.05	3.450		0.45									
	0.01	4.539		0.59									
Cv		10.20		3.57									



Tabela 2 - Proizvodna i tehnološka svojstva sorte 6 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 6	Bruna	Sorta 6	Bruna	Sorta 6	Bruna	Sorta 6	Bruna	Sorta 6	Bruna	Sorta 6	Bruna
Senta	2017.	52.200	51.460	17.03	17.01	7.698	7.736	8.888	8.733	14.74	15.09	2.3	2.3
Sombor	2017.	59.903	47.856	16.48	16.62	8.694	7.038	9.887	7.949	14.49	14.72	1.5	1.5
☒ (2017-2018.)		56,052 <sup>o</sup>	49.658	16,75 <sup>o</sup>	16.81	8.196	7.387	9.387	8.341	14.62	14.90	2.1	2.1
Isd		8.041		0.30									
0.05		10.709		0.40									
0.01		15.93		1.84									
Cv													

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	2017.	59.425	72.725	17.11	16.74	8.718	10.469	10.141	12.175	14.71	14.40	3.0	2.0
	2018.	100.350	104.750	16.15	15.16	13.698	13.415	16.210	15.885	13.64	12.80	3.0	4.0
	☒	79.888	88.738	16.63	15.95	11.208	11.942	13.175	14.030	14.17	13.60	3.0	3.0
Novi Sad	2017.	51.550	49.675	15.69	15.67	6.931	6.623	8.119	7.772	13.39	13.38		
	2018.	84.475	71.167	15.16	16.08	10.892	9.790	12.824	11.437	12.87	13.77	3.0	2.8
	☒	68.013	60.421	15.42	15.88	8.911	8.207	10.472	9.605	13.13	13.57	3.0	2.8
Pančevo	2017.	48.515	64.578	15.98	14.88	6.634	8.123	7.740	9.598	13.69	12.60	1.3	1.0
	2018.	68.975	64.525	15.85	15.60	9.121	8.328	10.953	10.038	13.18	12.95	1.0	0.8
	☒	58.745	64.551	15.91	15.24	7.878	8.226	9.346	9.818	13.44	12.77	1.1	0.9
S.Mitrovica	2017.	61.725	75.450	16.54	16.31	9.049	10.681	10.215	12.304	14.65	14.15	1.0	1.9
Sombor	2017.	66.621	77.605	15.77	15.68	9.135	10.491	10.516	12.167	13.70	13.52	1.8	1.3
	2018.	103.784	92.117	16.05	15.20	14.331	11.967	16.665	13.994	13.80	13.00	2.0	1.8
	☒	85.202	84.861	15.91	15.44	11.733	11.229	13.590	13.080	13.75	13.26	1.9	1.5
☒ (2017-2018.)		71,713°	74.732	16,03°	15.70	9.834	9.987	11.487	11.708	13.74	13.40	1.7	1.7
Isd	0.05	3.450		0.45									
	0.01	4.539		0.59									
Cv		10.20		3.57									

Tabela 2 - Proizvodna i tehnološka svojstva sorte 7 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 7	Bruna	Sorta 7	Bruna	Sorta 7	Bruna	Sorta 7	Bruna	Sorta 7	Bruna	Sorta 7	Bruna
Senta	2017.	47.075	51.460	17.20	17.01	7.087	7.736	8.094	8.733	15.06	15.09	1.3	2.3
Sombor	2017.	42.538	47.856	16.20	16.62	6.061	7.038	6.887	7.949	14.26	14.72	1.5	1.5
☒ (2017-2018.)		44,806°	49.658	16,40°	16.81	6.574	7.387	7.490	8.341	14.66	14.90	1.3	2.1
Isd		0.05	8.041	0.30									
		0.01	10.709	0.40									
Cv			15.93	1.84									

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	2017.	77.650	72.725	16.69	16.74	11.228	10.469	12.947	12.175	14.47	14.40	1.0	2.0
	2018.	117.400	104.750	14.82	15.16	14.681	13.415	17.413	15.885	12.49	12.80	3.0	4.0
	☒	97.525	88.738	15.75	15.95	12.954	11.942	15.180	14.030	13.48	13.60	2.0	3.0
Novi Sad	2017.	53.175	49.675	15.59	15.67	7.081	6.623	8.285	7.772	13.32	13.38		
	2018.	85.750	71.167	14.23	16.08	10.331	9.790	12.190	11.437	12.06	13.77	2.3	2.8
	☒	69.463	60.421	14.91	15.88	8.706	8.207	10.238	9.605	12.69	13.57	2.3	2.8
Pančevo	2017.	60.185	64.578	15.45	14.88	8.097	8.123	9.326	9.598	13.41	12.60	1.0	1.0
	2018.	78.925	64.525	15.00	15.60	9.820	8.328	11.835	10.038	12.44	12.95	1.0	0.8
	☒	69.555	64.551	15.23	15.24	8.959	8.226	10.581	9.818	12.93	12.77	1.0	0.9
S.Mitrovica	2017.	89.050	75.450	16.11	16.31	12.658	10.681	14.348	12.304	14.21	14.15	0.8	1.9
Sombor	2017.	66.143	77.605	15.69	15.68	9.107	10.491	10.377	12.167	13.77	13.52	1.8	1.3
	2018.	96.066	92.117	15.74	15.20	12.964	11.967	15.104	13.994	13.51	13.00	3.3	1.8
	☒	81.104	84.861	15.72	15.44	11.035	11.229	12.740	13.080	13.64	13.26	2.5	1.5
☒ (2017-2018.)		80,483 <sup>++</sup>	74.732	15,48 <sup>o</sup>	15.70	10.663	9.987	12.425	11.708	13.30	13.40	1.5	1.7
Isd	0.05	3.450		0.45									
	0.01	4.539		0.59									
Cv		10.20		3.57									

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	2017.	67.775	72.725	17.06	16.74	10.229	10.469	11.568	12.175	15.09	14.40	3.0	2.0
	2018.	99.175	104.750	14.77	15.16	12.399	13.415	14.654	15.885	12.49	12.80	2.0	4.0
	☒	83.475	88.738	15.91	15.95	11.314	11.942	13.111	14.030	13.79	13.60	2.5	3.0
Novi Sad	2017.	56.450	49.675	16.15	15.67	7.861	6.623	9.100	7.772	13.95	13.38		
	2018.	86.150	71.167	14.40	16.08	10.581	9.790	12.414	11.437	12.28	13.77	3.0	2.8
	☒	71.300	60.421	15.27	15.88	9.221	8.207	10.757	9.605	13.11	13.57	3.0	2.8
Pančevo	2017.	54.280	64.578	15.63	14.88	7.376	8.123	8.492	9.598	13.57	12.60	1.0	1.0
	2018.	73.800	64.525	14.60	15.60	8.936	8.328	10.722	10.038	12.18	12.95	0.8	0.8
	☒	64.040	64.551	15.12	15.24	8.156	8.226	9.607	9.818	12.87	12.77	0.9	0.9
S.Mitrovica	2017.	73.325	75.450	16.42	16.31	10.640	10.681	12.016	12.304	14.54	14.15	1.4	1.9
Sombor	2017.	55.681	77.605	15.66	15.68	7.632	10.491	8.718	12.167	13.72	13.52	2.0	1.3
	2018.	98.485	92.117	15.03	15.20	12.694	11.967	14.801	13.994	12.89	13.00	2.5	1.8
	☒	77.083	84.861	15.34	15.44	10.163	11.229	11.759	13.080	13.30	13.26	2.3	1.5
☒ (2017-2018.)		73,902 <sup>o</sup>	74.732	15,52 <sup>o</sup>	15.70	9.816	9.987	11.387	11.708	13.41	13.40	1.7	1.7
Isd	0.05	3.450		0.45									
	0.01	4.539		0.59									
Cv		10.20		3.57									

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	2017.	67.650	72.725	17.55	16.74	10.496	10.469	11.884	12.175	15.50	14.40	3.0	2.0
	2018.	97.300	104.750	15.76	15.16	12.929	13.415	15.310	15.885	13.31	12.80	2.0	4.0
	☒	82.475	88.738	16.65	15.95	11.712	11.942	13.597	14.030	14.41	13.60	2.5	3.0
Novi Sad	2017.	47.200	49.675	16.02	15.67	6.475	6.623	7.542	7.772	13.76	13.38		
	2018.	82.575	71.167	15.51	16.08	11.071	9.790	12.845	11.437	13.36	13.77	3.3	2.8
	☒	64.888	60.421	15.76	15.88	8.773	8.207	10.194	9.605	13.56	13.57	3.3	2.8
Pančevo	2017.	55.250	64.578	16.34	14.88	7.843	8.123	9.051	9.598	14.16	12.60	1.0	1.0
	2018.	77.150	64.525	15.01	15.60	9.651	8.328	11.552	10.038	12.55	12.95	1.3	0.8
	☒	66.200	64.551	15.68	15.24	8.747	8.226	10.301	9.818	13.35	12.77	1.1	0.9
S.Mitrovica	2017.	71.150	75.450	17.08	16.31	10.848	10.681	12.157	12.304	15.24	14.15	1.0	1.9
Sombor	2017.	63.998	77.605	16.34	15.68	9.178	10.491	10.468	12.167	14.33	13.52	1.8	1.3
	2018.	88.715	92.117	16.53	15.20	12.896	11.967	14.679	13.994	14.51	13.00	2.8	1.8
	☒	76.356	84.861	16.43	15.44	11.037	11.229	12.574	13.080	14.42	13.26	2.3	1.5
☒ (2017-2018.)		72,332 <sup>o</sup>	74.732	16,24 <sup>+</sup>	15.70	10.154	9.987	11.721	11.708	14.08	13.40	1.8	1.7
Isd	0.05	3.450		0.45									
	0.01	4.539		0.59									
Cv		10.20		3.57									

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	2017.	67.150	72.725	16.68	16.74	9.759	10.469	11.192	12.175	14.54	14.40	1.0	2.0
	2018.	93.750	104.750	14.54	15.16	11.443	13.415	13.630	15.885	12.21	12.80	2.0	4.0
	☒	80.450	88.738	15.61	15.95	10.601	11.942	12.411	14.030	13.38	13.60	1.5	3.0
Novi Sad	2017.	49.025	49.675	15.52	15.67	6.501	6.623	7.564	7.772	13.35	13.38		
	2018.	80.750	71.167	14.56	16.08	10.000	9.790	11.777	11.437	12.36	13.77	2.8	2.8
	☒	64.888	60.421	15.04	15.88	8.251	8.207	9.670	9.605	12.85	13.57	2.8	2.8
Pančevo	2017.	53.110	64.578	15.68	14.88	7.161	8.123	8.331	9.598	13.48	12.60	1.8	1.0
	2018.	73.600	64.525	15.94	15.60	9.957	8.328	11.716	10.038	13.54	12.95	1.0	0.8
	☒	63.355	64.551	15.81	15.24	8.559	8.226	10.024	9.818	13.51	12.77	1.4	0.9
S.Mitrovica	2017.	65.675	75.450	15.82	16.31	9.084	10.681	10.365	12.304	13.87	14.15	0.9	1.9
Sombor	2017.	61.158	77.605	15.22	15.68	8.108	10.491	9.311	12.167	13.25	13.52	1.8	1.3
	2018.	99.671	92.117	15.71	15.20	13.581	11.967	15.651	13.994	13.63	13.00	1.3	1.8
	☒	80.414	84.861	15.47	15.44	10.845	11.229	12.481	13.080	13.44	13.26	1.5	1.5
☒ (2017-2018.)		71,543°	74.732	15,52°	15.70	9.510	9.987	11.060	11.708	13.36	13.40	1.6	1.7
Isd	0.05	3.450		0.45									
	0.01	4.539		0.59									
Cv		10.20		3.57									

Tabela 2 - Proizvodna i tehnološka svojstva sorte 11 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 11	Bruna	Sorta 11	Bruna	Sorta 11	Bruna	Sorta 11	Bruna	Sorta 11	Bruna	Sorta 11	Bruna
Senta	2017.	55.850	51.460	16.37	17.01	7.982	7.736	9.156	8.733	14.26	15.09	1.0	2.3
Sombor	2017.	57.428	47.856	16.05	16.62	8.087	7.038	9.218	7.949	14.07	14.72	1.3	1.5
☒ (2017-2018.)		56,639 <sup>o</sup>	49.658	16,21 <sup>-</sup>	16.81	8.035	7.387	9.187	8.341	14.17	14.90	1.1	2.1
Isd	0.05	8.041		0.30									
	0.01	10.709		0.40									
Cv		15.93		1.84									



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	2017.	66.575	72.725	17.27	16.74	10.178	10.469	11.503	12.175	15.28	14.40	1.0	2.0
	2018.	97.350	104.750	15.21	15.16	12.570	13.415	14.820	15.885	12.90	12.80	3.0	4.0
	☒	81.963	88.738	16.24	15.95	11.374	11.942	13.162	14.030	14.09	13.60	2.0	3.0
Novi Sad	2017.	45.075	49.675	16.20	15.67	6.334	6.623	7.293	7.772	14.07	13.38		
	2018.	78.067	71.167	14.16	16.08	9.399	9.790	11.099	11.437	11.98	13.77	2.7	2.8
	☒	61.571	60.421	15.18	15.88	7.866	8.207	9.196	9.605	13.03	13.57	2.7	2.8
Pančevo	2017.	50.790	64.578	16.32	14.88	7.167	8.123	8.302	9.598	14.08	12.60	1.0	1.0
	2018.	74.400	64.525	15.46	15.60	9.738	8.328	11.475	10.038	13.12	12.95	1.5	0.8
	☒	62.595	64.551	15.89	15.24	8.452	8.226	9.889	9.818	13.60	12.77	1.3	0.9
S.Mitrovica	2017.	65.825	75.450	17.61	16.31	10.320	10.681	11.590	12.304	15.68	14.15	1.0	1.9
Sombor	2017.	60.989	77.605	16.20	15.68	8.668	10.491	9.878	12.167	14.21	13.52	1.5	1.3
	2018.	85.516	92.117	16.44	15.20	12.268	11.967	14.050	13.994	14.36	13.00	1.8	1.8
	☒	73.252	84.861	16.32	15.44	10.468	11.229	11.964	13.080	14.28	13.26	1.6	1.5
☒ (2017-2018.)		69,398 <sup>~</sup>	74.732	16,10 <sup>o</sup>	15.70	9.627	9.987	11.112	11.708	13.97	13.40	1.6	1.7
Isd	0.05	3.450		0.45									
	0.01	4.539		0.59									
Cv		10.20		3.57									

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	2017.	73.550	72.725	17.09	16.74	11.112	10.469	12.582	12.175	15.09	14.40	2.0	2.0
	2018.	102.400	104.750	15.40	15.16	13.336	13.415	15.770	15.885	13.02	12.80	4.0	4.0
	☒	87.975	88.738	16.24	15.95	12.224	11.942	14.176	14.030	14.06	13.60	3.0	3.0
Novi Sad	2017.	48.725	49.675	15.58	15.67	6.480	6.623	7.601	7.772	13.31	13.38		
	2018.	78.925	71.167	14.75	16.08	9.924	9.790	11.628	11.437	12.59	13.77	3.3	2.8
	☒	63.825	60.421	15.16	15.88	8.202	8.207	9.615	9.605	12.95	13.57	3.3	2.8
Pančevo	2017.	49.890	64.578	15.85	14.88	6.792	8.123	7.919	9.598	13.59	12.60	1.3	1.0
	2018.	76.825	64.525	15.21	15.60	9.703	8.328	11.688	10.038	12.63	12.95	1.3	0.8
	☒	63.358	64.551	15.53	15.24	8.248	8.226	9.803	9.818	13.11	12.77	1.3	0.9
S.Mitrovica	2017.	72.550	75.450	16.85	16.31	10.809	10.681	12.220	12.304	14.90	14.15	1.3	1.9
Sombor	2017.	67.934	77.605	15.40	15.68	9.220	10.491	10.471	12.167	13.56	13.52	1.8	1.3
	2018.	98.334	92.117	15.80	15.20	13.439	11.967	15.535	13.994	13.67	13.00	1.8	1.8
	☒	83.134	84.861	15.60	15.44	11.329	11.229	13.003	13.080	13.61	13.26	1.8	1.5
☒ (2017-2018.)		74,348 <sup>o</sup>	74.732	15,77 <sup>o</sup>	15.70	10.091	9.987	11.712	11.708	13.60	13.40	1.9	1.7
Isd	0.05	3.450		0.45									
	0.01	4.539		0.59									
Cv		10.20		3.57									

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	2017.	78.925	72.725	17.33	16.74	12.092	10.469	13.684	12.175	15.32	14.40	2.0	2.0
	2018.	101.300	104.750	14.94	15.16	12.863	13.415	15.140	15.885	12.70	12.80	3.0	4.0
	☒	90.113	88.738	16.14	15.95	12.477	11.942	14.412	14.030	14.01	13.60	2.5	3.0
Novi Sad	2017.	57.325	49.675	16.22	15.67	8.041	6.623	9.284	7.772	14.05	13.38		
	2018.	87.775	71.167	14.79	16.08	11.117	9.790	12.971	11.437	12.67	13.77	2.8	2.8
	☒	72.550	60.421	15.50	15.88	9.579	8.207	11.128	9.605	13.36	13.57	2.8	2.8
Pančevo	2017.	50.460	64.578	15.71	14.88	6.834	8.123	7.911	9.598	13.56	12.60	1.0	1.0
	2018.	84.267	64.525	15.54	15.60	10.999	8.328	13.089	10.038	13.05	12.95	1.3	0.8
	☒	67.363	64.551	15.62	15.24	8.917	8.226	10.500	9.818	13.31	12.77	1.1	0.9
S.Mitrovica	2017.	63.900	75.450	17.04	16.31	9.632	10.681	10.889	12.304	15.07	14.15	1.8	1.9
Sombor	2017.	74.568	77.605	16.26	15.68	10.701	10.491	12.136	12.167	14.33	13.52	1.5	1.3
	2018.	98.496	92.117	16.34	15.20	13.953	11.967	16.045	13.994	14.21	13.00	1.8	1.8
	☒	86.532	84.861	16.30	15.44	12.327	11.229	14.090	13.080	14.27	13.26	1.6	1.5
☒ (2017-2018.)		77,446°	74.732	16,02°	15.70	10.692	9.987	12.350	11.708	13.89	13.40	1.8	1.7
Isd	0.05	3.450		0.45									
	0.01	4.539		0.59									
Cv		10.20		3.57									

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	2017.	63.875	72.725	16.91	16.74	9.336	10.469	10.804	12.175	14.61	14.40	2.0	2.0
	2018.	90.550	104.750	15.87	15.16	12.278	13.415	14.376	15.885	13.55	12.80	2.0	4.0
	☒	77.213	88.738	16.39	15.95	10.807	11.942	12.590	14.030	14.08	13.60	2.0	3.0
Novi Sad	2017.	47.650	49.675	16.11	15.67	6.502	6.623	7.666	7.772	13.68	13.38		
	2018.	70.700	71.167	14.86	16.08	8.880	9.790	10.509	11.437	12.55	13.77	3.5	2.8
	☒	59.175	60.421	15.48	15.88	7.691	8.207	9.088	9.605	13.11	13.57	3.5	2.8
Pančevo	2017.	46.835	64.578	15.75	14.88	6.242	8.123	7.375	9.598	13.33	12.60	1.3	1.0
	2018.	71.433	64.525	15.60	15.60	9.240	8.328	11.152	10.038	12.93	12.95	1.0	0.8
	☒	59.134	64.551	15.67	15.24	7.741	8.226	9.264	9.818	13.13	12.77	1.1	0.9
S.Mitrovica	2017.	56.825	75.450	16.75	16.31	8.316	10.681	9.522	12.304	14.63	14.15	1.1	1.9
Sombor	2017.	63.708	77.605	15.83	15.68	8.675	10.491	10.083	12.167	13.62	13.52	1.8	1.3
	2018.	86.902	92.117	15.45	15.20	11.490	11.967	13.425	13.994	13.22	13.00	2.0	1.8
	☒	75.305	84.861	15.64	15.44	10.083	11.229	11.754	13.080	13.42	13.26	1.9	1.5
☒ (2017-2018.)		66,498 <sup>~</sup>	74.732	15,90 <sup>o</sup>	15.70	8.996	9.987	10.546	11.708	13.57	13.40	1.8	1.7
Isd	0.05	3.450		0.45									
	0.01	4.539		0.59									
Cv		10.20		3.57									

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
Senta	2017.	50.350	51.460	16.90	17.01	7.359	7.736	8.513	8.733	14.61	15.09	1.0	2.3
Sombor	2017.	58.622	47.856	16.29	16.62	8.198	7.038	9.540	7.949	13.99	14.72	1.8	1.5
☒ (2017-2018.)		54,486 <sup>o</sup>	49.658	16,60 <sup>o</sup>	16.81	7.778	7.387	9.027	8.341	14.30	14.90	1.2	2.1
Isd		8.041		0.30									
0.05													
0.01		10.709		0.40									
Cv		15.93		1.84									

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	2017.	56.925	72.725	17.10	16.74	8.535	10.469	9.734	12.175	14.99	14.40	3.0	2.0
	2018.	84.300	104.750	16.10	15.16	11.551	13.415	13.535	15.885	13.75	12.80	2.0	4.0
	☒	70.613	88.738	16.60	15.95	10.043	11.942	11.635	14.030	14.37	13.60	2.5	3.0
Novi Sad	2017.	44.325	49.675	16.26	15.67	6.167	6.623	7.208	7.772	13.91	13.38		
	2018.	73.600	71.167	14.70	16.08	9.137	9.790	10.822	11.437	12.41	13.77	2.5	2.8
	☒	58.963	60.421	15.48	15.88	7.652	8.207	9.015	9.605	13.16	13.57	2.5	2.8
Pančevo	2017.	48.415	64.578	15.39	14.88	6.361	8.123	7.455	9.598	13.13	12.60	1.0	1.0
S.Mitrovica	2017.	69.350	75.450	16.30	16.31	9.909	10.681	11.314	12.304	14.28	14.15	1.4	1.9
Sombor	2017.	58.253	77.605	15.81	15.68	8.061	10.491	9.208	12.167	13.84	13.52	1.5	1.3
	2018.	95.864	92.117	15.66	15.20	12.968	11.967	15.016	13.994	13.53	13.00	1.8	1.8
	☒	77.058	84.861	15.74	15.44	10.515	11.229	12.112	13.080	13.69	13.26	1.6	1.5
☒ (2017-2018.)		66,379	76.008	15,92 <sup>o</sup>	15.72	9.086	10.195	10.537	11.916	13.73	13.45	1.7	2.0
lsd	0.05	3.450		0.45									
	0.01	4.539		0.59									
Cv		10.20		3.57									

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	2017.	79.525	72.725	16.37	16.74	11.283	10.469	13.013	12.175	14.20	14.40	2.0	2.0
	2018.	104.800	104.750	15.17	15.16	13.552	13.415	15.899	15.885	12.93	12.80	3.0	4.0
	☒	92.163	88.738	15.77	15.95	12.418	11.942	14.456	14.030	13.56	13.60	2.5	3.0
Novi Sad	2017.	59.325	49.675	15.63	15.67	8.005	6.623	9.282	7.772	13.48	13.38		
	2018.	86.425	71.167	14.25	16.08	10.282	9.790	12.304	11.437	11.91	13.77	2.8	2.8
	☒	72.875	60.421	14.94	15.88	9.143	8.207	10.793	9.605	12.69	13.57	2.8	2.8
Pančevo	2017.	59.465	64.578	15.28	14.88	7.896	8.123	9.104	9.598	13.25	12.60	1.0	1.0
	2018.	85.800	64.525	15.11	15.60	10.867	8.328	12.983	10.038	12.65	12.95	1.0	0.8
	☒	72.633	64.551	15.20	15.24	9.381	8.226	11.044	9.818	12.95	12.77	1.0	0.9
S.Mitrovica	2017.	82.150	75.450	16.28	16.31	11.768	10.681	13.382	12.304	14.31	14.15	1.1	1.9
Sombor	2017.	67.851	77.605	15.60	15.68	9.324	10.491	10.585	12.167	13.74	13.52	1.8	1.3
	2018.	99.250	92.117	15.21	15.20	12.978	11.967	15.096	13.994	13.08	13.00	2.8	1.8
	☒	83.551	84.861	15.41	15.44	11.151	11.229	12.841	13.080	13.41	13.26	2.3	1.5
☒ (2017-2018.)		80,510 <sup>++</sup>	74.732	15,43 <sup>o</sup>	15.70	10.662	9.987	12.406	11.708	13.28	13.40	1.7	1.7
Isd	0.05	3.450		0.45									
	0.01	4.539		0.59									
Cv		10.20		3.57									

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	2017.	70.825	72.725	17.05	16.74	10.684	10.469	12.088	12.175	15.07	14.40	3.0	2.0
	2018.	94.900	104.750	14.52	15.16	11.593	13.415	13.810	15.885	12.18	12.80	3.0	4.0
	☒	82.863	88.738	15.78	15.95	11.139	11.942	12.949	14.030	13.63	13.60	3.0	3.0
Novi Sad	2017.	50.775	49.675	16.07	15.67	6.906	6.623	8.163	7.772	13.59	13.38		
	2018.	79.175	71.167	14.03	16.08	9.431	9.790	11.113	11.437	11.89	13.77	3.3	2.8
	☒	64.975	60.421	15.05	15.88	8.168	8.207	9.638	9.605	12.74	13.57	3.3	2.8
Pančevo	2017.	51.350	64.578	16.98	14.88	7.714	8.123	8.766	9.598	14.94	12.60	1.0	1.0
	2018.	63.975	64.525	16.18	15.60	8.560	8.328	10.284	10.038	13.46	12.95	1.0	0.8
	☒	57.663	64.551	16.58	15.24	8.137	8.226	9.525	9.818	14.20	12.77	1.0	0.9
S.Mitrovica	2017.	63.825	75.450	16.18	16.31	8.550	10.681	10.319	12.304	13.39	14.15	1.4	1.9
Sombor	2017.	71.421	77.605	15.77	15.68	9.854	10.491	11.262	12.167	13.79	13.52	2.0	1.3
	2018.	91.712	92.117	15.08	15.20	11.780	11.967	13.825	13.994	12.84	13.00	3.5	1.8
	☒	81.567	84.861	15.42	15.44	10.817	11.229	12.543	13.080	13.32	13.26	2.8	1.5
☒ (2017-2018.)		70,884 <sup>a</sup>	74.732	15,76 <sup>o</sup>	15.70	9.452	9.987	11.070	11.708	13.46	13.40	1.9	1.7
Isd	0.05	3.450		0.45									
	0.01	4.539		0.59									
Cv		10.20		3.57									



Tabela 1 - Proizvodna i tehnološka svojstva sorte 19

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 19	Original	Sorta 19	Original	Sorta 19	Original	Sorta 19	Original	Sorta 19	Original	Sorta 19	Original
Kikinda	2017.	75.250	72.725	17.45	16.74	11.560	10.469	13.124	12.175	15.37	14.40	3.0	2.0
	2018.	108.400	104.750	15.03	15.16	13.647	13.415	16.299	15.885	12.59	12.80	2.0	4.0
	☒	91.825	88.738	16.24	15.95	12.604	11.942	14.711	14.030	13.98	13.60	2.5	3.0
Novi Sad	2017.	55.725	49.675	15.23	15.67	7.208	6.623	8.491	7.772	12.93	13.38		
	2018.	78.450	71.167	14.30	16.08	9.423	9.790	11.250	11.437	11.98	13.77	2.5	2.8
	☒	67.088	60.421	14.77	15.88	8.315	8.207	9.871	9.605	12.45	13.57	2.5	2.8
Pančevo	2017.	57.335	64.578	15.55	14.88	7.627	8.123	8.919	9.598	13.30	12.60	1.0	1.0
	2018.	80.625	64.525	16.08	15.60	10.902	8.328	12.965	10.038	13.52	12.95	1.8	0.8
	☒	68.980	64.551	15.81	15.24	9.265	8.226	10.942	9.818	13.41	12.77	1.4	0.9
S.Mitrovica	2017.	64.075	75.450	16.31	16.31	9.218	10.681	10.449	12.304	14.38	14.15	1.4	1.9
Sombor	2017.	67.581	77.605	16.29	15.68	9.732	10.491	11.007	12.167	14.40	13.52	1.5	1.3
	2018.	93.069	92.117	15.71	15.20	12.619	11.967	14.628	13.994	13.55	13.00	2.5	1.8
	☒	80.325	84.861	16.00	15.44	11.176	11.229	12.818	13.080	13.98	13.26	2.0	1.5
☒ (2017-2018.)		75,612 <sup>o</sup>	74.732	15,77 <sup>o</sup>	15.70	10.215	9.987	11.903	11.708	13.56	13.40	1.8	1.7
Isd	0.05	3.450		0.45									
	0.01	4.539		0.59									
Cv		10.20		3.57									

Tabela 2 - Proizvodna i tehnološka svojstva sorte 19 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 19	Bruna	Sorta 19	Bruna	Sorta 19	Bruna	Sorta 19	Bruna	Sorta 19	Bruna	Sorta 19	Bruna
Senta	2017.	63.150	51.460	17.23	17.01	9.641	7.736	10.896	8.733	15.25	15.09	2.3	2.3
Sombor	2017.	53.363	47.856	16.47	16.62	7.770	7.038	8.788	7.949	14.57	14.72	1.3	1.5
☒ (2017-2018.)		58,256 <sup>+</sup>	49.658	16,85 <sup>o</sup>	16.81	8.706	7.387	9.842	8.341	14.91	14.90	2.1	2.1
Isd		0.05	8.041	0.30									
		0.01	10.709	0.40									
Cv		15.93		1.84									

**ŠEĆERNA REPA - Beta vulgaris L. altissima Doell.**

Šifra	Registarski broj	Prinos korena		Sadržaj šećera		Prinos kristalnog šećera	
		t/ha	Index (%)	(%)	Index (%)	t/ha	Index (%)
<b>Original</b>		<b>74.732</b>	<b>100.00</b>	<b>15.70</b>	<b>100.00</b>	<b>9.987</b>	<b>100.00</b>
1	320-04-999/2017-11	<b>75.027</b> ° 0.295	100.39	<b>15.29</b> ° -0.41	97.39	<b>9.757</b> -0.230	97.70
2	320-04-1001/2017-11	<b>79.240</b> + 4.508	106.03	<b>15.07</b> ° -0.63	95.99	<b>10.098</b> 0.111	101.11
3	320-04-1003/2017-11	<b>74.303</b> ° -0.429	99.43	<b>15.58</b> ° -0.12	99.24	<b>9.932</b> -0.055	99.45
4	320-04-364/2017-11	<b>70.496</b> ° -4.236	94.33	<b>15.81</b> ° 0.11	100.70	<b>9.522</b> -0.465	95.34
5	320-04-363/2017-11	<b>71.093</b> ° -3.639	95.13	<b>16.02</b> ° 0.32	102.04	<b>9.732</b> -0.255	97.45
6	320-04-362/2017-11	<b>70.440</b> ° -4.292	94.26	<b>15.97</b> ° 0.27	101.72	<b>9.605</b> -0.382	96.18
7	320-04-361/2017-11	<b>71.713</b> ° -3.019	95.96	<b>16.03</b> ° 0.33	102.10	<b>9.834</b> -0.153	98.47
8	320-04-748/2017-11	<b>80.483</b> ° 5.751	107.69	<b>15.48</b> ° -0.22	98.60	<b>10.663</b> 0.676	106.77
9	320-04-749/2017-11	<b>77.083</b> ° 2.351	103.15	<b>15.34</b> ° -0.36	97.71	<b>9.816</b> -0.171	98.29
10	320-04-750/2017-11	<b>72.332</b> ° -2.400	96.79	<b>16.24</b> ° 0.54	103.44	<b>10.154</b> 0.167	101.67
11	320-04-751/2017-11	<b>71.543</b> ° -3.189	95.73	<b>15.52</b> ° -0.18	98.85	<b>9.510</b> -0.477	95.22
12	320-04-752/2017-11	<b>69.398</b> ° -5.334	92.86	<b>16.10</b> ° 0.40	102.55	<b>9.627</b> -0.360	96.40
13	320-04-753/2017-11	<b>74.348</b> ° -0.384	99.49	<b>15.77</b> ° 0.07	100.45	<b>10.091</b> 0.104	101.04
14	320-04-754/2017-11	<b>77.446</b> ° 2.714	103.63	<b>16.02</b> ° 0.32	102.04	<b>10.692</b> 0.705	107.06
15	320-04-756/2017-11	<b>66.498</b> ° -8.234	88.98	<b>15.90</b> ° 0.20	101.27	<b>8.996</b> -0.991	90.08
17	320-04-870/2017-11	<b>80.510</b> ° 5.778	107.73	<b>15.43</b> ° -0.27	98.28	<b>10.662</b> 0.675	106.76
18	320-04-623/2017-11	<b>70.884</b> ° -3.848	94.85	<b>15.76</b> ° 0.06	100.38	<b>9.452</b> -0.535	94.64
19	320-04-621/2017-11	<b>75.612</b> ° 0.880	101.18	<b>15.77</b> ° 0.07	100.45	<b>10.215</b> 0.228	102.28
<b>Original</b>		<b>76.008</b>	<b>100.00</b>	<b>15.72</b>	<b>100.00</b>	<b>10.195</b>	<b>100.00</b>
16	320-04-755/2017-11	<b>66.379</b> ° -9.629	87.33	<b>15.92</b> ° 0.20	101.27	<b>9.086</b> -1.109	89.12
<b>Tibor</b>		<b>67.483</b>		<b>16.00</b>		<b>9.830</b>	

### REZULTATI SA ZEMLJIŠTA ZARAŽENOG NEMATODAMA

Šifra	Registarski broj	Prinos korena		Sadržaj šećera		Prinos kristalnog šećera	
		t/ha	Index (%)	(%)	Index (%)	t/ha	Index (%)
<b>Bruna</b>		<b>49.658</b>	<b>100.00</b>	<b>16.81</b>	<b>100.00</b>	<b>7.387</b>	<b>100.00</b>
2	320-04-1001/2017-11	<b>47.909</b> ° -1.749	96.48	<b>16.18</b> ° ° -0.63	96.25	<b>6.771</b> -0.616	91.66
3	320-04-1003/2017-11	<b>55.306</b> ° 5.648	111.37	<b>16.18</b> ° ° -0.63	96.25	<b>7.766</b> 0.379	105.13
6	320-04-362/2017-11	<b>56.052</b> ° 6.394	112.88	<b>16.75</b> ° -0.06	99.64	<b>8.196</b> 0.809	110.95
7	320-04-361/2017-11	<b>44.806</b> ° -4.852	90.23	<b>16.70</b> ° -0.11	99.35	<b>6.574</b> -0.813	88.99
11	320-04-751/2017-11	<b>56.639</b> ° 6.981	114.06	<b>16.21</b> ° ° -0.60	96.43	<b>8.035</b> 0.648	108.77
15	320-04-756/2017-11	<b>54.486</b> ° 4.828	109.72	<b>16.60</b> ° -0.21	98.75	<b>7.778</b> 0.391	105.29
19	320-04-621/2017-11	<b>58.256</b> ° 8.598	117.31	<b>16.85</b> ° 0.04	100.24	<b>8.706</b> 1.319	117.86