

Hibrid 1

Reg.broj 320-04-268/2007-08

PROIZVODNE VREDNOSTI HIBRIDA

Tabela 1.

Lokalitet	Godina	Sadržaj vlage (%)		Prinos ploda (kg/ha)		Sadržaj ulja (%)		Prinos ulja (kg/ha)	
		Hibrid 1	NS-Dukat	Hibrid 1	NS-Dukat	Hibrid 1	NS-Dukat	Hibrid 1	NS-Dukat
Kikinda	2007.	7.05	6.88	4092	2649	46.85	46.58	2039	1288
	2008.	5.75	5.18	4331	2823	48.24	48.55	2147	1332
	\bar{x}	6.40	6.03	4212	2736	47.55	47.56	2093	1310
Novi Sad	2007.	8.65	8.95	4653	3646	44.20	48.51	1965	1791
	2008.	8.45	8.25	5008	3001	49.20	50.20	2578	1492
	\bar{x}	8.55	8.60	4831	3324	46.70	49.36	2271	1642
Pančevo	2007.	6.90	6.90	3793	3086	48.73	45.40	1853	1319
	2008.	10.38	9.20	3704	2556	49.87	47.93	1813	1186
	\bar{x}	8.64	8.05	3749	2821	49.30	46.66	1833	1253
Sombor	2007.	6.58	6.70	3944	3144	48.02	48.42	1925	1488
	2008.	6.30	6.48	4504	3995	50.23	50.06	2335	2030
	\bar{x}	6.44	6.59	4224	3569	49.13	49.24	2130	1759
Zaječar	2007.	8.58	8.28	1332	1245	40.63	43.01	545	530
	2008.	9.68	7.13	3048	3220	43.62	44.49	1314	1461
	\bar{x}	9.13	7.70	2190	2233	42.13	43.75	930	995
Zrenjanin	2007.	8.23	7.90	3283	2427	47.29	46.60	1574	1013
	2008.	7.20	7.30	3817	2664	48.92	47.57	1796	1255
	\bar{x}	7.71	7.60	3550	2546	48.11	47.09	1685	1134
\bar{x}	2007.	7.66	7.60	3516	2699	45.95	46.42	1650	1238
	2008.	7.96	7.25	4069	3043	48.35	48.13	1997	1459
\bar{x} (2007-2008.)		7.81	7.43	3793⁺⁺	2871	47.15	47.28	1824⁺⁺	1349
			d 0.05	136				90	
			d 0.01	166				110	
			Cv	7.63				7.22	

OTPORNOST PREMA BOLESTIMA

Tabela 2.

Lokalitet	Godina	Orobanche spp. (prosečan broj napadnutih biljaka)		Plasmopara helianthi (%)		Phomopsis helianthi (%)		Phoma spp. (0-5)		Sclerotinia sclerotiorum (%)					
										koren		stablo		glava	
		Hibrid 1	NS-Dukat	Hibrid 1	NS-Dukat	Hibrid 1	NS-Dukat	Hibrid 1	NS-Dukat	Hibrid 1	NS-Dukat	Hibrid 1	NS-Dukat	Hibrid 1	NS-Dukat
Kikinda	2007.							1	1						
	2008.							2	2						
	\bar{x}							1.5	1.5						
Novi Sad	2007.					4.0	12.0	1	1	0	0	0	0	0	1
	2008.					14.3	5.1	1	1	0	0	0	0	0	0
	\bar{x}					9.1	8.5	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.5
Pančevo	2007.			0	0	13	21	2	2	0	0	0	0	0	0
	2008.			0	31.5	9	10	0	0	0	0	0	0	0	0
	\bar{x}			0.0	15.8	11.0	15.5	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
Sombor	2007.	1	2	0	2	0	0	2	2	7	8	0	0	0	0
	2008.	5		1	1	16	16	1	1	8	12	0	0	0	0
	\bar{x}	3.0	2	0.5	1.5	8.0	8.0	1.5	1.5	7.5	10.0	0.0	0.0	0.0	0.0
Zaječar	2007.														
	2008.							0	0						
	\bar{x}							0.0	0.0						
Zrenjanin	2007.							1	1						
	2008.							1	1						
	\bar{x}							1.0	1.0						
\bar{x} (2007-2008.)		3.0	2.0	0.2	8.6	9.4	10.7	1.1	1.1	2.5	3.3	0.0	0.0	0.0	0.2

Hibrid 2

Reg.broj 320-04-1014/2007-08

PROIZVODNE VREDNOSTI HIBRIDA

Tabela 1.

Lokalitet	Godina	Sadržaj vlage (%)		Prinos ploda (kg/ha)		Sadržaj ulja (%)		Prinos ulja (kg/ha)	
		Hibrid 2	NS-Dukat	Hibrid 2	NS-Dukat	Hibrid 2	NS-Dukat	Hibrid 2	NS-Dukat
Kikinda	2007.	7.05	6.88	3695	2649	49.95	46.58	1821	1288
	2008.	8.35	5.18	3852	2823	52.60	48.55	2064	1332
	\bar{x}	7.70	6.03	3774	2736	51.28	47.56	1943	1310
Novi Sad	2007.	7.83	8.95	4642	3646	47.15	48.51	2314	1791
	2008.	8.68	8.25	4761	3001	53.50	50.20	2353	1492
	\bar{x}	8.25	8.60	4701	3324	50.33	49.36	2334	1642
Pančevo	2007.	8.23	6.90	3992	3086	49.22	45.40	1975	1319
	2008.	10.90	9.20	3593	2556	53.89	47.93	1818	1186
	\bar{x}	9.56	8.05	3792	2821	51.55	46.66	1896	1253
Sombor	2007.	6.50	6.70	3021	3144	49.92	48.42	1503	1488
	2008.	6.30	6.48	4114	3995	53.13	50.06	2188	2030
	\bar{x}	6.40	6.59	3567	3569	51.53	49.24	1846	1759
Zaječar	2007.	8.88	8.28	1264	1245	45.18	43.01	580	530
	2008.	8.18	7.13	3184	3220	48.25	44.49	1558	1461
	\bar{x}	8.53	7.70	2224	2233	46.71	43.75	1069	995
Zrenjanin	2007.	7.85	7.90	3727	2427	50.33	46.60	1930	1013
	2008.	6.80	7.30	3611	2664	53.43	47.57	1923	1255
	\bar{x}	7.33	7.60	3669	2546	51.88	47.09	1926	1134
\bar{x}	2007.	7.72	7.60	3390	2699	48.62	46.42	1687	1238
	2008.	8.20	7.25	3853	3043	52.47	48.13	1984	1459
\bar{x} (2007-2008.)		7.96	7.43	3621⁺⁺	2871	50.55	47.28	1836⁺⁺	1349
			d 0.05	136				90	
			d 0.01	166				110	
			Cv	7.63				7.22	

OTPORNOST PREMA BOLESTIMA

Tabela 2.

Lokalitet	Godina	Orobanche spp. (prosečan broj napadnutih biljaka)		Plasmopara helianthi (%)		Phomopsis helianthi (%)		Phoma spp. (0-5)		Sclerotinia sclerotiorum (%)					
										koren		stablo		glava	
		Hibrid 2	NS-Dukat	Hibrid 2	NS-Dukat	Hibrid 2	NS-Dukat	Hibrid 2	NS-Dukat	Hibrid 2	NS-Dukat	Hibrid 2	NS-Dukat	Hibrid 2	NS-Dukat
Kikinda	2007.							0	1						
	2008.							2	2						
	\bar{x}							1.0	1.5						
Novi Sad	2007.					7.0	12.0	1	1	0	0	0	0	0	1
	2008.					9.1	5.1	1	1	17	0	0	0	0	0
	\bar{x}					8.0	8.5	1.0	1.0	8.5	0.0	0.0	0.0	0.0	0.5
Pančevo	2007.			0	0	13	21	2	2	0	0	0	0	0	0
	2008.			0	31.5	21	10	0	0	0	0	0	0	0	0
	\bar{x}			0.0	15.8	11.3	15.5	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
Sombor	2007.	3	2	0	2	0	0	2	2	7	8	0	0	0	0
	2008.	42		1	1	12	16	1	1	8	12	0	0	0	0
	\bar{x}	22.5	2	0.5	1.5	6.0	8.0	1.5	1.5	7.5	10.0	0.0	0.0	0.0	0.0
Zaječar	2007.														
	2008.							0	0						
	\bar{x}							0.0	0.0						
Zrenjanin	2007.							1	1						
	2008.							1	1						
	\bar{x}							1.0	1.0						
\bar{x} (2007-2008.)		22.5	2.0	0.2	8.6	8.4	10.7	1.0	1.1	5.3	3.3	0.0	0.0	0.0	0.2

Hibrid 3

Reg.broj 320-04-1015/2007-08

PROIZVODNE VREDNOSTI HIBRIDA

Tabela 1.

Lokalitet	Godina	Sadržaj vlage (%)		Prinos ploda (kg/ha)		Sadržaj ulja (%)		Prinos ulja (kg/ha)	
		Hibrid 3	NS-Dukat	Hibrid 3	NS-Dukat	Hibrid 3	NS-Dukat	Hibrid 3	NS-Dukat
Kikinda	2007.	7.18	6.88	3017	2649	47.86	46.58	1457	1288
	2008.	9.25	5.18	3645	2823	47.92	48.55	1659	1332
	\bar{x}	8.21	6.03	3331	2736	47.89	47.56	1558	1310
Novi Sad	2007.	8.63	8.95	4249	3646	42.78	48.51	1787	1791
	2008.	8.65	8.25	4183	3001	47.73	50.20	1940	1492
	\bar{x}	8.64	8.60	4216	3324	45.26	49.36	1864	1642
Pančevo	2007.	12.28	6.90	4058	3086	47.33	45.40	1935	1319
	2008.	13.13	9.20	3830	2556	49.02	47.93	1837	1186
	\bar{x}	12.70	8.05	3944	2821	48.17	46.66	1886	1253
Sombor	2007.	7.05	6.70	3869	3144	46.14	48.42	1897	1488
	2008.	6.38	6.48	4297	3995	48.81	50.06	2066	2030
	\bar{x}	6.71	6.59	4083	3569	47.48	49.24	1981	1759
Zaječar	2007.	8.60	8.28	1205	1245	44.94	43.01	536	530
	2008.	7.53	7.13	2958	3220	46.47	44.49	1366	1461
	\bar{x}	8.06	7.70	2082	2233	45.71	43.75	951	995
Zrenjanin	2007.	9.30	7.90	3201	2427	46.30	46.60	1318	1013
	2008.	8.58	7.30	3633	2664	49.97	47.57	1794	1255
	\bar{x}	8.94	7.60	3417	2546	48.13	47.09	1556	1134
\bar{x}	2007.	8.84	7.60	3266	2699	45.89	46.42	1488	1238
	2008.	8.92	7.25	3758	3043	48.32	48.13	1777	1459
\bar{x} (2007-2008.)		8.88	7.43	3512⁺⁺	2871	47.11	47.28	1633⁺⁺	1349
			d 0.05	136				90	
			d 0.01	166				110	
			Cv	7.63				7.22	

OTPORNOST PREMA BOLESTIMA

Tabela 2.

Lokalitet	Godina	Orobanche spp. (prosečan broj napadnutih biljaka)		Plasmopara helianthi (%)		Phomopsis helianthi (%)		Phoma spp. (0-5)		Sclerotinia sclerotiorum (%)					
										koren		stablo		glava	
		Hibrid 3	NS-Dukat	Hibrid 3	NS-Dukat	Hibrid 3	NS-Dukat	Hibrid 3	NS-Dukat	Hibrid 3	NS-Dukat	Hibrid 3	NS-Dukat	Hibrid 3	NS-Dukat
Kikinda	2007.							0	1						
	2008.							2	2						
	\bar{x}							1.0	1.5						
Novi Sad	2007.					1.0	12.0	1	1	1	0	0	0	1	1
	2008.					14.9	5.1	1	1	1	0	0	0	1	0
	\bar{x}					8.0	8.5	1.0	1.0	1.0	0.0	0.0	0.0	1.0	0.5
Pančevo	2007.			0	0	9	21	2	2	0	0	0	0	0	0
	2008.			0	31.5	5	10	0	0	0	0	0	0	0	0
	\bar{x}			0.0	15.8	7.0	15.5	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
Sombor	2007.	0	2	0	2	7	0	2	2	8	8	0	0	0	0
	2008.	13		1	1	12	16	1	1	10	12	0	0	0	0
	\bar{x}	6.5	2	0.5	1.5	9.5	8.0	1.5	1.5	9.0	10.0	0.0	0.0	0.0	0.0
Zaječar	2007.														
	2008.							0	0						
	\bar{x}							0.0	0.0						
Zrenjanin	2007.							1	1						
	2008.							1	1						
	\bar{x}							1.0	1.0						
\bar{x} (2007-2008.)		6.5	2.0	0.3	8.6	8.2	10.7	1.0	1.1	3.3	3.3	0.0	0.0	0.3	0.2

Hibrid 4

Reg.broj 320-04-1016/2007-08

PROIZVODNE VREDNOSTI HIBRIDA

Tabela 1.

Lokalitet	Godina	Sadržaj vlage (%)		Prinos ploda (kg/ha)		Sadržaj ulja (%)		Prinos ulja (kg/ha)	
		Hibrid 4	NS-Dukat	Hibrid 4	NS-Dukat	Hibrid 4	NS-Dukat	Hibrid 4	NS-Dukat
Kikinda	2007.	6.88	6.88	3684	2649	49.57	46.58	1802	1288
	2008.	7.58	5.18	3556	2823	49.51	48.55	1796	1332
	\bar{x}	7.23	6.03	3620	2736	49.54	47.56	1799	1310
Novi Sad	2007.	8.90	8.95	4468	3646	45.28	48.51	2005	1791
	2008.	8.53	8.25	4469	3001	51.48	50.20	2378	1492
	\bar{x}	8.71	8.60	4468	3324	48.38	49.36	2192	1642
Pančevo	2007.	10.80	6.90	4314	3086	48.06	45.40	1999	1319
	2008.	10.80	9.20	3314	2556	49.53	47.93	1629	1186
	\bar{x}	10.80	8.05	3814	2821	48.80	46.66	1814	1253
Sombor	2007.	6.98	6.70	3798	3144	48.27	48.42	1834	1488
	2008.	6.15	6.48	4027	3995	50.25	50.06	2011	2030
	\bar{x}	6.56	6.59	3913	3569	49.26	49.24	1923	1759
Zaječar	2007.	9.00	8.28	1136	1245	43.63	43.01	496	530
	2008.	9.08	7.13	2985	3220	45.74	44.49	1403	1461
	\bar{x}	9.04	7.70	2061	2233	44.68	43.75	949	995
Zrenjanin	2007.	8.10	7.90	3716	2427	49.25	46.60	1768	1013
	2008.	7.48	7.30	3594	2664	49.02	47.57	1762	1255
	\bar{x}	7.79	7.60	3655	2546	49.13	47.09	1765	1134
\bar{x}	2007.	8.44	7.60	3519	2699	47.34	46.42	1651	1238
	2008.	8.27	7.25	3658	3043	49.26	48.13	1830	1459
\bar{x} (2007-2008.)		8.35	7.43	3589⁺⁺	2871	48.30	47.28	1740⁺⁺	1349
			d 0.05	136				90	
			d 0.01	166				110	
			Cv	7.63				7.22	

OTPORNOST PREMA BOLESTIMA

Tabela 2.

Lokalitet	Godina	Orobanche spp. (prosečan broj napadnutih biljaka)		Plasmopara helianthi (%)		Phomopsis helianthi (%)		Phoma spp. (0-5)		Sclerotinia sclerotiorum (%)					
										koren		stablo		glava	
		Hibrid 4	NS-Dukat	Hibrid 4	NS-Dukat	Hibrid 4	NS-Dukat	Hibrid 4	NS-Dukat	Hibrid 4	NS-Dukat	Hibrid 4	NS-Dukat	Hibrid 4	NS-Dukat
Kikinda	2007.							0	1						
	2008.							2	2						
	\bar{x}							1.0	1.5						
Novi Sad	2007.					5.0	12.0	1	1	1	0	0	0	1	1
	2008.					5.8	5.1	1	1	3	0	0	0	0	0
	\bar{x}					5.4	8.5	1.0	1.0	2.0	0.0	0.0	0.0	0.5	0.5
Pančevo	2007.			0	0	14	21	2	2	0	0	0	0	0	0
	2008.			0	31.5	4	10	0	0	0	0	0	0	0	0
	\bar{x}			0.0	15.8	9.0	15.5	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
Sombor	2007.	65	2	0	2	7	0	2	2	7	8	0	0	0	0
	2008.	54		2	1	4	16	1	1	4	12	0	0	0	0
	\bar{x}	59.5	2	1.0	1.5	5.5	8.0	1.5	1.5	5.5	10.0	0.0	0.0	0.0	0.0
Zaječar	2007.														
	2008.							0	0						
	\bar{x}							0.0	0.0						
Zrenjanin	2007.							1	1						
	2008.							1	1						
	\bar{x}							1.0	1.0						
\bar{x} (2007-2008.)		59.5	2.0	0.5	8.6	6.6	10.7	1.0	1.1	2.5	3.3	0.0	0.0	0.2	0.2

Hibrid 5

Reg.broj 320-04-1455/2007-08

PROIZVODNE VREDNOSTI HIBRIDA

Tabela 1.

Lokalitet	Godina	Sadržaj vlage (%)		Prinos ploda (kg/ha)		Sadržaj ulja (%)		Prinos ulja (kg/ha)	
		Hibrid 5	Barolo	Hibrid 5	Barolo	Hibrid 5	Barolo	Hibrid 5	Barolo
Kikinda	2007.	7.65	9.98	3345	3363	48.11	48.18	1620	1626
	2008.	7.80	9.55	3842	4176	49.62	50.27	1899	2022
	\bar{x}	7.73	9.76	3593	3770	48.86	49.22	1760	1824
Novi Sad	2007.	8.71	7.35	3900	4756	46.94	47.73	1851	2350
	2008.	7.95	9.25	3877	4434	49.95	52.49	1855	2299
	\bar{x}	8.33	8.30	3889	4595	48.45	50.11	1853	2324
Pančevo	2007.	9.83	9.00	3699	3611	50.34	47.15	2012	1895
	2008.	8.53	10.80	3086	3887	48.90	50.82	1546	2067
	\bar{x}	9.18	9.90	3393	3749	49.62	48.99	1779	1981
Sombor	2007.	6.33	6.10	2896	3295	50.11	50.88	1377	1457
	2008.	6.10	6.90	4448	3995	49.90	50.68	2100	2151
	\bar{x}	6.21	6.50	3672	3645	50.01	50.78	1739	1804
Zaječar	2007.	9.15	8.23	1441	1301	41.70	42.41	594	552
	2008.	7.75	9.53	3337	3310	42.62	46.95	1430	1533
	\bar{x}	8.45	8.88	2389	2305	42.16	44.68	1012	1043
Zrenjanin	2007.	8.53	8.75	3101	3546	49.45	47.54	1503	1706
	2008.	7.13	8.05	3654	3937	50.62	48.79	1853	1917
	\bar{x}	7.83	8.40	3377	3741	50.04	48.17	1678	1812
\bar{x}	2007.	8.36	8.23	3064	3312	47.77	47.31	1493	1598
	2008.	7.54	9.01	3707	3957	48.60	50.00	1780	1998
\bar{x} (2007-2008.)		7.95	8.62	3386	3634	48.19	48.66	1637	1798
			d 0.05	128				90	
			d 0.01	162				116	
			Cv	7.83				7.71	

OTPORNOST PREMA BOLESTIMA

Tabela 2.

Lokalitet	Godina	Orobanche spp. (prosečan broj napadnutih biljaka)		Plasmopara helianthi (%)		Phomopsis helianthi (%)		Phoma spp. (0-5)		Sclerotinia sclerotiorum (%)					
										koren		stablo		glava	
		Hibrid 5	Barolo RM	Hibrid 5	Barolo RM	Hibrid 5	Barolo RM	Hibrid 5	Barolo RM	Hibrid 5	Barolo RM	Hibrid 5	Barolo RM	Hibrid 5	Barolo RM
Kikinda	2007.							1	0						
	2008.							2	2						
	\bar{x}							1.5	1.0						
Novi Sad	2007.					6.0	1.0	1	1	0	1	0	0	0	0
	2008.					3.9	3.2	1	1	0	4	0	0	0	0
	\bar{x}					4.9	2.1	1.0	1.0	0.0	2.5	0.0	0.0	0.0	0.0
Pančevo	2007.			0	0	18	18	1	1	0	0	0	0	0	0
	2008.			34.5	0	5	4	0	0	0	0	0	1	0	0
	\bar{x}			17.3	0.0	11.6	10.8	0.5	0.5	0.0	0.0	0.0	0.5	0.0	0.0
Sombor	2007.	3	27	1	0	0	1	2	1	12	7	0	0	0	0
	2008.	0		1	1	12	4	1	1	0	8	0	0	0	0
	\bar{x}	1.5	27	1.0	0.5	6.0	2.5	1.5	1.0	6.0	7.5	0.0	0.0	0.0	0.0
Zaječar	2007.														
	2008.							0	0						
	\bar{x}							0.0	0.0						
Zrenjanin	2007.							1	1						
	2008.							1	1						
	\bar{x}							1.0	1.0						
\bar{x} (2007-2008.)		1.5	27.0	9.2	0.3	7.5	5.1	1.0	0.8	2.0	3.3	0.0	0.2	0.0	0.0

Hibrid 6

Reg.broj 320-04-1413/2007-08

PROIZVODNE VREDNOSTI HIBRIDA

Tabela 1.

Lokalitet	Godina	Sadržaj vlage (%)		Prinos ploda (kg/ha)		Sadržaj ulja (%)		Prinos ulja (kg/ha)	
		Hibrid 6	Barolo	Hibrid 6	Barolo	Hibrid 6	Barolo	Hibrid 6	Barolo
Kikinda	2007.	11.45	9.98	3099	3363	50.60	48.18	1606	1626
	2008.	9.10	9.55	4073	4176	52.35	50.27	2131	2022
	\bar{x}	10.28	9.76	3586	3770	51.48	49.22	1869	1824
Novi Sad	2007.	9.03	7.35	4059	4756	46.62	47.73	1828	2350
	2008.	8.18	9.25	4586	4434	51.50	52.49	2326	2299
	\bar{x}	8.60	8.30	4322	4595	49.06	50.11	2077	2324
Pančevo	2007.	12.10	9.00	4085	3611	48.10	47.15	2016	1895
	2008.	10.90	10.80	3943	3887	51.31	50.82	2045	2067
	\bar{x}	11.50	9.90	4014	3749	49.70	48.99	2030	1981
Sombor	2007.	5.68	6.10	3477	3295	52.43	50.88	1723	1457
	2008.	6.20	6.90	4536	3995	51.08	50.68	2346	2151
	\bar{x}	5.94	6.50	4007	3645	51.76	50.78	2034	1804
Zaječar	2007.	8.38	8.23	1671	1301	48.13	42.41	813	552
	2008.	10.05	9.53	3238	3310	44.90	46.95	1482	1533
	\bar{x}	9.21	8.88	2454	2305	46.51	44.68	1148	1043
Zrenjanin	2007.	9.98	8.75	3025	3546	46.72	47.54	1345	1706
	2008.	10.55	8.05	3511	3937	49.42	48.79	1770	1917
	\bar{x}	10.26	8.40	3268	3741	48.07	48.17	1558	1812
\bar{x}	2007.	9.43	8.23	3236	3312	48.77	47.31	1555	1598
	2008.	9.16	9.01	3981	3957	50.09	50.00	2017	1998
\bar{x} (2007-2008.)		9.30	8.62	3609°	3634	49.43	48.66	1786°	1798
			d 0.05	128				90	
			d 0.01	162				116	
			Cv	7.83				7.71	

OTPORNOST PREMA BOLESTIMA

Tabela 2.

Lokalitet	Godina	Orobanche spp. (prosečan broj napadnutih biljaka)		Plasmopara helianthi (%)		Phomopsis helianthi (%)		Phoma spp. (0-5)		Sclerotinia sclerotiorum (%)					
										koren		stablo		glava	
		Hibrid 6	Barolo RM	Hibrid 6	Barolo RM	Hibrid 6	Barolo RM	Hibrid 6	Barolo RM	Hibrid 6	Barolo RM	Hibrid 6	Barolo RM	Hibrid 6	Barolo RM
Kikinda	2007.							0	0						
	2008.							2	2						
	\bar{x}							1.0	1.0						
Novi Sad	2007.					2.0	1.0	1	1	1	1	0	0	1	0
	2008.					10.4	3.2	1	1	1	4	0	0	0	0
	\bar{x}					6.2	2.1	1.0	1.0	1	2.5	0.0	0.0	0.5	0.0
Pančevo	2007.			0	0	11	18	3	1	0	0	0	0	0	0
	2008.			0	0	5	4	0	0	0	0	0	1	0	0
	\bar{x}			0.0	0.0	8.0	10.8	1.5	0.5	0.0	0.0	0.0	0.5	0.0	0.0
Sombor	2007.	0	27	0	0	1	1	1	1	10	7	0	0	0	0
	2008.	2		2	1	20	4	2	1	7	8	0	0	0	0
	\bar{x}	1.0	27	1.0	0.5	10.5	2.5	1.5	1.0	8.5	7.5	0.0	0.0	0.0	0.0
Zaječar	2007.														
	2008.							1	0						
	\bar{x}							1.0	0.0						
Zrenjanin	2007.							1	1						
	2008.							2	1						
	\bar{x}							1.5	1.0						
\bar{x} (2007-2008.)		1.0	27.0	0.5	0.3	8.2	5.1	1.3	0.8	3.2	3.3	0.0	0.2	0.2	0.0

Hibrid 7

Reg.broj 320-04-720/2007-08

PROIZVODNE VREDNOSTI HIBRIDA

Tabela 1.

Lokalitet	Godina	Sadržaj vlage (%)		Prinos ploda (kg/ha)		Sadržaj ulja (%)		Prinos ulja (kg/ha)	
		Hibrid 7	Bačvanin	Hibrid 7	Bačvanin	Hibrid 7	Bačvanin	Hibrid 7	Bačvanin
Kikinda	2007.	8.75	7.80	3597	2978	52.16	47.36	1832	1378
	2008.	7.48	9.28	3988	3408	52.50	50.32	2028	1686
	\bar{x}	8.11	8.54	3793	3193	52.33	48.84	1930	1532
Novi Sad	2007.	8.43	9.23	4753	3892	52.37	49.49	2403	1917
	2008.	8.08	8.03	4591	3754	54.01	52.03	2436	1919
	\bar{x}	8.25	8.63	4672	3823	53.19	50.76	2420	1918
Pančevo	2007.	6.03	9.90	3596	3211	53.28	50.32	1883	1474
	2008.	8.58	9.05	3113	2971	52.16	50.91	1577	1557
	\bar{x}	7.30	9.48	3354	3091	52.72	50.61	1730	1515
Sombor	2007.	8.03	8.05	4194	4356	52.92	51.69	2043	2263
	2008.	6.33	6.28	4246	3522	53.75	49.92	2274	1844
	\bar{x}	7.18	7.16	4220	3939	53.33	50.81	2159	2053
Zaječar	2007.	8.73	8.10	1540	1604	46.45	47.95	705	778
	2008.	8.65	8.05	3187	3232	47.00	49.22	1486	1591
	\bar{x}	8.69	8.08	2364	2418	46.72	48.58	1095	1184
Zrenjanin	2007.	8.23	8.48	3440	3207	53.22	49.77	1886	1594
	2008.	6.75	6.98	3531	3487	53.86	52.00	1879	1813
	\bar{x}	7.49	7.73	3486	3347	53.54	50.89	1883	1704
\bar{x}	2007.	8.03	8.59	3520	3208	51.73	49.43	1792	1567
	2008.	7.64	7.94	3776	3396	52.21	50.73	1947	1735
\bar{x} (2007-2008.)		7.84	8.27	3648⁺⁺	3302	51.97	50.08	1869⁺⁺	1651
			d 0.05	149				122	
			d 0.01	177				146	
			Cv	7.82				8.82	

OTPORNOST PREMA BOLESTIMA

Tabela 2.

Lokalitet	Godina	Orobanche spp. (prosečan broj napadnutih biljaka)		Plasmopara helianthi (%)		Phomopsis helianthi (%)		Phoma spp. (0-5)		Sclerotinia sclerotiorum (%)					
										koren		stablo		glava	
		Hibrid 7	Bačvanin	Hibrid 7	Bačvanin	Hibrid 7	Bačvanin	Hibrid 7	Bačvanin	Hibrid 7	Bačvanin	Hibrid 7	Bačvanin	Hibrid 7	Bačvanin
Kikinda	2007.							1	1						
	2008.							2	2						
	\bar{x}							1.5	1.5						
Novi Sad	2007.					10.0	6.0	1	1	0	1	0	3	0	3
	2008.					16.5	0.9	1	1	1	2	0	0	1	0
	\bar{x}					13.3	3.5	1.0	1.0	0.5	1.5	0.0	1.5	0.5	1.5
Pančevo	2007.			0	0.5	8	14	2	4	0	0	0	3	0	0
	2008.			26.65	36.45	2	0	0	0	0	0	0	0	0	0
	\bar{x}			13.3	18.5	5.0	7.0	1.0	2.0	0.0	0.0	0.0	1.4	0.0	0.0
Sombor	2007.	0	0	0	0	5	5	1	1	7	7	0	0	0	0
	2008.	3	0	2	1	8	0	1	1	0	0	0	0	0	0
	\bar{x}	1.5	0.0	1.0	0.5	6.5	2.5	1.0	1.0	3.5	3.5	0.0	0.0	0.0	0.0
Zaječar	2007.														
	2008.							0	0						
	\bar{x}							0.0	0.0						
Zrenjanin	2007.							1	1						
	2008.							1	1						
	\bar{x}							1.0	1.0						
\bar{x} (2007-2008.)		1.5	0.0	7.2	9.5	8.3	4.3	1.0	1.2	1.3	1.7	0.0	1.0	0.2	0.5

Hibrid 8

Reg.broj 320-04-721/2007-08

PROIZVODNE VREDNOSTI HIBRIDA

Tabela 1.

Lokalitet	Godina	Sadržaj vlage (%)		Prinos ploda (kg/ha)		Sadržaj ulja (%)		Prinos ulja (kg/ha)	
		Hibrid 8	Bačvanin	Hibrid 8	Bačvanin	Hibrid 8	Bačvanin	Hibrid 8	Bačvanin
Kikinda	2007.	9.83	7.80	3863	2978	49.94	47.36	1795	1378
	2008.	7.23	9.28	4671	3408	50.77	50.32	2378	1686
	\bar{x}	8.53	8.54	4267	3193	50.36	48.84	2086	1532
Novi Sad	2007.	9.35	9.23	4509	3892	45.93	49.49	2053	1917
	2008.	8.60	8.03	4847	3754	50.01	52.03	2335	1919
	\bar{x}	8.98	8.63	4678	3823	47.97	50.76	2194	1918
Pančevo	2007.	7.78	9.90	3670	3211	47.29	50.32	1746	1474
	2008.	8.85	9.05	3783	2971	49.96	50.91	1871	1557
	\bar{x}	8.31	9.48	3726	3091	48.62	50.61	1809	1515
Sombor	2007.	11.03	8.05	3456	4356	49.56	51.69	1648	2263
	2008.	6.53	6.28	4403	3522	50.13	49.92	2276	1844
	\bar{x}	8.78	7.16	3930	3939	49.85	50.81	1962	2053
Zaječar	2007.	9.05	8.10	1472	1604	45.72	47.95	678	778
	2008.	8.13	8.05	3152	3232	43.96	49.22	1366	1591
	\bar{x}	8.59	8.08	2312	2418	44.84	48.58	1022	1184
Zrenjanin	2007.	8.30	8.48	3725	3207	50.95	49.77	1960	1594
	2008.	7.10	6.98	3610	3487	49.82	52.00	1785	1813
	\bar{x}	7.70	7.73	3668	3347	50.39	50.89	1873	1704
\bar{x}	2007.	9.22	8.59	3449	3208	48.23	49.43	1647	1567
	2008.	7.74	7.94	4078	3396	49.11	50.73	2002	1735
\bar{x} (2007-2008.)		8.48	8.27	3763⁺⁺	3302	48.67	50.08	1824⁺⁺	1651
			d 0.05	149				122	
			d 0.01	177				146	
			Cv	7.82				8.82	

OTPORNOST PREMA BOLESTIMA

Tabela 2.

Lokalitet	Godina	Orobanche spp. (prosečan broj napadnutih biljaka)		Plasmopara helianthi (%)		Phomopsis helianthi (%)		Phoma spp. (0-5)		Sclerotinia sclerotiorum (%)					
										koren		stablo		glava	
		Hibrid 8	Bačvanin	Hibrid 8	Bačvanin	Hibrid 8	Bačvanin	Hibrid 8	Bačvanin	Hibrid 8	Bačvanin	Hibrid 8	Bačvanin	Hibrid 8	Bačvanin
Kikinda	2007.							1	1						
	2008.							2	2						
	\bar{x}							1.5	1.5						
Novi Sad	2007.					7.0	6.0	1	1	0	1	0	3	0	3
	2008.					10.1	0.9	1	1	1	2	0	0	2	0
	\bar{x}					8.6	3.5	1.0	1.0	0.5	1.5	0.0	1.5	1.0	1.5
Pančevo	2007.			0	0.5	11	14	2	4	0	0	0	3	0	0
	2008.			0	36.45	4	0	0	0	0	0	0	0	0	0
	\bar{x}			0.0	18.5	7.5	7.0	1.0	2.0	0.0	0.0	0.0	1.4	0.0	0.0
Sombor	2007.	0	0	0	0	5	5	1	1	15	7	0	0	0	0
	2008.	1	0	1	1	8	0	1	1	0	0	0	0	0	0
	\bar{x}	0.5	0.0	0.5	0.5	6.5	2.5	1.0	1.0	7.5	3.5	0.0	0.0	0.0	0.0
Zaječar	2007.														
	2008.							0	0						
	\bar{x}							0.0	0.0						
Zrenjanin	2007.							1	1						
	2008.							1	1						
	\bar{x}								1.0						
\bar{x} (2007-2008.)		0.5	0.0	0.3	9.5	7.5	4.3	1.0	1.2	2.7	1.7	0.0	1.0	0.3	0.5

Hibrid 9**Reg.broj 320-04-1150/2007-08****PROIZVODNE VREDNOSTI HIBRIDA**

Tabela 1.

Lokalitet	Godina	Sadržaj vlage (%)		Prinos ploda (kg/ha)		Sadržaj ulja (%)		Prinos ulja (kg/ha)	
		Hibrid 9	Bačvanin	Hibrid 9	Bačvanin	Hibrid 9	Bačvanin	Hibrid 9	Bačvanin
Kikinda	2007.	7.83	7.80	3315	2978	51.31	47.36	1721	1378
	2008.	9.33	9.28	3875	3408	52.90	50.32	2016	1686
	\bar{x}	8.58	8.54	3595	3193	52.10	48.84	1868	1532
Novi Sad	2007.	8.28	9.23	4203	3892	50.87	49.49	2208	1917
	2008.	9.10	8.03	4289	3754	50.98	52.03	2222	1919
	\bar{x}	8.69	8.63	4246	3823	50.93	50.76	2215	1918
Pančevo	2007.	12.65	9.90	3716	3211	51.22	50.32	1877	1474
	2008.	14.25	9.05	3618	2971	50.95	50.91	1871	1557
	\bar{x}	13.45	9.48	3667	3091	51.09	50.61	1874	1515
Sombor	2007.	6.95	8.05	3504	4356	52.49	51.69	1935	2263
	2008.	7.53	6.28	4228	3522	51.85	49.92	2201	1844
	\bar{x}	7.24	7.16	3866	3939	52.17	50.81	2068	2053
Zaječar	2007.	8.90	8.10	1590	1604	46.34	47.95	738	778
	2008.	14.55	8.05	2991	3232	47.01	49.22	1402	1591
	\bar{x}	11.73	8.08	2291	2418	46.68	48.58	1070	1184
Zrenjanin	2007.	8.95	8.48	3153	3207	49.84	49.77	1610	1594
	2008.	8.18	6.98	3459	3487	52.50	52.00	1773	1813
	\bar{x}	8.56	7.73	3306	3347	51.17	50.89	1692	1704
\bar{x}	2007.	8.93	8.59	3247	3208	50.34	49.43	1682	1567
	2008.	10.49	7.94	3743	3396	51.03	50.73	1914	1735
\bar{x} (2007-2008.)		9.71	8.27	3495⁺⁺	3302	50.69	50.08	1798⁺⁺	1651
			d 0.05	149				122	
			d 0.01	177				146	
			Cv	7.82				8.82	

OTPORNOST PREMA BOLESTIMA

Tabela 2.

Lokalitet	Godina	Orobanche spp. (prosečan broj napadnutih biljaka)		Plasmopara helianthi (%)		Phomopsis helianthi (%)		Phoma spp. (0-5)		Sclerotinia sclerotiorum (%)					
										koren		stablo		glava	
		Hibrid 9	Bačvanin	Hibrid 9	Bačvanin	Hibrid 9	Bačvanin	Hibrid 9	Bačvanin	Hibrid 9	Bačvanin	Hibrid 9	Bačvanin	Hibrid 9	Bačvanin
Kikinda	2007.							1	1						
	2008.							3	2						
	\bar{x}							2.0	1.5						
Novi Sad	2007.					10.0	6.0	1	1	0	1	0	3	0	3
	2008.					6.1	0.9	1	1	1	2	0	0	1	0
	\bar{x}					8.1	3.5	1.0	1.0	0.5	1.5	0.0	1.5	0.5	1.5
Pančevo	2007.			0	0.5	18	14	3	4	0	0	0	3	0	0
	2008.			0	36.45	2	0	0	0	0	0	0	0	0	0
	\bar{x}			0.0	18.5	10.0	7.0	1.5	2.0	0.0	0.0	0.0	1.4	0.0	0.0
Sombor	2007.	8	0	0	0	5	5	1	1	7	7	0	0	0	0
	2008.	0	0	1	1	4	0	2	1	0	0	0	0	0	0
	\bar{x}	4.0	0.0	0.5	0.5	4.5	2.5	1.5	1.0	3.5	3.5	0.0	0.0	0.0	0.0
Zaječar	2007.														
	2008.							1	0						
	\bar{x}							1.0	0.0						
Zrenjanin	2007.							1	1						
	2008.							2	1						
	\bar{x}							1.5	1.0						
\bar{x} (2007-2008.)		4.0	0.0	0.3	9.5	7.5	4.3	1.5	1.2	1.3	1.7	0.0	1.0	0.2	0.5

Hibrid 10

Reg.broj 320-04-1551/2007-08

PROIZVODNE VREDNOSTI HIBRIDA

Tabela 1.

Lokalitet	Godina	Sadržaj vlage (%)		Prinos ploda (kg/ha)		Sadržaj ulja (%)		Prinos ulja (kg/ha)	
		Hibrid 10	Bačvanin	Hibrid 10	Bačvanin	Hibrid 10	Bačvanin	Hibrid 10	Bačvanin
Kikinda	2007.	7.73	7.80	2652	2978	53.13	47.36	1503	1378
	2008.	8.05	9.28	3369	3408	54.20	50.32	1822	1686
	\bar{x}	7.89	8.54	3010	3193	53.67	48.84	1662	1532
Novi Sad	2007.	8.68	9.23	3977	3892	49.47	49.49	1978	1917
	2008.	7.80	8.03	3907	3754	54.90	52.03	2186	1919
	\bar{x}	8.24	8.63	3942	3823	52.19	50.76	2082	1918
Pančevo	2007.	7.55	9.90	2686	3211	52.35	50.32	1167	1474
	2008.	10.95	9.05	3496	2971	54.40	50.91	1984	1557
	\bar{x}	9.25	9.48	3091	3091	53.38	50.61	1575	1515
Sombor	2007.	10.83	8.05	3412	4356	52.62	51.69	1711	2263
	2008.	6.45	6.28	3947	3522	53.01	49.92	2120	1844
	\bar{x}	8.64	7.16	3679	3939	52.82	50.81	1916	2053
Zaječar	2007.	8.90	8.10	1425	1604	49.54	47.95	695	778
	2008.	7.38	8.05	3089	3232	49.80	49.22	1547	1591
	\bar{x}	8.14	8.08	2257	2418	49.67	48.58	1121	1184
Zrenjanin	2007.	8.43	8.48	2903	3207	50.25	49.77	1458	1594
	2008.	7.78	6.98	3113	3487	52.23	52.00	1666	1813
	\bar{x}	8.10	7.73	3008	3347	51.24	50.89	1562	1704
\bar{x}	2007.	8.68	8.59	2843	3208	51.23	49.43	1419	1567
	2008.	8.07	7.94	3487	3396	53.09	50.73	1887	1735
\bar{x} (2007-2008.)		8.38	8.27	3165°	3302	52.16	50.08	1653°	1651
			d 0.05	149				122	
			d 0.01	177				146	
			Cv	7.82				8.82	

OTPORNOST PREMA BOLESTIMA

Tabela 2.

Lokalitet	Godina	Orobanche spp. (prosečan broj napadnutih biljaka)		Plasmopara helianthi (%)		Phomopsis helianthi (%)		Phoma spp. (0-5)		Sclerotinia sclerotiorum (%)					
										koren		stablo		glava	
		Hibrid 10	Bačvanin	Hibrid 10	Bačvanin	Hibrid 10	Bačvanin	Hibrid 10	Bačvanin	Hibrid 10	Bačvanin	Hibrid 10	Bačvanin	Hibrid 10	Bačvanin
Kikinda	2007.							1	1						
	2008.							3	2						
	\bar{x}							2.0	1.5						
Novi Sad	2007.					6.0	6.0	1	1	0	1	0	3	0	3
	2008.					9.2	0.9	1	1	3	2	0	0	0	0
	\bar{x}					7.6	3.5	1.0	1.0	1.5	1.5	0.0	1.5	0.0	1.5
Pančevo	2007.			0	0.5	13	14	2	4	0	0	0	3	0	0
	2008.			31.6	36.45	3	0	0	0	0	0	0	0	0	0
	\bar{x}			15.8	18.5	8.0	7.0	1.0	2.0	0.0	0.0	0.0	1.4	0.0	0.0
Sombor	2007.	73	0	0	0	7	5	1	1	7	7	0	0	0	0
	2008.	78	0	1	1	8	0	2	1	0	0	0	0	0	0
	\bar{x}	75.5	0.0	0.5	0.5	7.5	2.5	1.5	1.0	3.5	3.5	0.0	0.0	0.0	0.0
Zaječar	2007.														
	2008.							0	0						
	\bar{x}							0.0	0.0						
Zrenjanin	2007.							1	1						
	2008.							1	1						
	\bar{x}							1.0	1.0						
\bar{x} (2007-2008.)		75.5	0.0	8.2	9.5	7.7	4.3	1.2	1.2	1.7	1.7	0.0	1.0	0.0	0.5

TOLERANTNOST NA TRIBENURON-METIL

Tabela 3. **Hibrid 10**

Lokalitet	Godina	Proizvodne vrednosti			Otpornost prema bolestima					
		Prinos ploda (kg/ha)	Sadržaj ulja (%)	Prinos ulja (kg/ha)	Plasma-para helianthi (%)	Phomopsis helianthi (%)	Phoma spp. (0-5)	Sclerotinia sclerotiorum (%)		
								koren	stablo	glava
Novi Sad	2007.	5331	49.81	2649		23	1	0	0	0
	2008.	3580	52.72	1937		28.8	1	1.96	0	0.65
	\bar{x}	4455	51.27	2293		25.9	1	1	0	0.5
Pančevo	2007.	4481	48.19	2157	0.0	13.8	2	0	0	0
	2008.	2398	49.05	1247		8.0	0	0	0	0
	\bar{x}	3440	48.62	1702	0.0	11.0	1	0	0	0
Sombor	2007.	2106	52.31	870	0.0	3.0	0	1	0	0
	2008.	3543	51.12	1863		20.0	1	0	0	0
	\bar{x}	2824	51.71	1366	0.0	11.5	0.5	0.5	0	0
\bar{x} (2007-2008.)		3573	50.53	1787	0.0	16.1	0.83	0.49	0	0.11

Hibrid 11

Reg.broj 320-04-1552/2007-08

PROIZVODNE VREDNOSTI HIBRIDA

Tabela 1.

Lokalitet	Godina	Sadržaj vlage (%)		Prinos ploda (kg/ha)		Sadržaj ulja (%)		Prinos ulja (kg/ha)	
		Hibrid 11	Bačvanin	Hibrid 11	Bačvanin	Hibrid 11	Bačvanin	Hibrid 11	Bačvanin
Kikinda	2007.	6.85	7.80	2973	2978	52.59	47.36	1596	1378
	2008.	10.00	9.28	3483	3408	50.22	50.32	1721	1686
	\bar{x}	8.43	8.54	3228	3193	51.40	48.84	1659	1532
Novi Sad	2007.	10.95	9.23	3746	3892	50.14	49.49	1868	1917
	2008.	9.10	8.03	3202	3754	51.90	52.03	1565	1919
	\bar{x}	10.03	8.63	3474	3823	51.02	50.76	1716	1918
Pančevo	2007.	13.78	9.90	3511	3211	52.05	50.32	1866	1474
	2008.	16.58	9.05	3898	2971	50.97	50.91	2088	1557
	\bar{x}	15.18	9.48	3704	3091	51.51	50.61	1977	1515
Sombor	2007.	7.53	8.05	3593	4356	53.22	51.69	1872	2263
	2008.	8.08	6.28	3977	3522	52.60	49.92	2192	1844
	\bar{x}	7.80	7.16	3785	3939	52.91	50.81	2032	2053
Zaječar	2007.	8.78	8.10	1952	1604	49.59	47.95	986	778
	2008.	7.08	8.05	3098	3232	46.25	49.22	1412	1591
	\bar{x}	7.93	8.08	2525	2418	47.92	48.58	1199	1184
Zrenjanin	2007.	10.08	8.48	2974	3207	50.19	49.77	1522	1594
	2008.	8.85	6.98	3300	3487	53.02	52.00	1785	1813
	\bar{x}	9.46	7.73	3137	3347	51.61	50.89	1653	1704
\bar{x}	2007.	9.66	8.59	3125	3208	51.30	49.43	1618	1567
	2008.	9.95	7.94	3493	3396	50.83	50.73	1794	1735
\bar{x} (2007-2008.)		9.80	8.27	3309^o	3302	51.06	50.08	1706^o	1651
			d 0.05	149				122	
			d 0.01	177				146	
			Cv	7.82				8.82	

OTPORNOST PREMA BOLESTIMA

Tabela 2.

Lokalitet	Godina	Orobanche spp. (prosečan broj napadnutih biljaka)		Plasmopara helianthi (%)		Phomopsis helianthi (%)		Phoma spp. (0-5)		Sclerotinia sclerotiorum (%)					
										koren		stablo		glava	
		Hibrid 11	Bačvanin	Hibrid 11	Bačvanin	Hibrid 11	Bačvanin	Hibrid 11	Bačvanin	Hibrid 11	Bačvanin	Hibrid 11	Bačvanin	Hibrid 11	Bačvanin
Kikinda	2007.							1	1						
	2008.							3	2						
	\bar{x}							2.0	1.5						
Novi Sad	2007.					8.0	6.0	1	1	0	1	0	3	1	3
	2008.					2.3	0.9	1	1	0	2	0	0	1	0
	\bar{x}					5.2	3.5	1.0	1.0	0.0	1.5	0.0	1.5	1.0	1.5
Pančevo	2007.			0.5	0.5	14	14	2	4	0	0	0	3	0	0
	2008.			49.55	36.45	3	0	0	0	0	0	0	0	0	0
	\bar{x}			25.0	18.5	8.5	7.0	1.0	2.0	0.0	0.0	0.0	1.4	0.0	0.0
Sombor	2007.	62	0	0	0	5	5	2	1	7	7	0	0	0	0
	2008.	50	0	2	1	8	0	2	1	0	0	0	0	0	0
	\bar{x}	56.0	0.0	1.0	0.5	6.5	2.5	2.0	1.0	3.5	3.5	0.0	0.0	0.0	0.0
Zaječar	2007.														
	2008.							0	0						
	\bar{x}							0.0	0.0						
Zrenjanin	2007.							1	1						
	2008.							1	1						
	\bar{x}							1.0	1.0						
\bar{x} (2007-2008.)		56.0	0.0	13.0	9.5	6.7	4.3	1.3	1.2	1.2	1.7	0.0	1.0	0.3	0.5

Hibrid 12

Reg.broj 320-04-1558/2007-08

PROIZVODNE VREDNOSTI HIBRIDA

Tabela 1.

Lokalitet	Godina	Sadržaj vlage (%)		Prinos ploda (kg/ha)		Sadržaj ulja (%)		Prinos ulja (kg/ha)	
		Hibrid 12	Bačvanin	Hibrid 12	Bačvanin	Hibrid 12	Bačvanin	Hibrid 12	Bačvanin
Kikinda	2007.	8.68	7.80	2562	2978	50.06	47.36	1296	1378
	2008.	7.08	9.28	3181	3408	51.74	50.32	1638	1686
	\bar{x}	7.88	8.54	2871	3193	50.90	48.84	1467	1532
Novi Sad	2007.	9.25	9.23	3882	3892	54.30	49.49	2051	1917
	2008.	8.33	8.03	3524	3754	52.96	52.03	1897	1919
	\bar{x}	8.79	8.63	3703	3823	53.63	50.76	1974	1918
Pančevo	2007.	8.40	9.90	3176	3211	51.94	50.32	1593	1474
	2008.	8.60	9.05	3058	2971	52.60	50.91	1566	1557
	\bar{x}	8.50	9.48	3117	3091	52.27	50.61	1580	1515
Sombor	2007.	10.33	8.05	3627	4356	50.99	51.69	1869	2263
	2008.	6.48	6.28	3533	3522	51.72	49.92	1858	1844
	\bar{x}	8.40	7.16	3580	3939	51.36	50.81	1864	2053
Zaječar	2007.	9.65	8.10	1649	1604	46.25	47.95	777	778
	2008.	9.65	8.05	2946	3232	47.18	49.22	1365	1591
	\bar{x}	9.65	8.08	2298	2418	46.72	48.58	1071	1184
Zrenjanin	2007.	8.70	8.48	2885	3207	50.37	49.77	1484	1594
	2008.	6.93	6.98	3324	3487	50.91	52.00	1742	1813
	\bar{x}	7.81	7.73	3104	3347	50.64	50.89	1613	1704
\bar{x}	2007.	9.17	8.59	2963	3208	50.65	49.43	1512	1567
	2008.	7.84	7.94	3261	3396	51.19	50.73	1678	1735
\bar{x} (2007-2008.)		8.50	8.27	3112	3302	50.92	50.08	1595^o	1651
			d 0.05	149				122	
			d 0.01	177				146	
			Cv	7.82				8.82	

OTPORNOST PREMA BOLESTIMA

Tabela 2.

Lokalitet	Godina	Orobanche spp. (prosečan broj napadnutih biljaka)		Plasmopara helianthi (%)		Phomopsis helianthi (%)		Phoma spp. (0-5)		Sclerotinia sclerotiorum (%)					
										koren		stablo		glava	
		Hibrid 12	Bačvanin	Hibrid 12	Bačvanin	Hibrid 12	Bačvanin	Hibrid 12	Bačvanin	Hibrid 12	Bačvanin	Hibrid 12	Bačvanin	Hibrid 12	Bačvanin
Kikinda	2007.							1	1						
	2008.							3	2						
	\bar{x}							2.0	1.5						
Novi Sad	2007.					7.0	6.0	1	1	0	1	0	3	0	3
	2008.					13.3	0.9	1	1	1	2	0	0	1	0
	\bar{x}					11.2	3.5	1.0	1.0	0.5	1.5	0.0	1.5	0.5	1.5
Pančevo	2007.			0.5	0.5	15	14	2	4	0	0	0	3	0	0
	2008.			32.9	36.45	5	0	0	0	0	0	0	0	0	0
	\bar{x}			16.7	18.5	10.0	7.0	1.0	2.0	0.0	0.0	0.0	1.4	0.0	0.0
Sombor	2007.	2	0	0	0	10	5	1	1	5	7	0	0	0	0
	2008.	0	0	1	1	4	0	2	1	0	0	0	0	0	0
	\bar{x}	1.0	0.0	0.5	0.5	7.0	2.5	1.5	1.0	2.5	3.5	0.0	0.0	0.0	0.0
Zaječar	2007.														
	2008.							0	0						
	\bar{x}							0.0	0.0						
Zrenjanin	2007.							1	1						
	2008.							1	1						
	\bar{x}							1.0	1.0						
\bar{x} (2007-2008.)		1.0	0.0	8.6	9.5	9.4	4.3	1.2	1.2	1.0	1.7	0.0	1.0	0.2	0.5

Hibrid 13

Reg.broj 320-04-1559/2007-08

PROIZVODNE VREDNOSTI HIBRIDA

Tabela 1.

Lokalitet	Godina	Sadržaj vlage (%)		Prinos ploda (kg/ha)		Sadržaj ulja (%)		Prinos ulja (kg/ha)	
		Hibrid 13	Bačvanin	Hibrid 13	Bačvanin	Hibrid 13	Bačvanin	Hibrid 13	Bačvanin
Kikinda	2007.	7.05	7.80	3255	2978	51.35	47.36	1614	1378
	2008.	9.23	9.28	3596	3408	51.39	50.32	1885	1686
	\bar{x}	8.14	8.54	3425	3193	51.37	48.84	1750	1532
Novi Sad	2007.	9.48	9.23	4342	3892	52.13	49.49	2290	1917
	2008.	8.40	8.03	3856	3754	53.49	52.03	2035	1919
	\bar{x}	8.94	8.63	4099	3823	52.81	50.76	2162	1918
Pančevo	2007.	11.30	9.90	4038	3211	51.13	50.32	2178	1474
	2008.	9.40	9.05	3151	2971	51.80	50.91	1517	1557
	\bar{x}	10.35	9.48	3594	3091	51.47	50.61	1848	1515
Sombor	2007.	10.53	8.05	3708	4356	52.91	51.69	1953	2263
	2008.	6.58	6.28	3831	3522	51.90	49.92	1865	1844
	\bar{x}	8.55	7.16	3769	3939	52.40	50.81	1909	2053
Zaječar	2007.	9.25	8.10	1843	1604	48.02	47.95	905	778
	2008.	9.10	8.05	2911	3232	47.20	49.22	1357	1591
	\bar{x}	9.18	8.08	2377	2418	47.61	48.58	1131	1184
Zrenjanin	2007.	9.23	8.48	3215	3207	50.82	49.77	1576	1594
	2008.	7.75	6.98	3485	3487	50.87	52.00	1836	1813
	\bar{x}	8.49	7.73	3350	3347	50.85	50.89	1706	1704
\bar{x}	2007.	9.47	8.59	3400	3208	51.06	49.43	1753	1567
	2008.	8.41	7.94	3472	3396	51.11	50.73	1749	1735
\bar{x} (2007-2008.)		8.94	8.27	3436^o	3302	51.08	50.08	1751^o	1651
			d 0.05	149				122	
			d 0.01	177				146	
			Cv	7.82				8.82	

OTPORNOST PREMA BOLESTIMA

Tabela 2.

Lokalitet	Godina	Orobanche spp. (prosečan broj napadnutih biljaka)		Plasmopara helianthi (%)		Phomopsis helianthi (%)		Phoma spp. (0-5)		Sclerotinia sclerotiorum (%)					
										koren		stablo		glava	
		Hibrid 13	Bačvanin	Hibrid 13	Bačvanin	Hibrid 13	Bačvanin	Hibrid 13	Bačvanin	Hibrid 13	Bačvanin	Hibrid 13	Bačvanin	Hibrid 13	Bačvanin
Kikinda	2007.							1	1						
	2008.							3	2						
	\bar{x}							2.0	1.5						
Novi Sad	2007.					6.0	6.0	1	1	1	1	0	3	0	3
	2008.					4.6	0.9	1	1	1	2	0	0	0	0
	\bar{x}					5.3	3.5	1.0	1.0	1.0	1.5	0.0	1.5	0.0	1.5
Pančevo	2007.			0	0.5	7	14	1	4	0	0	0	3	0	0
	2008.			31.3	36.45	5	0	0	0	0	0	0	0	0	0
	\bar{x}			15.7	18.5	6.0	7.0	0.5	2.0	0.0	0.0	0.0	1.4	0.0	0.0
Sombor	2007.	1	0	0	0	5	5	1	1	10	7	0	0	0	0
	2008.	8	0	1	1	20	0	2	1	8	0	0	0	0	0
	\bar{x}	4.5	0.0	0.5	0.5	12.5	2.5	1.5	1.0	9.0	3.5	0.0	0.0	0.0	0.0
Zaječar	2007.														
	2008.							0	0						
	\bar{x}							0.0	0.0						
Zrenjanin	2007.							1	1						
	2008.							1	1						
	\bar{x}							1.0	1.0						
\bar{x} (2007-2008.)		4.5	0.0	8.1	9.5	7.9	4.3	1.1	1.2	3.3	1.7	0.0	1.0	0.0	0.5

Hibrid 14

Reg.broj 320-04-1453/2007-08

PROIZVODNE VREDNOSTI HIBRIDA

Tabela 1.

Lokalitet	Godina	Sadržaj vlage (%)		Prinos ploda (kg/ha)		Sadržaj ulja (%)		Prinos ulja (kg/ha)	
		Hibrid 14	Bačvanin	Hibrid 14	Bačvanin	Hibrid 14	Bačvanin	Hibrid 14	Bačvanin
Kikinda	2007.	9.23	7.80	3134	2978	48.65	47.36	1476	1378
	2008.	7.95	9.28	3692	3408	52.19	50.32	1906	1686
	\bar{x}	8.59	8.54	3413	3193	50.42	48.84	1691	1532
Novi Sad	2007.	8.73	9.23	3717	3892	51.22	49.49	1874	1917
	2008.	8.88	8.03	4139	3754	50.20	52.03	2183	1919
	\bar{x}	8.80	8.63	3928	3823	50.71	50.76	2029	1918
Pančevo	2007.	8.98	9.90	3868	3211	50.91	50.32	2001	1474
	2008.	9.53	9.05	3182	2971	50.85	50.91	1618	1557
	\bar{x}	9.25	9.48	3525	3091	50.88	50.61	1809	1515
Sombor	2007.	10.18	8.05	3543	4356	51.83	51.69	2101	2263
	2008.	6.50	6.28	4330	3522	51.47	49.92	2295	1844
	\bar{x}	8.34	7.16	3936	3939	51.65	50.81	2198	2053
Zaječar	2007.	8.03	8.10	1255	1604	43.59	47.95	543	778
	2008.	8.58	8.05	2991	3232	44.96	49.22	1349	1591
	\bar{x}	8.30	8.08	2123	2418	44.28	48.58	946	1184
Zrenjanin	2007.	8.85	8.48	3318	3207	48.98	49.77	1601	1594
	2008.	8.70	6.98	2947	3487	49.78	52.00	1394	1813
	\bar{x}	8.78	7.73	3132	3347	49.38	50.89	1498	1704
\bar{x}	2007.	9.00	8.59	3139	3208	49.19	49.43	1599	1567
	2008.	8.35	7.94	3547	3396	49.91	50.73	1791	1735
\bar{x} (2007-2008.)		8.68	8.27	3343°	3302	49.55	50.08	1695°	1651
			d 0.05	149				122	
			d 0.01	177				146	
			Cv	7.82				8.82	

OTPORNOST PREMA BOLESTIMA

Tabela 2.

Lokalitet	Godina	Orobanche spp. (prosečan broj napadnutih biljaka)		Plasmopara helianthi (%)		Phomopsis helianthi (%)		Phoma spp. (0-5)		Sclerotinia sclerotiorum (%)					
										koren		stablo		glava	
		Hibrid 14	Bačvanin	Hibrid 14	Bačvanin	Hibrid 14	Bačvanin	Hibrid 14	Bačvanin	Hibrid 14	Bačvanin	Hibrid 14	Bačvanin	Hibrid 14	Bačvanin
Kikinda	2007.							1	1						
	2008.							3	2						
	\bar{x}							2.0	1.5						
Novi Sad	2007.					4.0	6.0	1	1	1	1	0	3	1	3
	2008.					6.2	0.9	1	1	7	2	0	0	0	0
	\bar{x}					5.1	3.5	1.0	1.0	4.0	1.5	0.0	1.5	0.5	1.5
Pančevo	2007.			0	0.5	10	14	3	4	0	0	0	3	0	0
	2008.			0	36.45	0	0	0	0	0	0	0	0	0	0
	\bar{x}			0.0	18.5	5.0	7.0	1.5	2.0	0.0	0.0	0.0	1.4	0.0	0.0
Sombor	2007.	2	0	1	0	5	5	1	1	5	7	0	0	0	0
	2008.	0	0	1	1	16	0	2	1	0	0	0	0	0	0
	\bar{x}	1.0	0.0	1.0	0.5	10.5	2.5	1.5	1.0	2.5	3.5	0.0	0.0	0.0	0.0
Zaječar	2007.														
	2008.							0	0						
	\bar{x}							0.0	0.0						
Zrenjanin	2007.							1	1						
	2008.							2	1						
	\bar{x}							1.5	1.0						
\bar{x} (2007-2008.)		1.0	0.0	0.5	9.5	6.9	4.3	1.4	1.2	2.2	1.7	0.0	1.0	0.2	0.5

Hibrid 15

Reg.broj 320-04-718/2007-08

PROIZVODNE VREDNOSTI HIBRIDA

Tabela 1.

Lokalitet	Godina	Sadržaj vlage (%)		Prinos ploda (kg/ha)		Sadržaj ulja (%)		Prinos ulja (kg/ha)	
		Hibrid 15	NS-H-111	Hibrid 15	NS-H-111	Hibrid 15	NS-H-111	Hibrid 15	NS-H-111
Kikinda	2007.	12.93	8.00	2844	2829	44.97	47.07	1350	1282
	2008.	6.98	11.40	3680	3970	48.67	51.42	1701	2142
	\bar{x}	9.95	9.70	3262	3400	46.82	49.25	1525	1712
Novi Sad	2007.	8.85	10.25	3849	4172	44.16	44.56	1818	1845
	2008.	8.95	8.63	4083	3704	50.26	50.20	1957	1780
	\bar{x}	8.90	9.44	3966	3938	47.21	47.38	1887	1812
Pančevo	2007.	6.63	9.18	3387	3785	47.96	50.55	1628	1874
	2008.	8.58	11.63	3208	3468	48.12	49.89	1534	1678
	\bar{x}	7.60	10.40	3297	3627	48.04	50.22	1581	1776
Sombor	2007.	6.25	6.53	3661	3316	48.49	52.48	1928	1713
	2008.	6.45	7.33	4404	4344	50.03	51.21	2209	2277
	\bar{x}	6.35	6.93	4032	3830	49.26	51.84	2068	1995
Zaječar	2007.	8.05	7.95	1587	1419	44.08	47.63	708	670
	2008.	12.30	8.93	3057	2976	43.20	44.87	1325	1335
	\bar{x}	10.18	8.44	2322	2197	43.64	46.25	1016	1003
Zrenjanin	2007.	9.70	11.03	3034	3227	46.47	48.76	1443	1551
	2008.	7.68	9.40	3513	3376	48.11	49.01	1751	1666
	\bar{x}	8.69	10.21	3274	3302	47.29	48.89	1597	1608
\bar{x}	2007.	8.73	8.82	3060	3125	46.02	48.51	1479	1489
	2008.	8.49	9.55	3658	3640	48.07	49.43	1746	1813
\bar{x} (2007-2008.)		8.61	9.19	3359^o	3382	47.04	48.97	1613^o	1651
			d 0.05	109				98	
			d 0.01	145				133	
			Cv	7.97				10.10	

OTPORNOST PREMA BOLESTIMA

Tabela 2.

Lokalitet	Godina	Orobanche spp. (prosečan broj napadnutih biljaka)		Plasmopara helianthi (%)		Phomopsis helianthi (%)		Phoma spp. (0-5)		Sclerotinia sclerotiorum (%)					
										koren		stablo		glava	
		Hibrid 15	NS-H-111	Hibrid 15	NS-H-111	Hibrid 15	NS-H-111	Hibrid 15	NS-H-111	Hibrid 15	NS-H-111	Hibrid 15	NS-H-111	Hibrid 15	NS-H-111
Kikinda	2007.							1	1						
	2008.							2	1						
	\bar{x}							1.5	1.0						
Novi Sad	2007.					4	2.0	1.0	1	0	0	0	0	0	1
	2008.					3.9	0.0	1.0	1	2	1	0	0	0	1
	\bar{x}					3.9	1.0	1.0	1.0	1.0	0.5	0.0	0.0	0.0	1.0
Pančevo	2007.			0	0	12	6	2	2	0	0	0	0	0	0
	2008.			37.5	32.05	10	2	0	0	0	0	0	0	0	0
	\bar{x}			18.8	16.0	11.0	4.2	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
Sombor	2007.	0.0	62	0	0	3	2	0	2	2	1	0	0	0	0
	2008.	0.0	0	1	1	4	0	1	1	0	0	0	0	0	0
	\bar{x}	0.0	31.0	0.5	0.5	3.5	1.0	0.5	1.5	1.0	0.5	0.0	0.0	0.0	0.0
Zaječar	2007.														
	2008.							0	0						
	\bar{x}							0.0	0.0						
Zrenjanin	2007.							1	1						
	2008.							2	2						
	\bar{x}							1.5	1.5						
\bar{x} (2007-2008.)		0.0	31.0	9.7	8.3	6.1	2.1	1.0	1.1	0.7	0.3	0.0	0.0	0.0	0.3

TOLERANTNOST NA TRIBENURON-METIL

Tabela 3.

Hibrid 15

Lokalitet	Godina	Proizvodne vrednosti			Otpornost prema bolestima					
		Prinos ploda (kg/ha)	Sadržaj ulja (%)	Prinos ulja (kg/ha)	Plasmo-para helianthi (%)	Phomo-opsis helianthi (%)	Phoma spp. (0-5)	Sclerotinia sclerotiorum (%)		
								koren	stablo	glava
Novi Sad	2007.	4689	43.44	2060		16	1	0	0	0
	2008.	4195	49.48	1955		3.8	1	3.17	0	0
	\bar{x}	4442	46.46	2008		9.9	1	1.5	0	0
Pančevo	2007.	4464	46.41	2068		16.0	1	0	0	0
	2008.	3147	46.38	1568		3.8	1	3.17	0	0
	\bar{x}	3806	46.39	1818		9.9	1		0	0
Sombor	2007.	3428	47.39	1441	0.0	1.0	1	0	0	0
	2008.	3863	47.15	1871		20.0	1	0	0	0
	\bar{x}	3645	47.27	1656	0.0	10.5	1	0	0	0
\bar{x} (2007-2008.)		3964	46.71	1827	0.0	10.1	1	1.06	0	0

Hibrid 16

Reg.broj 320-04-1553/2007-08

PROIZVODNE VREDNOSTI HIBRIDA

Tabela 1.

Lokalitet	Godina	Sadržaj vlage (%)		Prinos ploda (kg/ha)		Sadržaj ulja (%)		Prinos ulja (kg/ha)	
		Hibrid 16	Somborac	Hibrid 16	Somborac	Hibrid 16	Somborac	Hibrid 16	Somborac
Kikinda	2007.	9.55	8.65	3043	2711	46.25	49.49	1421	1311
	2008.	10.70	10.20	3752	3298	46.52	51.34	1781	1708
	\bar{x}	10.13	9.43	3398	3004	46.39	50.41	1601	1509
Novi Sad	2007.	10.10	8.48	4089	4135	42.56	50.94	1684	2123
	2008.	8.53	8.53	4814	4832	45.30	52.68	2190	2544
	\bar{x}	9.31	8.50	4451	4484	43.93	51.81	1937	2334
Pančevo	2007.	5.60	5.93	3481	3001	45.92	47.97	1646	1469
	2008.	9.83	9.15	2833	3196	47.95	51.17	1382	1593
	\bar{x}	7.71	7.54	3157	3099	46.94	49.57	1514	1531
Sombor	2007.	8.20	7.33	3276	3178	49.25	51.55	1560	1627
	2008.	7.45	7.10	4320	4300	46.90	52.12	2038	2199
	\bar{x}	7.83	7.21	3798	3739	48.07	51.84	1799	1913
Zaječar	2007.	8.03	7.65	1631	1501	40.33	45.89	662	691
	2008.	12.33	12.55	2859	2805	39.91	46.11	1116	1289
	\bar{x}	10.18	10.10	2245	2153	40.12	46.00	889	990
Zrenjanin	2007.	10.00	9.40	2738	2622	45.27	49.61	1302	1418
	2008.	7.73	7.60	2865	2968	46.85	49.20	1340	1491
	\bar{x}	8.86	8.50	2801	2795	46.06	49.40	1321	1455
\bar{x}	2007.	8.58	7.90	3043	2858	44.93	49.24	1379	1440
	2008.	9.43	9.19	3574	3567	45.57	50.44	1641	1804
\bar{x} (2007-2008.)		9.00	8.55	3308*	3212	45.25	49.84	1510	1622
			d 0.05	87				71	
			d 0.01	115				97	
			Cv	6.56				7.63	

OTPORNOST PREMA BOLESTIMA

Tabela 2.

Lokalitet	Godina	Orobanche spp. (prosečan broj napadnutih biljaka)		Plasmopara helianthi (%)		Phomopsis helianthi (%)		Phoma spp. (0-5)		Sclerotinia sclerotiorum (%)					
										koren		stablo		glava	
		Hibrid 16	Somborac	Hibrid 16	Somborac	Hibrid 16	Somborac	Hibrid 16	Somborac	Hibrid 16	Somborac	Hibrid 16	Somborac	Hibrid 16	Somborac
Kikinda	2007.							1	1						
	2008.							2	2						
	\bar{x}							1.5	1.5						
Novi Sad	2007.					3.0	3.0	1	1	0	0	0	0	0	0
	2008.									0	0	0	0	0	0
	\bar{x}					3.0	3.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
Pančevo	2007.			0	0	4	11	1	3	0	0	0	0	0	0
	2008.			32.2	34.55	8	6	0	0	0	0	0	0	0	0
	\bar{x}			16.1	17.3	6.0	8.5	0.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
Sombor	2007.	14	0	0	0	2	1	1	1	1	1	0	0	0	0
	2008.	65		1	1	12	8	1	1	4	4	0	0	0	0
	\bar{x}	39.5	0.0	0.5	0.5	7.0	4.5	1.0	1.0	2.5	2.5	0.0	0.0	0.0	0.0
Zaječar	2007.														
	2008.							0	0						
	\bar{x}							0.0	0.0						
Zrenjanin	2007.							1	1						
	2008.							1	1						
	\bar{x}							1.0	1.0						
\bar{x} (2007-2008.)		39.5	0.0	13.3	8.9	5.7	5.9	0.9	1.1	0.8	0.8	0.0	0.0	0.0	0.0

Hibrid 17

Reg.broj 320-04-1514/2007-08

PROIZVODNE VREDNOSTI HIBRIDA

Tabela 1.

Lokalitet	Godina	Sadržaj vlage (%)		Prinos ploda (kg/ha)		Sadržaj ulja (%)		Prinos ulja (kg/ha)		Sadržaj oleinske kiseline (g/100 g)		Sadržaj oleinske kiseline (g/100 g)	
		Hibrid 17	NS-Olivko	Hibrid 17	NS-Olivko	Hibrid 17	NS-Olivko	Hibrid 17	NS-Olivko	Hibrid 17	NS-Olivko	Hibrid 17	NS-Olivko
Novi Sad	2007.	9.33	8.28	3530	3223	47.81	49.54	1574	1593	87.53	78.86	lokalitet Karavukovo - ogled sa prostornom izolacijom	
	2008.	7.50	7.75	3785	3358	49.91	48.90	1882	1664	84.66	71.41		
	\bar{x}	8.41	8.01	3657	3291	48.86	49.22	1728	1629	86.10	75.14		
Pančevo	2007.	6.88	5.88	3588	2909	47.69	48.39	1739	1387	65.42	70.36		
	2008.	9.68	9.15	2890	2807	49.16	49.46	1406	1416	74.73	79.57		
	\bar{x}	8.28	7.51	3239	2858	48.43	48.92	1572	1401	70.08	74.97		
Sombor	2007.	6.88	7.83	3655	3435	52.43	53.22	1997	1905	79.38	75.26		
	2008.	6.40	8.30	3572	3806	50.23	49.03	1763	1873	86.65	79.20		
	\bar{x}	6.64	8.06	3614	3620	51.33	51.13	1880	1889	83.02	77.23		
\bar{x}	2007.	7.69	7.33	3591	3189	49.31	50.38	1770	1628	77.44	74.83	84.69	79.85
	2008.	7.86	8.40	3416	3324	49.77	49.13	1684	1651	82.01	76.73		
\bar{x} (2007-2008.)		7.78	7.86	3503⁺⁺	3256	49.54	49.76	1727^o	1640	79.73	75.78		
			d 0.05	187				130					
			d 0.01	228				162					
			Cv	7.14				6.41					

OTPORNOST PREMA BOLESTIMA

Tabela 2.

Lokalitet	Godina	Orobanche spp. (prosečan broj napadnutih biljaka)		Plasmopara helianthi (%)		Phomopsis helianthi (%)		Phoma spp. (0-5)		Sclerotinia sclerotiorum (%)					
										koren		stablo		glava	
		Hibrid 17	NS Olivko	Hibrid 17	NS Olivko	Hibrid 17	NS Olivko	Hibrid 17	NS Olivko	Hibrid 17	NS Olivko	Hibrid 17	NS Olivko	Hibrid 17	NS Olivko
Novi Sad	2007.					4.0	5.0	1	1	0	0	0	0	0	0
	2008.					6.5	5.9	1	1	3	0	0	0	0	0
	\bar{x}					5.2	5.4	1.0	1.0	1.5	0.0	0.0	0.0	0.0	0.0
Pančevo	2007.			0	0	7	18	3	2	0	0	0	0	0	0
	2008.			0	15.2	5	10	1	0	0	0	0	0	0	0
	\bar{x}			0.0	7.6	6.0	14.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
Sombor	2007.	61	16	0	1	7	7	1	1	10	5	0	0	0	0
	2008.	65		1	1	8	12	1	2	0	0	0	0	0	0
	\bar{x}	63.0	16.0	0.5	1.0	7.5	9.5	1.0	1.5	5.0	2.5	0.0	0.0	0.0	0.0
\bar{x} (2007-2008.)		63.0	16.0	0.3	4.3	6.2	9.6	1.3	1.2	2.2	0.8	0.0	0.0	0.0	0.0

Hibrid 18

Reg.broj 320-04-1513/2007-08

PROIZVODNE VREDNOSTI HIBRIDA

Tabela 1.

Lokalitet	Godina	Sadržaj vlage (%)		Prinos ploda (kg/ha)		Sadržaj ulja (%)		Prinos ulja (kg/ha)		Sadržaj oleinske kiseline (g/100 g)		Sadržaj oleinske kiseline (g/100 g)	
		Hibrid 18	NS-Olivko	Hibrid 18	NS-Olivko	Hibrid 18	NS-Olivko	Hibrid 18	NS-Olivko	Hibrid 18	NS-Olivko	Hibrid 18	NS-Olivko
Novi Sad	2007.	8.38	8.28	3569	3223	53.09	49.54	1811	1593	89.38	78.86	lokalitet Karavukovo - ogled sa prostornom izolacijom	
	2008.	7.55	7.75	4490	3358	51.60	48.90	2331	1664	88.19	71.41		
	\bar{x}	7.96	8.01	4029	3291	52.35	49.22	2071	1629	88.79	75.14		
Pančevo	2007.	8.38	5.88	3560	2909	47.22	48.39	1702	1387	87.23	70.36		
	2008.	8.98	9.15	3197	2807	50.02	49.46	1618	1416	88.62	79.57		
	\bar{x}	8.68	7.51	3378	2858	48.62	48.92	1660	1401	87.93	74.97		
Sombor	2007.	7.90	7.83	3232	3435	52.30	53.22	1547	1905	82.58	75.26		
	2008.	7.08	8.30	4121	3806	51.39	49.03	2205	1873	87.51	79.20		
	\bar{x}	7.49	8.06	3677	3620	51.85	51.13	1876	1889	85.05	77.23		
\bar{x}	2007.	8.22	7.33	3453	3189	50.87	50.38	1687	1628	86.40	74.83	86.82	79.85
	2008.	7.87	8.40	3936	3324	51.00	49.13	2051	1651	88.11	76.73		
\bar{x} (2007-2008.)		8.04	7.86	3695^{**}	3256	50.94	49.76	1869^{**}	1640	87.25	75.78		
			d 0.05	187				130					
			d 0.01	228				162					
			Cv	7.14				6.41					

OTPORNOST PREMA BOLESTIMA

Tabela 2.

Lokalitet	Godina	Orobanche spp. (prosečan broj napadnutih biljaka)		Plasmopara helianthi (%)		Phomopsis helianthi (%)		Phoma spp. (0-5)		Sclerotinia sclerotiorum (%)					
										koren		stablo		glava	
		Hibrid 18	NS Olivko	Hibrid 18	NS Olivko	Hibrid 18	NS Olivko	Hibrid 18	NS Olivko	Hibrid 18	NS Olivko	Hibrid 18	NS Olivko	Hibrid 18	NS Olivko
Novi Sad	2007.					3.0	5.0	1	1	0	0	0	0	0	0
	2008.					1.9	5.9	1	1	1	0	0	0	0	0
	\bar{x}					2.5	5.4	1.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0
Pančevo	2007.			0	0	12	18	3	2	0	0	0	0	0	0
	2008.			0	15.2	14	10	0	0	0	0	0	0	0	0
	\bar{x}			0.0	7.6	13.0	14.0	1.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0
Sombor	2007.	32	16	0	1	8	7	1	1	17	5	0	0	0	0
	2008.	57		1	1	0	12	2	2	0	0	0	0	0	0
	\bar{x}	44.5	16.0	0.5	1.0	4.0	9.5	1.5	1.5	8.5	2.5	0.0	0.0	0.0	0.0
\bar{x} (2007-2008.)		44.5	16.0	0.3	4.3	6.5	9.6	1.3	1.2	3.0	0.8	0.0	0.0	0.0	0.0

Hibrid 19

Reg.broj 320-04-1557/2007-08

PROIZVODNE VREDNOSTI HIBRIDA

Tabela 1.

Lokalitet	Godina	Sadržaj vlage (%)		Prinos ploda (kg/ha)		Sadržaj ulja (%)		Prinos ulja (kg/ha)		Sadržaj oleinske kiseline (g/100 g)		Sadržaj oleinske kiseline (g/100 g)	
		Hibrid 19	NS-Olivko	Hibrid 19	NS-Olivko	Hibrid 19	NS-Olivko	Hibrid 19	NS-Olivko	Hibrid 19	NS-Olivko	Hibrid 19	NS-Olivko
Novi Sad	2007.	8.13	8.28	3930	3223	48.37	49.54	1855	1593	74.92	78.86	lokalitet Karavukovo - ogled sa prostornom izolacijom	
	2008.	7.55	7.75	3556	3358	52.35	48.90	1823	1664	57.65	71.41		
	\bar{x}	7.84	8.01	3743	3291	50.36	49.22	1839	1629	66.29	75.14		
Pančevo	2007.	5.78	5.88	2896	2909	45.27	48.39	1243	1387	67.06	70.36		
	2008.	9.08	9.15	2712	2807	49.82	49.46	1319	1416	68.33	79.57		
	\bar{x}	7.43	7.51	2804	2858	47.54	48.92	1281	1401	67.70	74.97		
Sombor	2007.	7.18	7.83	3404	3435	51.81	53.22	1851	1905	67.47	75.26		
	2008.	6.40	8.30	4050	3806	51.30	49.03	2195	1873	70.22	79.20		
	\bar{x}	6.79	8.06	3727	3620	51.55	51.13	2023	1889	68.85	77.23		
\bar{x}	2007.	7.03	7.33	3410	3189	48.48	50.38	1650	1628	69.82	74.83	77.38	79.85
	2008.	7.68	8.40	3439	3324	51.16	49.13	1779	1651	65.40	76.73		
\bar{x} (2007-2008.)		7.35	7.86	3425°	3256	49.82	49.76	1715°	1640	67.61	75.78		
			d 0.05	187				130					
			d 0.01	228				162					
			Cv	7.14				6.41					

OTPORNOST PREMA BOLESTIMA

Tabela 2.

Lokalitet	Godina	Orobanche spp. (prosečan broj napadnutih biljaka)		Plasmopara helianthi (%)		Phomopsis helianthi (%)		Phoma spp. (0-5)		Sclerotinia sclerotiorum (%)					
										koren		stablo		glava	
		Hibrid 19	NS Olivko	Hibrid 19	NS Olivko	Hibrid 19	NS Olivko	Hibrid 19	NS Olivko	Hibrid 19	NS Olivko	Hibrid 19	NS Olivko	Hibrid 19	NS Olivko
Novi Sad	2007.					7.0	5.0	1	1	0	0	0	0	0	0
	2008.					0.7	5.9	1	1	0	0	0	0	0	0
	\bar{x}					3.9	5.4	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
Pančevo	2007.			0	0	8	18	2	2	0	0	0	0	0	0
	2008.			14.7	15.2	10	10	0	0	0	0	0	0	0	0
	\bar{x}			7.4	7.6	9.0	14.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
Sombor	2007.	65	16	1	1	12	7	3	1	10	5	0	0	0	0
	2008.	64		1	1	8	12	2	2	0	0	0	0	0	0
	\bar{x}	64.5	16.0	1.0	1.0	10.0	9.5	2.5	1.5	5.0	2.5	0.0	0.0	0.0	0.0
\bar{x} (2007-2008.)		64.5	16.0	4.2	4.3	7.6	9.6	1.5	1.2	1.7	0.8	0.0	0.0	0.0	0.0

Hibrid 20**Reg.broj 320-04-267/2007-08****PROIZVODNE VREDNOSTI HIBRIDA**

Tabela 1.

Lokalitet	Godina	Sadržaj vlage (%)		Prinos ploda (kg/ha)		Sadržaj ulja (%)		Prinos ulja (kg/ha)		Sadržaj oleinske kiseline (g/100 g)		Sadržaj oleinske kiseline (g/100 g)	
		Hibrid 20	NS-Olivko	Hibrid 20	NS-Olivko	Hibrid 20	NS-Olivko	Hibrid 20	NS-Olivko	Hibrid 20	NS-Olivko	Hibrid 20	NS-Olivko
Novi Sad	2007.	8.40	8.28	3864	3223	51.87	49.54	1948	1593	88.28	78.86	lokalitet Karavukovo - ogled sa prostornom izolacijom	
	2008.	8.13	7.75	4534	3358	52.20	48.90	2474	1664	85.61	71.41		
	\bar{x}	8.26	8.01	4199	3291	52.04	49.22	2211	1629	86.95	75.14		
Pančevo	2007.	10.10	5.88	3692	2909	47.57	48.39	1638	1387	82.15	70.36		
	2008.	9.40	9.15	3405	2807	51.33	49.46	1751	1416	83.12	79.57		
	\bar{x}	9.75	7.51	3548	2858	49.45	48.92	1695	1401	82.64	74.97		
Sombor	2007.	8.48	7.83	3955	3435	53.52	53.22	2073	1905	81.78	75.26		
	2008.	7.78	8.30	4189	3806	52.06	49.03	2129	1873	84.53	79.20		
	\bar{x}	8.13	8.06	4072	3620	52.79	51.13	2101	1889	83.16	77.23		
\bar{x}	2007.	8.99	7.33	3837	3189	50.99	50.38	1886	1628	84.07	74.83	86.22	79.85
	2008.	8.43	8.40	4043	3324	51.86	49.13	2118	1651	84.42	76.73		
\bar{x} (2007-2008.)		8.71	7.86	3940**	3256	51.42	49.76	2002**	1640	84.25	75.78		
			d 0.05	187				130					
			d 0.01	228				162					
			Cv	7.14				6.41					

OTPORNOST PREMA BOLESTIMA

Tabela 2.

Lokalitet	Godina	Orobanche spp. (prosečan broj napadnutih biljaka)		Plasmopara helianthi (%)		Phomopsis helianthi (%)		Phoma spp. (0-5)		Sclerotinia sclerotiorum (%)					
										koren		stablo		glava	
		Hibrid 20	NS Olivko	Hibrid 20	NS Olivko	Hibrid 20	NS Olivko	Hibrid 20	NS Olivko	Hibrid 20	NS Olivko	Hibrid 20	NS Olivko	Hibrid 20	NS Olivko
Novi Sad	2007.					3.0	5.0	1	1	0	0	0	0	0	0
	2008.					5.8	5.9	1	1	5	0	0	0	0	0
	\bar{x}					4.4	5.4	1.0	1.0	2.5	0.0	0.0	0.0	0.0	0.0
Pančevo	2007.			0	0	13	18	1	2	0	0	0	0	0	0
	2008.			0	15.2	7	10	1	0	0	0	0	0	0	0
	\bar{x}			0.0	7.6	10.0	14.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
Sombor	2007.	0	16	0	1	0	7	1	1	15	5	0	0	0	0
	2008.	10		1	1	4	12	1	2	0	0	0	0	0	0
	\bar{x}	5.0	16.0	0.5	1.0	2.0	9.5	1.0	1.5	7.5	2.5	0.0	0.0	0.0	0.0
\bar{x} (2007-2008.)		5.0	16.0	0.3	4.3	5.5	9.6	1.0	1.2	3.3	0.8	0.0	0.0	0.0	0.0

Hibrid 21**Reg.broj 320-04-1555/2007-08****PROIZVODNE VREDNOSTI HIBRIDA**

Tabela 1.

Lokalitet	Godina	Sadržaj vlage (%)		Prinos ploda (kg/ha)		Sadržaj ulja (%)		Prinos ulja (kg/ha)	
		Hibrid 21	Rimi	Hibrid 21	Rimi	Hibrid 21	Rimi	Hibrid 21	Rimi
Novi Sad	2007.	7.98	9.05	3891	3712	43.65	38.52	1669	1421
	2008.	9.30	8.15	3959	3533	46.11	42.56	1835	1567
	\bar{x}	8.64	8.60	3925	3623	44.88	40.54	1752	1494
Pančevo	2007.	15.63	6.70	3988	3085	47.26	40.69	1907	1284
	2008.	12.35	9.03	3045	2713	46.20	41.45	1373	1139
	\bar{x}	13.99	7.86	3516	2899	46.73	41.07	1640	1212
Sombor	2007.	8.68	6.25	3549	3679	47.77	45.95	1818	1554
	2008.	7.95	7.08	3585	3592	44.59	41.70	1594	1491
	\bar{x}	8.31	6.66	3567	3636	46.18	43.82	1706	1523
\bar{x}	2007.	10.76	7.33	3809	3492	46.23	41.72	1798	1420
	2008.	9.87	8.08	3530	3279	45.63	41.90	1601	1399
\bar{x} (2007-2008.)		10.31	7.71	3670⁺⁺	3386	45.93	41.81	1699⁺⁺	1409
			d 0.05	190				117	
			d 0.01	236				148	
			Cv	7.38				6.52	

OTPORNOST PREMA BOLESTIMA

Tabela 2.

Lokalitet	Godina	Orobanche spp. (prosečan broj napadnutih biljaka)		Plasmopara helianthi (%)		Phomopsis helianthi (%)		Phoma spp. (0-5)		Sclerotinia sclerotiorum (%)					
										koren		stablo		glava	
		Hibrid 21	Rimi	Hibrid 21	Rimi	Hibrid 21	Rimi	Hibrid 21	Rimi	Hibrid 21	Rimi	Hibrid 21	Rimi	Hibrid 21	Rimi
Novi Sad	2007.					3.0	4.0	1	1	1	1	0	0	0	0
	2008.					0.7	2.6	1	1	0	1	0	0	0	0
	\bar{x}					1.9	3.3	1.0	1.0	0.5	1.0	0.0	0.0	0.0	0.0
Pančevo	2007.			0	1	2	8	1	1	0	0	0	3	0	0
	2008.			2.8	31.65	4	5	1	0	0	0	0	0	0	0
	\bar{x}			1.4	16.8	3.0	6.5	1.0	0.5	0.0	0.0	0.0	1.5	0.0	0.0
Sombor	2007.	71	63	0	0	1	3	1	1	0	1	0	0	0	0
	2008.	81		1	1	15	10	3	2	2	0	0	0	0	0
	\bar{x}	76.0	63.0	0.5	0.5	8.0	6.5	2.0	1.5	1.0	0.5	0.0	0.0	0.0	0.0
\bar{x} (2007-2008.)		76.0	63.0	0.9	8.4	4.3	5.4	1.3	1.0	0.5	0.5	0.0	0.5	0.0	0.0

Hibrid 22**Reg.broj 320-04-269/2007-08****PROIZVODNE VREDNOSTI HIBRIDA**

Tabela 1.

Lokalitet	Godina	Sadržaj vlage (%)		Prinos ploda (kg/ha)		Sadržaj ulja (%)		Prinos ulja (kg/ha)	
		Hibrid 22	Rimi	Hibrid 22	Rimi	Hibrid 22	Rimi	Hibrid 22	Rimi
Novi Sad	2007.	8.25	9.05	3754	3712	46.72	38.52	1750	1421
	2008.	7.60	8.15	4550	3533	51.11	42.56	2282	1567
	\bar{x}	7.93	8.60	4152	3623	48.92	40.54	2016	1494
Pančevo	2007.	5.70	6.70	3738	3085	46.95	40.69	1748	1284
	2008.	8.90	9.03	3191	2713	48.12	41.45	1543	1139
	\bar{x}	7.30	7.86	3464	2899	47.54	41.07	1646	1212
Sombor	2007.	6.18	6.25	4370	3679	50.50	45.95	2050	1554
	2008.	7.03	7.08	4196	3592	47.12	41.70	1969	1491
	\bar{x}	6.60	6.66	4283	3636	48.81	43.82	2010	1523
\bar{x}	2007.	6.71	7.33	3954	3492	48.06	41.72	1849	1420
	2008.	7.84	8.08	3979	3279	48.78	41.90	1932	1399
\bar{x} (2007-2008.)		7.28	7.71	3966⁺⁺	3386	48.42	41.81	1890⁺⁺	1409
			d 0.05	190				117	
			d 0.01	236				148	
			Cv	7.38				6.52	

OTPORNOST PREMA BOLESTIMA

Tabela 2.

Lokalitet	Godina	Orobanche spp. (prosečan broj napadnutih biljaka)		Plasmopara helianthi (%)		Phomopsis helianthi (%)		Phoma spp. (0-5)		Sclerotinia sclerotiorum (%)					
										koren		stablo		glava	
		Hibrid 22	Rimi	Hibrid 22	Rimi	Hibrid 22	Rimi	Hibrid 22	Rimi	Hibrid 22	Rimi	Hibrid 22	Rimi	Hibrid 22	Rimi
Novi Sad	2007.					2.0	4.0	1	1	0	1	0	0	0	0
	2008.					1.8	2.6	1	1	1	1	0	0	1	0
	\bar{x}					1.9	3.3	1.0	1.0	0.5	1.0	0.0	0.0	0.5	0.0
Pančevo	2007.			0	1	15	8	1	1	0	0	0	3	0	0
	2008.			0	31.65	6	5	0	0	0	0	0	0	0	0
	\bar{x}			0.0	16.8	10.5	6.5	0.5	0.5	0.0	0.0	0.0	1.5	0.0	0.0
Sombor	2007.	2	63	0	0	2	3	1	1	1	1	0	0	0	0
	2008.	0		1	1	10	10	2	2	2	0	0	0	0	0
	\bar{x}	1.0	63.0	0.5	0.5	6.0	6.5	1.5	1.5	1.5	0.5	0.0	0.0	0.0	0.0
\bar{x} (2007-2008.)		1.0	63.0	1.3	8.4	6.1	5.4	1.0	1.0	0.6	0.5	0.0	0.5	0.1	0.0

Hibrid 23**Reg.broj 320-04-1418/2007-08****PROIZVODNE VREDNOSTI HIBRIDA**

Tabela 1.

Lokalitet	Godina	Sadržaj vlage (%)		Prinos ploda (kg/ha)		Sadržaj ulja (%)		Prinos ulja (kg/ha)	
		Hibrid 23	Rimi	Hibrid 23	Rimi	Hibrid 23	Rimi	Hibrid 23	Rimi
Novi Sad	2007.	8.43	9.05	3280	3712	50.23	38.52	1553	1421
	2008.	7.40	8.15	4052	3533	54.01	42.56	2176	1567
	\bar{x}	7.91	8.60	3666	3623	52.12	40.54	1865	1494
Pančevo	2007.	6.28	6.70	3274	3085	49.76	40.69	1671	1284
	2008.	8.93	9.03	2814	2713	51.05	41.45	1443	1139
	\bar{x}	7.60	7.86	3044	2899	50.40	41.07	1557	1212
Sombor	2007.	6.10	6.25	4132	3679	51.84	45.95	2186	1554
	2008.	6.35	7.08	3758	3592	51.12	41.70	1974	1491
	\bar{x}	6.23	6.66	3945	3636	51.48	43.82	2080	1523
\bar{x}	2007.	6.93	7.33	3562	3492	50.61	41.72	1803	1420
	2008.	7.56	8.08	3542	3279	52.06	41.90	1865	1399
\bar{x} (2007-2008.)		7.25	7.71	3552^o	3386	51.33	41.81	1834⁺⁺	1409
			d 0.05	190				117	
			d 0.01	236				148	
			Cv	7.38				6.52	

OTPORNOST PREMA BOLESTIMA

Tabela 2.

Lokalitet	Godina	Orobanche spp. (prosečan broj napadnutih biljaka)		Plasmopara helianthi (%)		Phomopsis helianthi (%)		Phoma spp. (0-5)		Sclerotinia sclerotiorum (%)					
										koren		stablo		glava	
		Hibrid 23	Rimi	Hibrid 23	Rimi	Hibrid 23	Rimi	Hibrid 23	Rimi	Hibrid 23	Rimi	Hibrid 23	Rimi	Hibrid 23	Rimi
Novi Sad	2007.					12.0	4.0	1	1	0	1	0	0	0	0
	2008.					9.8	2.6	1	1	1	1	0	0	0	0
	\bar{x}					10.9	3.3	1.0	1.0	0.5	1.0	0.0	0.0	0.0	0.0
Pančevo	2007.			0	1	26	8	3	1	0	0	0	3	0	0
	2008.			0	31.65	8	5	0	0	0	0	0	0	0	0
	\bar{x}			0.0	16.8	17.0	6.5	1.5	0.5	0.0	0.0	0.0	1.5	0.0	0.0
Sombor	2007.	84	63	0	0	4	3	1	1	1	1	0	0	0	0
	2008.	35		2	1	15	10	2	2	3	0	0	0	0	0
	\bar{x}	59.5	63.0	1.0	0.5	9.5	6.5	1.5	1.5	2.0	0.5	0.0	0.0	0.0	0.0
\bar{x} (2007-2008.)		59.5	63.0	0.5	8.4	12.4	5.4	1.3	1.0	0.8	0.5	0.0	0.5	0.0	0.0