

**Variety trial:****Garlic****Location:****Jablje - tunnel****Year:****2016**

Previous crop: tomato

Fertilization: /, side dressing: 96 kg/ha N, 64 kg/ha P<sub>2</sub>O<sub>5</sub>, 128 kg/ha K<sub>2</sub>O, 24 kg/ha MgO, 80 kg/ha SO<sub>3</sub>

Growing in the tunnel

Planting density: 20 cm x 10 cm; 500.000 plants/ha, transplanting into four-row stripes

Planting: 12.11.2015, harvesting: 27.06. - 19.07.2016

Trial layout: randomized block design in 3 repetitions, plot size 1.50 m<sup>2</sup>

VARIETY	Origin	Supplier	BULB						POD		YIELD		
			Height cm	Width cm	Weight g	Skin colour	Number of cloves	Uniformity 1=uniform 9=ununiform	Skin colour	Flesh colour 1=white 2=yellowish	Marketable t/ha	Total t/ha	Yield category
Garpek	Planasa	Aspega	4,1	6,8	77	reddish white	14	7	creme to pink	2	19,09	19,62	I
Gardacho	Planasa	Aspega	4,4	6,9	88	reddish white	19	8	white	2	18,25	18,44	I
Sprint	Agri Obtentions	HP hibrid	4,3	7,1	90	reddish white	11	1	pink to purple	2	16,86	17,17	I
Messidor	Agri Obtentions	HP hibrid	4,1	6,4	72	yellowish-white	14	7	creme	2	15,80	15,98	I
Makoi oszi	Madžarska	Agrolit d.o.o.	4,2	6,4	86	white	13	3	white	2	15,58	16,05	I
Sultop	Top Semence	Planta	4,2	5,8	68	white to yellowish-white	14	6	pink	2	13,93	14,28	II/2
Germidour	Top Onion Sets B.V.	Roko d.o.o.	4,3	6,2	72	reddish white	14	4	brown to purple	2	13,38	14,41	II/2
Ptujski spomladanski	Semenarna	Semenarna	4,1	6,1	61	yellowish-white	14	8	creme to brown	2	12,72	13,08	II/3
Garcua	Planasa	Aspega	3,9	6,1	64	yellowish-white	17	7	creme	2	12,46	12,92	II/3
Ptujski jesenski	Semenarna	Semenarna	4,1	6,2	60	yellowish-white	11	5	creme	2	10,13	10,63	III
Sultop	Italija	Planta	4,1	5,8	50	yellowish-white	16	8	purple	2	10,11	10,78	III
Štrigon	Vojko Grizon	Vojko Grizon	2,8	3,9	20	yellowish-white	12	3	purple	2	2,51	3,25	III
<b>Mean</b>											13,40	13,88	
<b>LSD (0.05)</b>											1,33	1,26	

**Variety trial:**

**Garlic**

**Location:**

**Jablje - open field**

**Year:**

**2016**

Previous crop: buckwheat

Fertilization: /, side dressing: 96 kg/ha N, 64 kg/ha P<sub>2</sub>O<sub>5</sub>, 128 kg/ha K<sub>2</sub>O, 24 kg/ha MgO, 80 kg/ha SO<sub>3</sub>

Growing in the open field

Planting density: 30 cm x 10 cm; 333.333 plants/ha, transplanting into three-row stripes

Planting: 28.10.2015, harvesting: 8.07.2016 - 21.07.2016

Trial layout: randomized block design in 3 repetitions, plot size 3.00 m<sup>2</sup>

VARIETY	Origin	Supplier	YIELD		
			Marketable t/ha	Total t/ha	Yield category
Garpek	Planasa	Aspega	11,98	12,10	I
Sprint	Agri Obtentions	HP hibrid	11,25	11,37	I
Gardacho	Planasa	Aspega	9,29	9,57	I
Messidor	Agri Obtentions	HP hibrid	8,36	8,67	I
Makoi oszi	Madžarska	Agrolit d.o.o.	7,69	8,37	II/1
Ptujski spomladanski	Semenarna	Semenarna	7,25	7,53	II/2
Germidour	Top Onion Sets B.V.	Roko d.o.o.	7,11	8,03	II/2
Garcua	Planasa	Aspega	5,92	6,34	III
Sultop	Top Semence	Planta	5,72	6,10	III
Ptujski jesenski	Semenarna	Semenarna	5,58	5,95	III
Sultop	Italija	Planta	4,90	5,27	III
Štrigon	Vojko Grizon	Vojko Grizon	2,31	2,61	III
<b>Mean</b>			7,28	7,66	
<b>LSD (0.05)</b>			0,71	0,63	