

Variety trial: Squash
Location: Jablje - autumn, plastic tunnel
Year: 2018

Previous crop: garlic

Fertilizing: 1500 kg/ha Plantella Organik, 108 kg/ha N, 240 kg/ha K₂O
side dressing:/

Growing in the plastic tunnel; soil covering with black PE mulch; drip irrigation

Planting density: 140 cm x 50 cm; 14,285 plants/ha

Sowing: 11.07.2018, transplanting: 26.07.2018, harvesting: 17.08.- 19.10.2018, 21 harvests

Trial layout: randomized blocks in 3 repetitions, plot size 3,50 m²

VARIETY	Origin	Supplier	Earliness 3=early 7=late	FRUITS										Shrived fruits % of total number of produced fruits	YIELD										Comments
				Length cm	Width cm	Weight g	Major skin colour	Colour intensity 3=light 7=dark	Glossiness 3=strong 7=weak	Shape	Holowness 3=rare 7=often	Size of blossom end scar 3=small 7=large	Class				Month			Marketable t/ha	Total t/ha	Yield category			
													%				%								
													Extra		I	II	Waste	8	9				10		
Ninfa F1	Clause	Cabo	3	20	4	234	Z	8	3	long cylindrical	1	5	3	23	38	27	12	33	53	14	41,98	47,80	I	fruit slightly hairy	
Naxos F1	Syngenta	HP Hibrid	6	18	4	187	Z	7	3	long cylindrical	1	7	5	25	49	17	9	29	54	17	32,63	35,66	II/1		
Aloha F1	Clause	Cabo	6	18	4	162	Z	8	3	club-shaped	1	5	3	25	42	22	11	29	57	14	31,99	35,93	II/1		
Brillante F1	Semillas Fito	Picount	6	18	4	174	Z	7	3	cylindrical	1	5	8	25	41	20	14	26	52	22	31,56	36,51	II/1		
SAT 405 F1	Sativa	Planta	6	19	5	212	Z	8	5	long cylindrical	1	5	17	21	44	24	11	36	52	11	29,38	33,06	II/2		
Dunja F1	Enza Z.	Zeleni hit	5	18	4	195	Z	8	3	club-shaped	1	3	5	17	53	17	13	35	51	14	27,97	32,13	II/2		
Supremo F1	Syngenta	HP Hibrid	5	20	4	198	Z	8	3	long cylindrical	1	5	14	19	42	21	18	36	53	11	27,54	33,48	II/2		
Baldo (ZUG 16101) F1	Esasem	Cabo	6	19	4	198	Z	6	3	long cylindrical	1	3	16	25	44	15	16	34	56	10	26,43	31,63	II/2		
Opera F1	Clause	Cabo	6	17	4	144	Z	8	3	long cylindrical	1	5	15	33	34	18	15	30	53	17	24,30	28,58	II/2		
ZUG 16104 F1	Esasem	Cabo	5	17	4	156	Z	8	3	club-shaped	1	3	13	25	40	18	17	38	51	11	22,83	27,37	II/3		
Latino F1	Sativa	Planta	3	16	3	114	Z	5	3	long cylindrical	1	8	10	31	36	6	26	40	36	24	21,12	28,73	II/3	fruit ribbed, slightly curved with well attached flower; approx. 10% of misshaped fruits	
Darko F1	Sativa	Planta	7	19	4	158	Z	8	3	long cylindrical	1	8	8	24	46	14	17	36	47	17	19,48	23,36	III	slow thickening of the fruit, slightly contracted in the middle; approx. 10% of misshaped fruits	
Zuboda	ISP Quedlinburg	Amarant	8	19	5	260	Z	8	3	club-shaped	1	7	6	14	51	23	12	27	60	13	14,27	16,19	III		
Mean																					27,04	31,57			
LSD (0.05)																						6,76	7,37		

Variety trial: Squash
Location: Šempeter - autumn, plastic tunnel
Year: 2018

Previous crop: squash
 Fertilizing: 41 kg/ha N

side dressing: 76 kg/ha N, 24 kg/ha P₂O₅, 80 kg/ha K₂O, 12 kg/ha MgO

Growing in the plastic tunnel; soil covering with black PE mulch; drip irrigation

Planting density: 140 cm x 50 cm; 14,285 plants/ha

Sowing: 11.07.2018, transplanting: 31.07.2018, harvesting: 21.08.- 25.10.2018, 21 harvests

Trial layout: randomized blocks in 3 repetitions, plot size 3,50 m²

VARIETY	Origin	Supplier	Earliness 3=early 7=late	Powdery mildew infection 3=weak 7=strong	FRUITS						Shrivelled fruits % of total number of produced fruits	YIELD										Comments
					Length cm	Width cm	Weight g	Major skin colour	Colour intensity 3=light 7=dark	Shape		Class				Month			Marketable t/ha	Total t/ha	Yield category	
												%				%						
												Extra	I	II	Waste	8	9	10				
Naxos F1	Syngenta	HP Hibrid	4	5	19	4	152	Z	6	long cylindrical	3	13	38	42	6	15	53	32	43,63	46,62	I	
Supremo F1	Syngenta	HP Hibrid	5	5	20	4	160	Z	6	long cylindrical	17	18	41	32	9	13	50	36	38,18	41,97	I	slow thickening of the fruit, slightly contracted in the middle
Brillante F1	Semillas Fito	Picount	3	6	20	4	193	Z	7	long cylindrical	14	16	33	39	13	19	52	29	37,34	42,80	I	
ZUG 16104 F1	Esasem	Cabo	5	6	20	4	160	Z	7	club-shaped	9	14	41	36	9	17	50	33	36,77	40,54	II/1	
SAT 405 F1	Sativa	Planta	6	7	18	5	215	Z	6	long cylindrical	17	20	37	27	16	9	53	38	35,13	41,60	II/1	
Opera F1	Clause	Cabo	6	6	20	4	173	Z	6	long cylindrical to club-shaped	19	15	44	29	12	14	54	33	34,76	39,56	II/1	
Baldo (ZUG 16101) F1	Esasem	Cabo	4	7	20	4	160	Z	7	long cylindrical to club-shaped	11	11	41	36	13	20	52	28	33,82	38,75	II/2	
Aloha F1	Clause	Cabo	5	5	19	4	181	Z	6	club-shaped	12	18	36	37	8	16	52	32	33,69	36,72	II/2	
Dunja F1	Enza Z.	Zeleni hit	4	6	18	4	161	Z	7	club-shaped	7	18	46	31	5	23	48	30	29,37	30,79	II/3	
Ninfa F1	Clause	Cabo	4	6	19	4	165	Z	7	long cylindrical	20	16	37	17	31	21	50	29	25,57	36,88	III	from the middle of september approx. 50% of virotic fruits
Darko F1	Sativa	Planta	6	7	21	4	176	Z	6	long cylindrical	12	12	35	23	30	15	62	24	23,39	33,30	III	fruit slightly contracted in the middle; from the middle of september approx. 50% of virotic fruits
Zuboda	ISP Quedlinburg	Amarant	8	4	21	5	264	Z	6	club-shaped to cylindrical	21	25	45	20	10	1	54	45	12,71	14,17	III	
Mean																			32,03	36,98		
LSD (0.05)																			5,17	5,57		