

Variety trial: Leek
Location: Ptuj - 1. harvest
Year: 2016

Previous crop: cereals

Fertilization: 40 t/ha stable manure, 21 kg/ha N, 60 kg/ha P₂O₅, 270 kg/ha K₂O

side dressing: 81 kg/ha N

Growing in the open field

Planting density: 55 cm x 20 cm; 90.900 plants/ha, transplanting into two-row stripes

Sowing: 11.03.2016, transplanting: 17.05.2016, harvesting: 14.09.2016

Trial layout: randomized block design in 3 repetitions, plot size 4.40 m²

VARIETY	Origin	Supplier	PLANT					SHAFT					YIELD		
			Height cm	Leaves attitude, evaluation 3=erect 5=semi erect 7=horizontal	Leaves colour	Colour intensity 3=light 7=dark	Leight cm	Height cm	Width cm	Bulbing 3=weak 7=strong	Blanching 3=good 7=poor	Marketable part weight g	Marketable t/ha	Total t/ha	Yield category
Volta F1	Seminis	Semenarna	89	2	SZ	3	43	20	4,9	2	4-5	564	30,35	31,32	I
Sevilla	Syngenta	Semina	108	2	MZ	9	54	21	4,6	2	2	434	30,16	30,17	I
Domači dolgi	Royal Seeds	Semina	146	6	MZ	6	67	38	4,4	7	4	380	27,63	28,08	II/1
Varna	Seminis-RS	Semenarna	147	6	RuZ	4	74	39	4,4	6	4	451	26,46	26,67	II/2
Lancelot	Bejo Zaden	Agrocasol plus	98	6	MZ	5	48	20	4,8	3	3	456	24,60	24,82	II/2
Axima	Vitalis Biologische Zaden	Zeleni hit	100	6	MZ	6	47	19	5,1	7	4	415	21,86	22,05	II/3
Nestor F1	Esasem	Cabo d.o.o.	102	3	MZ	5	48	21	4,3	6	6	382	21,57	22,24	II/3
Forrest	Bejo Zaden	Agrocasol plus	92	7-8	MZ	3	41	15	4,3	7	5	298	15,25	15,98	III
Povprečje poskusa												24,73	25,17		
LSD (0,05)												4,57	4,48		

Variety trial: Leek
Location: Ptuj - 2. harvest
Year: 2016

Previous crop: cereals

Fertilization: 40 t/ha stable manure, 21 kg/ha N, 60 kg/ha P₂O₅, 270 kg/ha K₂O

side dressing: 81 kg/ha N

Growing in the open field

Planting density: 55 cm x 20 cm; 90.900 plants/ha, transplanting into two-row stripes

Sowing: 11.03.2016, transplanting: 17.05.2016, harvesting: 28.09.2016

Trial layout: randomized block design in 3 repetitions, plot size 4.40 m²

VARIETY	Origin	Supplier	Earliness 3=early 7=late	PLANT					SHAFT					YIELD		
				Height cm	Leaves attitude, evaluation 3=erect 5=semi erect 7=horizontal	Leaves colour	Colour intensity 3=light 7=dark	Length cm	Height cm	Width cm	Bulbing 3=weak 7=strong	Blanching 3=good 7=poor	Marketable part weight g	Marketable t/ha	Total t/ha	Yield category
Volta F1	Seminis	Semenarna	3	95	3	Z	1	49,3	23,1	4,7	1	2	545	34,36	34,49	I
Sevilla	Syngenta	Semina	5	110	4	SZ	5	45,6	23	5,1	1	1	581	33,24	34,07	I
Varna	Seminis-RS	Semenarna	2	147	5	1	3	72,6	46,1	4,2	6	3	437	30,98	31,27	II/1
Domači dolgi	Royal Seeds	Semina	2	146	4	RuZ	3	76,1	48,2	4,3	4-5	3	501	30,48	30,82	II/1
Nestor F1	Esasem	Cabo d.o.o.	7	108	6	SZ	7	46,2	23,1	4,8	4	3	467	28,41	28,45	II/2
Lancelot	Bejo Zaden	Agrocasol plus	6	101	7	SZ	5	41,3	20,2	5,2	4	2	505	28,16	28,75	II/2
Axima	Vitalis Biologische Zaden	Zeleni hit	5	98	7	SZ	8	40,7	22,5	4,6	2	2	411	23,55	23,81	III
Forrest	Bejo Zaden	Agrocasol plus	7	86	8	SZ	5	34,6	15,1	4,3	7	3	284	17,31	17,95	III
Povprečje poskusa													28,31	28,70		
LSD (0,05)													4,30	4,36		

Variety trial:

Leek

Location:

Ptuj - total

Year:

2016

Previous crop: wheat

Fertilization: 40 t/ha stable manure, 21 kg/ha N, 60 kg/ha P₂O₅, 270 kg/ha K₂O

side dressing: 81 kg/ha N

Growing in the open field

Planting density: 55 cm x 20 cm; 90.900 plants/ha, transplanting into two-row stripes

Sowing: 11.03.2016, transplanting: 17.05.2016, harvesting: 14.09.2016, 28.09.2016

Trial layout: randomized block design in 3 repetitions, plot size 8.80 m²

VARIETY	Origin	Supplier	YIELD		
			Marketable t/ha	Total t/ha	Yield category
Volta F1	Seminis	Semenarna	31,61	32,12	I
Sevilla	Syngenta	Semina	30,87	31,28	I
Domači dolgi	Royal Seeds	Semina	28,36	28,75	I
Varna	Seminis-RS	Semenarna	27,97	28,21	I
Lancelot	Bejo Zaden	Agrocasol plus	25,66	26,05	II/1
Nestor F1	Esasem	Cabo d.o.o.	24,51	24,84	II/2
Axima	Vitalis Biologische Zaden	Zeleni hit	22,14	22,36	II/2
Forrest	Bejo Zaden	Agrocasol plus	15,89	16,56	III
Povprečje poskusa			23,00	23,35	
LSD (0,05)			3,52	3,54	