

Variety trial:
Location:
Year:
2017

Previous crop: lettuce

Fertilization: 40 t/ha stable manure

side dressing: 135 kg/ha N

Growing in the open field

Planting density: 50 cm x 40 cm; 33,300 plants/ha

Sowing: 12.05.2017, transplanting: 09.06.2017, harvesting: 13.09. - 05.10.2017

Trial layout: randomized block design in 3 repetitions, plot size 6.0 m²

VARIETY	Origin	Supplier	Earliness 3=early 7=late	Maturing 3=uniform 7=ununiform	Field standing ability 3=good 7=poor	Cracking 3=weak 7=strong	PLANT					HEAD							YIELD				Comments		
							Height cm	Width cm	Outer leaves colour	Colour intensity 3=light 7=dark	Head position 3=deep 7=high	Height cm	Width cm	Weight g	Inner stem length cm	Density 3=dense 7=loose	Shape	Colour	Internal structure 3=fine 7=coarse	Dry matter %	Marketable t/ha	Total t/ha		Yield category	
Strukta F1	Takii Seed	Zeleni hit	7	2	2	1	39	61	SZ	4	7	17	16	1767	8,2	2	circular to conical	BRu	5	6,7	61,60	62,50	I		
Capture F1	Bejo Zaden	Agrocasol	5	2	4	2	37	60	MZ	3	5	17	19	2264	6,9	1	transverse broad elliptic	Ru	3	6,8	57,78	60,22	I		
Padoc F1	Bejo Zaden	Agrocasol	1	2	4	6	34	64	SZ	7	7	17	17	1933	7,8	2	circular	Ru	/	6,4	55,32	55,92	I		
Sintex F1	Bejo Zaden	Agrocasol	6	2	2	2	35	60	Z	7	7	15	16	1486	8,7	1	circular	Ru	3	7,4	44,56	44,67	II/1		
Varaždinsko 2	Semenarna	Semenarna	5	5	6	5	31	59	Z	6	5	12	17	1246	7,5	6	transverse narrow elliptic	Ru	7	7,7	35,93	37,37	II/2		
Bronco F1	Bejo Zaden	Agrocasol	4	7	5	2	35	63	SZ	5	5	16	16	1526	7,6	1-2	oval	BRu	/	7,1	35,66	36,87	II/2		
Emona	Amarant	Amarant	8	8	5	2	36	71	Z	4	8	16	20	1735	9,8	2+7	circular to transverse elliptic	RuZ	8	7,7	32,36	36,19	II/3	very uneven in color and shape	
Ljubljansko	Semenarna	Semenarna	8	7	3	1	41	64	Z	2	7	16	20	1305	9,3	7	transverse elliptic	RuZ	8	8,0	27,89	29,91	III		
Megaton F1	Bejo Zaden	Agrocasol	6	7	6	4	37	65	Z	3	3	17	15	1372	5,3	4	oval	Ru	6	7,4	26,47	29,02	III		
Futoško	Semenarna	Semenarna	2	8	8	7	35	62	RuZ	3	4	15	18	1247	6,1	7	transverse elliptic	Ru	/	7,1	24,90	27,46	III		
Pretino F1	Takii Seed	Zeleni hit	1	4	8	9	36	59	V	3	7	14	13	1002	6,7	3	circular	V	/	/	12,62	17,27	III		
Mean																					37,74	39,76			
LSD (0.05)																						9,61	9,24		

Variety trial:

Cabbage

Location:

Nova Gorica

Year:

2017

Previous crop: pepper

Fertilization: 30 kg/ha N, 60 kg/ha P₂O₅, 120 kg/ha K₂O

side dressing: 154 kg/ha N, 6 kg/ha P₂O₅, 20 kg/ha K₂O, 3 kg/ha MgO

Growing in the open field

Planting density: 50 cm x 40 cm; 33,300 plants/ha

Sowing: 12.05.2017, transplanting: 22.06.2017, harvesting: 22.09. - 24.10.2017

Trial layout: randomized block design in 3 repetitions, plot size 6.00 m²

VARIETY	Origin	Supplier	Earliness 3=early 7=late	Maturing 3=uniform 7=ununiform	Field standing ability 3=good 7=poor	Cracking 3=weak 7=strong	PLANT					HEAD							YIELD			
							Height cm	Width cm	Outer leaves colour	Colour intensity 3=light 7=dark	Head position 3=deep 7=high	Height cm	Width cm	Weight g	Inner stem length cm	Density 3=dense 7=loose	Shape	Colour	Internal structure 3=fine 7=coarse	Marketable t/ha	Total t/ha	Yield category
Padoc F1	Bejo Zaden	Agrocasol	1	5	8	8	26	48	Z	5	7	17	14	1209	7,1	2	oval	BRu	5	26,03	29,63	II/1
Ljubljansko	Semenarna	Semenarna	8	6	4	4	32	64	Z	2	5	16	21	1703	8,1	3-4	transverse elliptic	Ru	4	25,20	26,83	II/2
Capture F1	Bejo Zaden	Agrocasol	4	4	6	2	32	47	SZ	5	3	13	16	1062	7,5	3-4	transverse broad elliptic	BRu	4	23,87	24,78	II/2
Strukta F1	Takii Seed	Zeleni hit	6	4	3	2	34	56	SZ	3	7	18	15	1526	8,1	2	oval	BRu	3	19,41	20,33	II/2
Sintex F1	Bejo Zaden	Agrocasol	6	6	2	2	31	51	SZ	3	2	14	14	902	8,0	4	circular	Ru	3	16,77	17,32	II/3
Mean																				22,26	23,78	
LSD (0.05)																				7,12	6,01	

Variety trial: **Cabbage**
Location: **Ivanci**
Year: **2017**

Previous crop: rye

Fertilization: 45 kg/ha N, 105 kg/ha P₂O₅, 190 kg/ha K₂O, 5 kg/ha MgO, 0.75 kg/ha B

side dressing: 162 kg/ha N, 90 kg/ha K₂SO₄; foliar: 0.49 l/ha B

Growing in the open field

Planting density: 50 cm x 50 cm; 40,000 plants/ha

Sowing: 12.05.2017, transplanting: 15.06.2017, harvesting: 11.09. - 29.09.2017

Trial layout: randomized block design in 3 repetitions, plot size 5.00 m²

VARIETY	Origin	Supplier	Earliness 3=early 7=late	Maturing 3=uniform 7=ununiform	Field standing ability 3=good 7=poor	Cracking 3=weak 7=strong	PLANT					HEAD							YIELD						
							Height cm	Width cm	Outer leaves colour	Colour intensity 3=light 7=dark	Head position 3=deep 7=high	Height cm	Width cm	Weight g	Inner stem length cm	Density 3=dense 7=loose	Shape	Colour	Internal structure 3=fine 7=coarse	Marketable t/ha	Total t/ha	Yield category			
Strukta F1	Takii Seed	Zeleni hit	6	2	2	1	46	70	SZ	5	9	22	20	3367	11,2	1	oval to conical	BRu	2	119,88	119,88	I			
Padoc F1	Bejo Zaden	Agrocasol	3	3	8	8	39	68	MZ	8	3	21	62	3672	10,2	1	circular	Ru	2	109,59	118,75	I			
Bronco F1	Bejo Zaden	Agrocasol	5	2	3	3	43	73	SZ	8	5	19	19	2539	8,2	1	circular	BRu	/	87,40	89,89	II/1			
Capture F1	Bejo Zaden	Agrocasol	4	1	3	3	40	66	SZ	5-6	4	17	19	2298	7,8	4	transverse broad elliptic to transverse elliptic	Ru	/	81,81	86,88	II/2			
Sintex F1	Bejo Zaden	Agrocasol	5	1	3	3	40	72	MZ	6	4	17	18	2238	9,6	2	circular	Ru	/	81,80	81,96	II/2			
Ljubljansko	Semenarna	Semenarna	8	4	2	2	44	82	Z	2	3	17	25	2521	10,6	7	transverse elliptic	Ru	3	81,26	82,22	II/2			
Varaždinsko 2	Semenarna	Semenarna	5	4	4	3	35	68	Z	8	3	14	22	2054	7,4	4	transverse narrow elliptic	Ru	/	62,55	64,99	III			
Emona	Amarant	Amarant	7	6	5	2	45	84	Z	1	5	18	24	2615	9,2	6	transverse elliptic	Ru	3	61,54	69,46	III			
Futoško	Semenarna	Semenarna	2	7	9	6	38	74	RuZ	2	8	21	25	2722	8,8	4	transverse elliptic	Ru	3	61,17	70,25	III			
Pretino F1	Takii Seed	Zeleni hit	1	2	8	9	39	60	V	3	5	15	15	1359	8,4	3	circular	V	/	32,92	43,81	III			
Mean																				77,99		82,81			
LSD (0.05)																				11,08		11,86			