

Variety trial:

Lettuce - Slovene variety

Location:

Jablje

Year:

2016 - spring period 1

Previous crop: peas

Fertilizing: 40 t/ha stable manure, 102 kg/ha N, 60 kg/ha P<sub>2</sub>O<sub>5</sub>, 270 kg/ha K<sub>2</sub>O

Growing in the open field

Planting density: 30 cm x 30 cm; 66,666 plants/ha; planting into three-row stripes

Sowing: 07.03.2016, transplanting: 12.04.2016, harvesting: 01.06. - 16.06.2016

Trial layout: randomized blocks in 3 repetitions, experimental plot 3.15 m<sup>2</sup>

VARIETY	Origin	Supplier	Tip/Type MG=butthead KBg=batavia head KB=batavia rosette KK=leberg R=cutting V=cos	Earliness 3=early 7=late	Bolting 3=late 7=early	PLANT							YIELD			Comments
						Size 3=small 7=large	Weight g	Colour (intensity)	Anthocyanin -=-absent +=present	Density 3=dense 7=lose	Blistering of leaves 3=weak 7=strong	Marketable part weight g	Marketable t/ha	Total t/ha	Yield category	
Dalmatinska ledenka	Sativa	Planta	KBg	5	7	7	868	Z (8)	+	4-6	4	652	43,23	56,66	I	
Posavka	Sativa	Planta	KBg	5	7	8	883	Z (8)	+	4-6	4	636	41,50	60,89	I	half open heads
Trnovska ledenka	Vrtnarstvo Pustovrh	Vrtnarstvo Pustovrh	KBg	5	4	4	699	Z (4)	+	3	4	543	41,26	51,01	I	half open heads
Laibacher Eis 4	Sativa	Planta	KBg	6	3	6	862	Z (4)	+	4	6	632	40,02	58,38	I	
Canasta	Syngenta	HP hibrid	KBg	7	2	5	664	Z (4)+Rd (6)	+	2	7	447	37,19	54,54	II/1	
Bistra	Semenarna	Semenarna	KBg	5	7	6	610	Z (4)	+	6	6	442	36,89	54,86	II/1	
Pavlinčica	Verti	Verti	KBg	3	7	5	703	Z (5)	-	4	6	602	36,15	43,94	II/1	
Šempeterka	Osvald	Osvald	KBg	6	8	8	837	Z (8)	-	4-7	4	596	30,66	55,55	II/3	
Ljubljanska ledenka	KIS	KIS	KBg	3	5	5	649	Z (3)	-	3	5	473	28,64	37,08	II/3	slightly variable; early decaying; very susceptible for <i>Bremia lactucae</i>
Belokriška	KIS	KIS	KBg	4	6	5	717	Z (3)	-	/	5	530	27,28	39,34	III	half closed heads
Anna	Druzovič	Druzovič	KBg	2	7	4	468	Z (4)	+	1	7	388	24,23	28,99	III	
Laibacher Eis 2	Sativa	Planta	KBg	2	7	3	481	Z (4)	+	/	7	396	23,03	27,85	III	
Marija	Sativa	Planta	KBg	5	8	6	721	Z (4)	-	5	5	505	20,53	49,92	III	
<b>Mean</b>													33,12	47,62		
<b>LSD (0.05)</b>													4,84	6,40		

**Variety trial:** Lettuce - Slovene variety  
**Location:** Jablje  
**Year:** 2016 - spring period 2

Previous crop: peas

Fertilizing: 40 t/ha stable manure, 102 kg/ha N, 60 kg/ha P<sub>2</sub>O<sub>5</sub>, 270 kg/ha K<sub>2</sub>O

Growing in the open field

Planting density: 30 cm x 30 cm; 66,666 plants/ha; planting into three-row stripes

Sowing: 29.03.2016, transplanting: 05.05.2016, harvesting: 21.06. - 28.06.2016

Trial layout: randomized blocks in 3 repetitions, experimental plot 2.70 m<sup>2</sup>

VARIETY	Origin	Supplier	Tip/Type MG=butthead KBg=batavia head KB=batavia rosette KK=iceberg R=cutting V=cos	Earliness 3=early 7=late	Bolting 3=late 7=early	PLANT							YIELD			Comments
						Size 3=small 7=large	Weight g	Colour (intensity)	Anthocyanin -absent +=present	Density 3=dense 7=lose	Blistering of leaves 3=weak 7=strong	Marketable part weight g	Marketable t/ha	Total t/ha	Yield category	
Trnovska ledenka	Vrtnarstvo Pustovrh	Vrtnarstvo Pustovrh	KBg	5	4	5	656	Z (4)	+	4	5	527	34,05	40,82	I	half closed heads
Posavka	Sativa	Planta	KBg	5	6	7	717	Z (7)	+	4	4	542	32,20	41,25	I	open heads; susceptible for <i>Bremia lactucae</i>
Leda	Semenarna	Semenarna	KBg	5	4	5	657	Z (4)	-	4	6	503	30,75	40,09	I	slightly susceptible for <i>Bremia lactucae</i>
Anna	Druzovič	Druzovič	KBg	3	4	4	615	Z (4)	+	3	7	478	29,11	36,22	II/1	
Canasta	Syngenta	HP hibrid	KBg	6	2	6	672	Z (3) + Rd (5)	+	7	5	510	28,39	37,85	II/1	open heads; slightly susceptible for <i>Bremia lactucae</i>
Ljubljanska ledenka	KIS	KIS	KBg	4	/	5	607	Z (3)	-	5	5	446	26,38	34,58	II/2	early decaying; very susceptible for <i>Bremia lactucae</i>
Bistra	Semenarna	Semenarna	KBg	6	/	6	763	Z (5)	+	2	7	556	25,88	53,90	II/2	early decaying; slightly susceptible for <i>Bremia lactucae</i>
Laibacher Eis 2	Sativa	Planta	KBg	3	4	3	561	Z (4)	+	3	7	444	25,70	32,18	II/2	
Belokriška	KIS	KIS	KBg	4	6	5	613	Z (3)	-	6	4	470	25,42	34,77	II/2	half closed heads; early decaying; very susceptible for <i>Bremia lactucae</i>
Pavlinčica	Verti	Verti	KBg	5	6	5	622	Z (5)	-	4	6	464	24,69	36,13	II/2	half closed heads; slightly susceptible for <i>Bremia lactucae</i>
Šempeterka	Osvald	Osvald	KBg	5	8	7	534	Z (7)	-	5	4	409	17,58	32,74	III	early bolting; half open heads; early decaying; very susceptible for <i>Bremia lactucae</i>
Marija	Sativa	Planta	KBg	5	8	6	558	Z (3)	-	7	4	392	13,71	33,86	III	early bolting; half closed heads; early decaying; very susceptible for <i>Bremia lactucae</i>
Vegorka	Semenarna	Semenarna	KBg	5	7	8	888	Z (4)	+	6	4	623	11,79	53,46	III	early bolting; open heads; susceptible for <i>Bremia lactucae</i>
Unicum	Semenarna	Semenarna	KBg	/	7	8	/	Z (5)	+	/	/	/	/	/	/	open heads; susceptible for <i>Bremia lactucae</i>
Dalmatinska ledenka	Sativa	Planta	KBg	/	6	7	/	Z (7)	+	/	/	/	/	/	/	open heads; susceptible for <i>Bremia lactucae</i>
Laibacher Eis 4	Sativa	Planta	KBg	4	/	6	/	Z (4)	+	5	7	/	/	/	/	
<b>Mean</b>													25,05	39,07		
<b>LSD (0.05)</b>													4,20	4,14		

**Variety trial:** Lettuce - Slovene variety  
**Location:** Jablje  
**Year:** 2016 - autumn period 1

Previous crop: onion

Fertilizing: /; side dressing: 50 kg/ha N, 50 kg/ha P<sub>2</sub>O<sub>5</sub>, 50 kg/ha K<sub>2</sub>O

Growing in the open field

Planting density: 30 cm x 30 cm; 66,666 plants/ha; planting into three-row stripes

Sowing: 08.07.2016, transplanting: 09.08.2016, harvesting: 30.09. - 13.10.2016

Trial layout: randomized blocks in 3 repetitions, experimental plot 2.70 m<sup>2</sup>

VARIETY	Origin	Supplier	Tip/Type MG=butthead KBg=batavia head KBf=batavia rosette KK=iceberg R=cutting V=cos	Earliness 3=early 7=late	Bolting 3=late 7=early	PLANT						Injuries caused by low temperatures 3=minor 7=serious	YIELD			Comments
						Size 3=small 7=large	Weight g	Colour (intensity)	Anthocyanin -=absent +=present	Density 3=dense 7=lose	Marketable part weight g		Marketable t/ha	Total t/ha	Yield category	
Belokriška	KIS	KIS	KBg	5	3	5	632	RuZ (3)	-	4-6	490	8	32,37	41,77	I	
Canasta	Syngenta	HP hibrid	KBg	7	2	6	785	Z (3)	+	5-7	602	5	31,60	46,11	I	
Leda	Semenarna	Semenarna	KBg	6	5	5	693	RuZ (5)	-	6	559	7	24,18	39,09	II/2	
Ljubljanska ledenka	KIS	KIS	KBg	6	6	7	591	RuZ (5)	-	7	415	6	22,54	37,71	II/3	
Anna	Druzovič	Druzovič	KBg	6	4	5	573	RuZ (4)	+	4-7	352	8	22,16	37,73	II/3	
Laibacher Eis 2	Sativa	Planta	KBg	5	4	6	586	RuZ (4)	+	3-5	418	6	21,77	35,76	II/3	
Vegorka	Semenarna	Semenarna	/	/	9	8	/	/	+	/	/	7	/	/	/	slightly susceptible for <i>Bremia lactucae</i>
Unicum	Semenarna	Semenarna	/	/	8	/	/	/	/	/	/	8	/	/	/	
Dalmatinska ledenka	Sativa	Planta	/	/	8	/	/	/	/	/	/	8	/	/	/	
Pavlinčica	Verti	Verti	/	/	7	/	/	/	/	/	/	7	/	/	/	
Bistra	Semenarna	Semenarna	/	/	5	/	/	/	/	/	/	7	/	/	/	
Laibacher Eis 4	Sativa	Planta	KBg	6	4	7	/	RuZ (4)	+	3-5	/	7	/	/	/	
Posavka	Sativa	Planta	KBg	/	8	6	/	Z (7)	/	/	/	7		bolting		very susceptible for <i>Bremia lactucae</i>
Marija	Sativa	Planta	/	/	8	/	/	/	/	/	/	9		bolting		
Šempeterka	Osvald	Osvald	/	/	8	/	/	/	/	/	/	7		bolting		
<b>Mean</b>													25,77	39,70		
<b>LSD (0.05)</b>													4,20	5,74		

**Variety trial:****Lettuce - Slovene variety****Location:****Jablje****Year:****2016 - autumn period 2**

Previous crop: garlic

Fertilizing: /: side dressing: 50 kg/ha N, 50 kg/ha P<sub>2</sub>O<sub>5</sub>, 50 kg/ha K<sub>2</sub>O

Growing in the plastic tunnel

Planting density: 30 cm x 30 cm; 66,666 plants/ha; planting into three-row stripes

Sowing: 22.07.2016, transplanting: 19.08.2016, harvesting: 03.10.2016

Trial layout: randomized blocks in 3 repetitions, experimental plot 2.70 m<sup>2</sup>

VARIETY	Origin	Supplier	Earliness 3=early 7=late	Bolting 3=late 7=early	PLANT						Tipburn 3=minor 7=serious	YIELD		
					Size 3=small 7=large	Weight g	Colour (intensity)	Anthocyanin - =absent + =present	Density 3=dense 7=lose	Marketable part weight g		Marketable t/ha	Total t/ha	Yield category
Belokriška	KIS	KIS	4	/	6	865	Z (4)	-	3-5	692	1	39,14	53,67	II/1
Bistra	Semenarna	Semenarna	7	5	7	784	Z (5)	+	5-8	621	3	35,95	49,19	II/2
Trnovska ledenka	Vrtnarstvo Pustovrh	Vrtnarstvo Pustovrh	5	5	5	777	Z (4)	+	4-6	661	4	32,01	53,73	II/2
Anna	Druzovič	Druzovič	5	4	5	635	Z (5)	+	3-5	523	7	29,19	44,96	II/2
Laibacher Eis 2	Sativa	Planta	5	5	5	721	Z (5)	+	4	585	8	29,06	47,10	II/2
Vegorka	Semenarna	Semenarna	/	8	8	/	Z (3)	+	/	/	5	/	/	/
Dalmatinska ledenka	Sativa	Planta	/	8	5	/	Z (8)	+	/	/	/	/	/	/
Ljubljanska ledenka	KIS	KIS	/	7	7	/	Z (4)	-	/	/	/	/	/	/
Leda	Semenarna	Semenarna	6	6	6	/	Z (6)	-	/	/	/	/	/	/
Laibacher Eis 4	Sativa	Planta	6	4	7	/	Z (4)	+	7	/	/	/	/	/
Posavka	Sativa	Planta	/	7	6	/	Z (8)	+	/	/	2			bolting
Unicum	Semenarna	Semenarna	/	9	8	/	Z (4)	+	/	/	/			bolting
Pavlinčica	Verti	Verti	6	7	7	/	Z (5)	-	/	/	5			bolting
Marija	Sativa	Planta	/	9	7	/	Z (4)	-	/	/	1			bolting
Šempeterka	Osvald	Osvald	/	8	6	/	Z (8)	-	/	/	1			bolting
<b>Mean</b>												33,07	49,73	
<b>LSD (0.05)</b>												8,51	4,78	