

Sortni poskus/Variety trial :

Lokacija/Location :

Leto/Year :

Prejšnji posevek: koruza

Gnojenje: NPK 6-12-24 800kg/ha, Amosulfan - 600kg/ha

Škropljenje:

herbicidi: Stomp 400 SC 5 l/ha

fungicidi: Acrobat MZ 2,5 kg/ha (1x), Infinito 1,5 l/ha (2x),

Ortiva 0,5 l/ha (3x), Revus 0,6 l/ha (4x), Dithane 2,5kg/ha (1x)

insekticidi: Force 1,5 G 5 kg/ha, Calypso 0,1 l/ha, Alverde 0,25 l/ha, Teppeki 0,16 kg/ha

uničenje krompirjevke: Reglone 200 SL 4 l/ha

Gostota saditve: 75 cm x 35 cm, 4 rastline/m²

Saditev: 16.04.2015, izkop: 22.9.2015 - 1.10.2015

Zasnova poskusa: naključni blok v 5 ponovitvah, osnovna parcela 18,14 m²

Krompir/Potato

Lahovče

2015

Previous crop: mays

Fertilization: NPK 6-12-24 800kg/ha, Amosulfan - 600kg/ha

Spraying:

herbicides: Stomp 400 SC 5 l/ha

fungicides: Acrobat MZ 2.5 kg/ha (1x), Infinito 1.5 l/ha (2x),

Ortiva 0.5 l/ha (3x), Revus 0.6 l/ha (4x), Dithane 2.5kg/ha (1x)

insecticides: Force 1.5 G 5 kg/ha, Calypso 0.1 l/ha, Alverde 0.25 l/ha, Teppeki 0.16 kg/ha

haulm destruction: Reglone 200 SL 4 l/ha

Planting density: 75 cm x 35 cm, 4 plants/m²

Date of planting: 16.04.2015, date of harvesting: 22.9.2015 - 1.10.2015

Trial layout: randomized block design in 5 repetitions, plot size 18.14 m²

ZGODNJE SORTE/EARLY VARIETIES

SORTA VARIETY	Pridelek gomoljev Yield of tubers t/ha	Rodnostna skupina Yield category	TEŽA GOMOLJEV WEIGHT OF TUBERS				ŠTEVILO GOMOLJEV NUMBER OF TUBERS				Povprečno število gomoljev na rastlino Average number of tubers per plant	Povprečna teža gomoljev Average weight of tubers g	Suha snov Dry matter %	Pridelek suhe snovi Yield of dry matter t/ha	Koefficient variabilnosti sorte Coefficient of variation of variety %
			> 65 mm kvadratne mreže > 65 mm of square mesh %	45 - 65 mm kvadratne mreže 45 - 65 mm of square mesh %	25 - 45 mm kvadratne mreže 25 - 45 mm of square mesh %	< 25 mm kvadratne mreže < 25 mm of square mesh %	> 65 mm kvadratne mreže > 65 mm of square mesh %	45 - 65 mm kvadratne mreže 45 - 65 mm of square mesh %	25 - 45 mm kvadratne mreže 25 - 45 mm of square mesh %	< 25 mm kvadratne mreže < 25 mm of square mesh %					
Everest	75.00	I	40.0	52.9	6.9	0.2	19.2	51.5	25.8	3.6	12.6	131	17.7	13.28	7.8
Arinda	73.54	I	7.7	71.9	19.8	0.5	2.3	47.9	41.2	8.6	18.9	89	18.2	13.36	7.9
Evora	68.17	I	28.9	60.5	10.0	0.5	12.8	53.4	26.6	7.1	15.1	95	19.1	13.02	9.4
Arizona	64.30	I	30.7	56.3	12.4	0.6	11.9	46.2	33.6	8.3	16.0	98	16.7	10.76	6.7
Exellency	62.84	I	7.0	69.0	23.3	0.7	2.0	46.9	44.1	7.0	17.5	85	20.4	12.80	6.1
Colomba	61.38	I	26.0	57.1	16.1	0.8	8.5	42.0	40.2	9.2	18.7	80	15.7	9.64	3.4
Natascha	59.89	I	11.4	64.1	23.4	1.1	3.1	41.6	43.7	11.6	16.6	70	19.0	11.40	4.6
Marabel	59.72	I	13.8	68.3	17.2	0.8	4.3	47.3	38.5	9.9	16.3	83	19.7	11.74	3.2
Casablanca	58.21	II/1	25.6	60.2	13.6	0.5	10.4	47.5	33.8	8.3	18.2	81	19.1	11.14	5.7
Carrera	57.60	II/2	27.1	59.6	12.8	0.6	10.0	49.6	32.6	7.8	13.5	94	15.2	8.77	4.9
KIS Mirna	56.73	II/2	17.9	65.1	16.5	0.5	6.3	48.0	39.2	6.4	15.7	85	18.9	10.70	5.1
Catania	56.39	II/2	9.6	58.7	31.1	0.6	2.6	36.1	55.8	5.6	16.5	75	18.7	10.56	5.9
Celtiane	55.91	II/2	1.3	65.2	32.7	0.7	0.4	41.5	51.9	6.1	13.9	84	18.6	10.42	13.2
Primadonna	55.56	II/2	12.0	68.3	19.0	0.7	4.2	48.0	40.0	7.8	16.4	84	19.7	10.95	4.4
Maris Bard	55.53	II/2	25.0	62.2	12.6	0.2	9.8	49.8	36.3	4.0	12.9	103	19.2	10.64	10.6
Minerva	51.42	III	40.2	46.3	13.0	0.5	14.9	40.3	37.9	6.9	11.5	99	17.9	9.20	7.0
Gala	50.68	III	1.5	66.4	30.9	1.2	0.4	39.8	52.0	7.8	24.1	53	17.8	9.04	11.5
Adora	47.89	III	6.0	71.9	21.5	0.6	2.0	48.3	43.4	6.3	16.2	76	17.4	8.33	13.3
KIS Vipava	46.38	III	23.6	60.2	15.9	0.2	9.5	49.9	38.0	2.5	13.0	94	19.4	9.00	9.4
Riviera	44.96	III	37.7	54.8	7.3	0.2	18.4	51.8	26.9	2.9	8.7	129.9	17.4	7.81	8.1
KIS Slavnik	39.90	III	44.3	46.0	9.1	0.6	16.1	42.8	30.7	10.3	8.8	116	16.4	6.53	11.9
Cersia	39.88	III	0.0	37.8	60.6	1.6	0.0	17.8	73.4	8.8	18.7	54	20.8	8.29	2.9
Gourmandine	39.79	III	10.2	71.0	18.4	0.4	3.3	48.6	43.7	4.4	9.7	100	17.9	7.12	7.9
Povprečje/Mean	55.72														
LSD (0,05)	3.89												18.2	10.22	

ZGODNJE SORTE/EARLY VARIETIES

SORTA VARIETY	Zvijanje listov Leafroll %	Teški mozaik Severe mosaic %	Blagi mozaik Light mosaic %	Bela noga Rhizosctonia canker %	Črna noga Black leg %	Prazna mesta Empty places %	Vznik Emergence datum/date	Začetek cvetenja Start of flowering datum/date	Polno cvetenje Full flowering datum/date	Konec cvetenja End of flowering datum/date	Pričetek dozorevanja krompirjevke Start of plant maturation datum/date	Krompirjevka popolnoma suha Plants are completely dry datum/date	Opombe Remarks
Everest	0.0	0.0	0.0	0.0	0.0	0.0	13.5.	9.6.	15.6.	25.6.	15.7.	25.7.	navadna krastavost, slabša oblika, pokanje/ <i>common scab, bad shape, skin cracks</i>
Arinda	0.0	0.0	0.0	0.0	0.0	0.0	13.5.	10.6.	15.6.	27.6.	1.8.	10.8.	
Evora	0.0	0.0	0.0	0.0	0.0	1.1	20.5.	15.6.	20.6.	30.6.	20.7.	1.8.	
Arizona	0.0	0.0	0.0	0.8	0.3	4.2	22.5.	P	P	P	25.7.	4.8.	
Exellency	0.0	0.0	0.0	0.0	0.0	0.0	20.5.	21.6.	26.6.	1.7.	25.7.	4.8.	sekundarna rast/ <i>secondary growth</i>
Colomba	0.0	0.0	0.0	0.0	0.3	0.0	13.5.	P	P	P	14.7.	25.7.	
Natascha	0.0	0.0	0.0	0.0	0.0	0.0	21.5.	10.6.	15.6.	30.6.	1.8.	12.8.	sekundarna rast/ <i>secondary growth</i>
Marabel	0.3	0.0	0.0	2.2	0.0	0.8	15.5.	25.6.	P	P	25.7.	5.8.	
Casablanca	0.0	0.3	0.0	0.0	0.0	0.0	15.5.	15.6.	P	P	25.7.	5.8.	sekundarna rast/ <i>secondary growth</i>
Carrera	0.0	0.0	0.0	0.3	0.0	1.7	14.5.	15.6.	20.6.	2.7.	25.7.	6.8.	
KIS Mirna	0.0	0.0	0.0	0.3	0.0	1.1	15.5.	26.6.	1.7.	10.7.	25.7.	3.8.	
Catania	0.0	0.0	0.0	0.3	0.0	2.8	13.5.	P	P	P	15.7.	24.8.	
Celtiane	0.0	0.0	0.0	0.0	0.0	0.0	22.5.	P	P	P	20.7.	1.8.	kifeljčar/ <i>kidney shape</i>
Primadonna	0.0	0.0	0.0	0.0	0.0	0.0	15.5.	26.6.	30.6.	5.7.	1.8.	10.8.	
Maris Bard	0.0	0.0	0.0	0.8	0.0	0.0	19.5.	10.6.	15.6.	25.6.	20.7.	1.8.	navadna krastavost/ <i>common scab</i>
Minerva	0.0	0.0	0.0	0.6	0.0	0.8	14.5.	P	P	P	16.7.	25.7.	sekundarna rast, gomoljčki/ <i>secondary growth, tubel formation</i>
Gala	0.0	0.0	0.0	0.0	0.0	0.0	14.5.	P	P	P	16.7.	24.7.	
Adora	0.0	0.0	0.0	0.0	0.0	0.0	14.5.	15.6.	20.6.	28.6.	16.7.	26.7.	
KIS Vipava	0.0	0.0	0.0	0.0	0.0	0.6	19.5.	15.6.	20.6.	28.6.	16.7.	28.7.	
Riviera	0.0	0.0	0.0	0.0	0.0	1.4	21.5.	P	P	P	15.7.	26.7.	sekundarna rast/ <i>secondary growth</i>
KIS Slavnik	0.0	0.0	0.0	5.3	0.0	6.7	24.5.	18.6.	P	P	15.7.	28.7.	sekundarna rast, gomoljčki/ <i>secondary growth, tubel formation</i>
Cersia	0.0	0.0	0.0	0.0	0.0	0.0	24.5.	20.6.	25.6.	30.6.	20.7.	1.8.	rdeči kifeljčar/ <i>red skin, kloney shape</i>
Gourmandine	0.0	0.0	0.0	0.0	0.0	2.8	23.5.	25.6.	30.6.	5.7.	25.7.	3.8.	navadna krastavost, ponovna rast gomoljev/ <i>common scab, secondary tubel growth</i>

P posamezni cvetovi/P some flowers

* desikacija 20.8.

SREDNJE ZGODNJE SORTE / MEDIUM-EARLY VARIETIES

SORTA VARIETY	Zvijanje listov Leafroll %	Teški mozaik Severe mosaic %	Blagi mozaik Light mosaic %	Bela noga Rhizoctonia canker %	Črna noga Black leg %	Prazna mesta Empty places %	Vznik Emergence datum/date	Začetek cvetenja Start of flowering datum/date	Polno cvetenje Full flowering datum/date	Konec cvetenja End of flowering datum/date	Pričetek dozorevanja krompirjevke Start of plant maturation datum/date	Krompirjevka popolnoma suha Plants are completely dry datum/date	Opombe Remarks
Volare	0.0	0.0	0.0	0.0	0.0	0.0	14.5.	25.6.	30.6.	5.7.	10.8.	*	
Sylvana	0.0	0.0	0.0	0.0	0.0	0.3	13.5.	9.6.	16.6.	1.7.	7.8.	*	
Barcelona	0.0	0.0	0.0	0.3	0.3	0.0	14.5.	15.6.	20.6.	25.6.	1.8.	16.8.	sekundarna rast, gomoljčki/ <i>secondary growth, tubel formation</i>
KIS 04-136/164-31	0.0	0.0	0.0	0.0	0.0	0.0	20.5.	25.6.	30.6.	8.7.	25.7.	15.8.	
Esmee	0.0	0.0	0.0	0.0	0.0	0.0	20.5.	26.6.	P	P	5.8.	*	
Labadia	0.0	0.0	0.0	0.0	0.0	0.6	15.5.	15.6.	24.6.	4.7.	7.8.	*	
Toscana	0.0	0.0	0.0	0.0	0.0	1.1	20.5.	P	P	P	1.8.	10.8.	
Desiree	0.0	0.0	0.0	0.0	0.0	0.6	18.5.	14.6.	22.6.	1.7.	10.8.	*	
Sante	0.0	0.0	0.0	0.0	0.0	0.6	14.5.	P	P	P	5.8.	*	navadna krastavost/ <i>common scab</i>
Carlingford	0.0	0.0	0.0	0.0	0.0	0.0	20.5.	10.6.	15.6.	10.7.	1.8.	*	črna listna pegavost/ <i>early blight</i>
Carolus	0.0	0.0	0.0	0.0	0.0	1.1	19.5.	P	P	P	5.8.	*	sekundarna rast, gomoljčki/ <i>secondary growth, tubel formation</i>
Ramos	0.0	0.0	0.0	0.3	0.0	0.3	19.5.	26.6.	P	P	5.8.	*	sekundarna rast, gomoljčki/ <i>secondary growth, tubel formation</i>
KIS Krka	0.3	0.0	0.0	0.8	0.0	2.5	22.5.	25.6.	1.7.	10.7.	5.8.	*	navadna krastavost/ <i>common scab</i>
KIS Kokra	0.0	0.0	0.0	0.0	0.0	0.6	21.5.	20.6.	25.6.	5.7.	5.8.	15.8.	
Soprano	0.0	0.0	0.0	0.0	0.0	0.3	13.5.	P	P	P	8.8.	*	
Romano	0.0	0.0	0.0	0.0	0.0	1.9	17.5.	P	P	P	5.8.	*	
Bonnie	0.3	0.0	0.0	0.0	0.0	0.0	19.5.	15.6.	24.6.	4.7.	7.8.	*	
Toluca	0.0	0.0	0.0	0.6	0.6	0.3	16.5.	P	P	P	25.7.	*	sekundarna rast/ <i>secondary growth</i>
Pšata	0.3	0.0	0.0	0.0	0.0	0.3	16.5.	P	P	P	25.7.	5.8.	

P posamezni cvetovi/P some flowers

* desikacija 20.8.

POZNE SORTE/LATE VARIETIES

SORTA VARIETY	Zvijanje listov Leafroll %	Teški mozaik Severe mosaic %	Blagi mozaik Light mosaic %	Bela noga Rhizoctonia canker %	Črna noga Black leg %	Prazna mesta Empty places %	Vznik Emergence datum/date	Začetek cvetenja Start of flowering datum/date	Polno cvetenje Full flowering datum/date	Konec cvetenja End of flowering datum/date	Pričetek dozorevanja krompirjevke Start of plant maturation datum/date	Krompirjevka popolnoma suha Plants are completely dry datum/date	Opombe Remarks
Lusa	0.0	0.0	0.0	0.0	0.0	0.6	21.5.	20.6.	26.6.	6.7.	15.6.	*	
Ambition	0.0	0.0	0.0	0.0	0.0	0.8	19.5.	15.6.	24.6.	5.7.	*	*	
Saviola	0.0	0.0	0.0	0.0	2.2	0.0	13.5.	15.6.	20.6.	27.6.	15.8.	*	sekundarna rast/ secondary growth
KIS Sora	0.0	0.0	0.0	0.3	0.0	0.6	21.5.	18.6.	24.6.	8.7.	*	*	
Bistra	0.0	0.0	0.0	0.3	0.0	1.4	14.5.	15.6.	24.6.	5.7.	*	*	
Monte Carlo	0.0	0.0	0.0	2.2	0.3	1.1	15.5.	10.6.	15.6.	1.7.	15.8.	*	sekundarna rast, gomoljčki/ secondary growth, tubel formation
Kennebec	0.0	0.0	0.0	0.0	0.0	0.3	12.5.	12.6.	16.6.	24.6.	10.8.	*	
Jelly	0.3	0.0	0.0	5.3	0.3	2.5	15.5.	P	P	P	15.8.	*	
Alouette	0.0	0.0	0.0	0.0	0.0	0.0	20.5.	P	P	P	15.8.	*	sekundarna rast/ secondary growth
KIS Mura	0.0	0.0	0.0	0.8	0.0	0.3	16.5.	20.6.	26.6.	10.7.	10.8.	*	
Bridget	0.0	0.0	0.0	0.0	0.0	0.0	21.5.	15.6.	24.6.	5.7.	*	*	
Agria	0.3	0.0	0.0	0.3	0.0	1.1	21.5.	P	P	P	*	*	sekundarna rast, gomoljčki/ secondary growth, tubel formation

P posamezni cvetovi/*P some flowers*

* desikacija 20.8.