

Northern Colorado Onion Variety Trials

Colorado State University Extension in Adams County January 16, 2015
 9755 Henderson Road, Brighton, CO. 80601-8114
 (303) 637-8100 smoores@adcogov.org FAX: (303) 637-8125



Sakata Farms (Brighton Location) Storage Report - 2014-2015

Yields are average tons per acre - Planted: March 28 - Harvested: September 16, 2014

Seed Company:	Name	Color	Tons per Acre			Red Intensity 1 to 5 scale	Firmness 0.5 to 5 scale	Scale Retention 0.5 to 5 scale	Percent Bulbs Diseased
			Harvest Yield	Market Yield	Storage Yield				
<u>AMERICAN TAKII</u>	Trail Blazer	Y	4	1	1		2.75	2.38	96
	Grand Perfection	Y	9	7	6.3		2.69	2.87	50
	T-866	Y	7	5	1.8		2.5	3.13	30
<u>BEJO SEEDS INC</u>	Calibra	Y	5	2	1.2		3.01	2.99	44
	Crockett	Y	9	6	5.7		3.12	2.88	20
	Delgado	Y	7	4	2.7		3.03	3.2	16
	Gunnison	Y	2	1	0.6		2.98	2.42	8
	Hamilton	Y	7	5	2.4		2.93	2.7	15
	Legend	Y	6	4	1.8		3.47	3.45	5
	Sedona	Y	9	6	4.7		3.03	3.04	45
<u>NUNHEMS UDA INC</u>	Acero	Y	4	2	1.3		3.02	3	36
	Anillo	Y	2	1	0.6		2.74	2.98	#
	Cometa I	W	6	4	1.3		2.22	1.92	12
	Joaquin	Y	8	6	5.4		2.88	2.75	40
	Montero	Y	3	2	0.7		2.42	1.89	69
	Ranchero	Y	9	6	4.8		2.75	2.5	25
	Vaquero	Y	8	5	4.4		2.63	2.5	40
	Oloroso	Y	6	4	3.5		2.88	2.75	30
<u>SAKATA SEED AMERICA</u>	Spanish Medallion	Y	6	3	1.3		2	1.38	54
	Ovation	Y	12	10	4		2.48	2.42	30
<u>SEMINIS</u>	Swale	Y	6	5	3		2.53	2.7	40
	SV6672NW	Y	5	2	1.7		2.82	2.8	66
	XP07716000	Y	3	1	0.7		2.35	2.67	12
	SV6646NW	Y	8	6	4.4		2.69	2.87	40
	SV4058NU	W	2	1	0		2.42	1.89	#
<u>CROOKHAM COMPANY</u>	Avalon	Y	8	6	2.5		2.51	2.27	19
	Scout	Y	10	7	5.2		2.63	2.5	50
	Pontiac	Y	3	1	0.7		2.68	2.83	#
	Esteem	Y	4	2	1		1.8	2.61	40
	Oracle	Y	10	8	6.4		2.75	3	25
	Trigger	Y	6	4	2.2		2.25	2.88	14
	Purple Haze	R	3	1	0.6	3.3	2.56	3.05	#
<u>HAZERA</u>	Maverick	Y	2	0.3	0.1		3.04	2.95	#
	Frontino	Y	1	0.6	0		2.92	2.39	#
	Cruiser	Y	4	2	1.8		2.51	2.52	54
<u>DP SEEDS</u>	Diamond Swan	W	9	7	3.7		2.52	2.58	43
	Sugar Loaf	W	4	1	0		2.92	3.89	#
	Cherry Mountain	R	6	4	1.5	3.4	3.51	3.02	19
	Saffron	Y	6	4	2.9		2.86	2.87	33
<u>BARTOLO</u>	Cometa II	W	5	4	0.8		2.32	2.35	39
	Redwing I	R	5	4	2.7	3	3.04	2.7	45
	Redwing II	R	2	1	0.5	#	2.52	3.08	#
Averages for all varieties:			5.7	3.7	2.3	3.25*	2.7*	2.7*	35.4*

Critical value for comparison of harvest yield 6.6733; market yield 6.1329 and storage yield 5.8343

*No critical value for firmness, scale, red intensity and percentage of diseased onion bulbs because of no significant differences.

Too few onions to perform evaluation.

Northern Colorado Onion Variety Trials

Colorado State University Extension in Adams County January 16, 2015
 9755 Henderson Road, Brighton, CO. 80601-8114
 (303) 637-8100 smoores@adcogov.org FAX: (303) 637-8125



Sakata Farms (Hudson Location) Storage Report - 2014-2015

Yields are average tons per acre - Planted: March 27 - Harvested: October 9, 2014

Tons per Acre

Seed Company:	Name	Color	Harvest Yield	Market Yield	Storage Yield	Red Intensity	Firmness 0.5 to 5 scale	Scale Retention 0.5 to 5 scale	Percent Bulbs Diseased
<u>AMERICAN TAKII</u>	Trail Blazer	Y	14	9	7.9		3.25	1.88	5
	Grand Perfection	Y	29	26	20.2		2.63	2.25	10
	T-866	Y	31	29	14.1		3.16	2.99	1.4
<u>BEJO SEEDS INC</u>	Calibra	Y	25	22	18.2		3.38	2.88	5
	Crockett	Y	22	18	17.5		3.13	2.88	15
	Delgado	Y	31	27	24		3	2.75	5
	Gunnison	Y	21	19	17.5		3.38	3.13	5
	Hamilton	Y	22	18	17.3		3.88	3.88	5
	Legend	Y	29	25	21.5		3	3	10
	Sedona	Y	26	23	18.9		2.88	2.63	15
<u>NUNHEMS UDA INC</u>	Acero	Y	27	25	22.6		2.88	2.5	10
	Anillo	Y	35	32	28.9		3.13	2.88	5
	Cometa I	W	31	28	22.3		2.38	1.88	15
	Joaquin	Y	31	29	25.2		2.88	2.75	25
	Montero	Y	25	23	19.8		2.13	1.38	10
	Ranchero	Y	35	32	23.9		2.75	1.88	5
	Vaquero	Y	26	23	18.5		2.63	2	0
	Oloroso	Y	25	22	19		3	2.75	15
<u>SAKATA SEED AMERICA</u>	Spanish Medallion	Y	20	18	11.9		1.88	1.13	30
	Ovation	Y	20	17	6.6		2.25	2.13	33
<u>SEMINIS</u>	Swale	Y	28	26	18.6		3.13	2.38	20
	SV6672NW	Y	25	22	16.3		2.13	1.75	25
	XP07716000	Y	33	30	22.5		2.38	2.13	25
	SV6646NW	Y	28	27	20.7		2.75	2.25	5
	SV4058NU	W	32	29	16.2		2	2.13	15
<u>CROOKHAM COMPANY</u>	Avalon	Y	25	21	9.5		1.25	1.25	15
	Scout	Y	22	19	7.8		2.13	1.5	46.3
	Pontiac	Y	24	22	19.1		3.13	2.75	0
	Esteem	Y	21	19	15.6		2.5	2.13	20
	Oracle	Y	26	23	12.7		2.32	1.99	1.4
	Trigger	Y	26	23	16.6		3	2.5	30
	Purple Haze	R	19	14	11.3	3	2.63	2.38	15
<u>HAZERA</u>	Maverick	Y	29	27	20.7		2.38	1.75	15
	Frontino	Y	13	7	2.6		2.75	2.74	#
	Cruiser	Y	19	15	12.5		3.13	2.13	0
<u>DP SEEDS</u>	Diamond Swan	W	20	18	6.9		2.18	1.86	12.7
	Sugar Loaf	W	8	3	0		#	#	#
	Cherry Mountain	R	13	9	4.8	3.3	3.25	2.88	21.4
	Saffron	Y	23	12	10		2.88	2.63	15
<u>BARTOLO</u>	Cometa II	W	29	26	13		2.25	2	0
	Redwing I	R	20	18	14.1	3.25	3.25	3.13	10
	Redwing II	R	18	12	9.2	3.25	3.25	2.88	10

Averages for all varieties: 24.4 21.1 15.6 3.2* 27* 24* 13.5*

Critical value for comparison of harvest yield 6.6733; market yield 6.1329; storage yield 5.8343.

*No critical value for firmness, scale, red intensity & percentage of diseased onion bulbs because of no significant differences.

Too few onions to perform evaluation