

# Northern Colorado Onion Variety Trials

Colorado State University Extension in Adams County November 14, 2014  
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## Sakata Farms (Brighton Location) Harvest Report - 2014

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

Seed Company:	Name	Color	Percent of Harvest Yield					Defects	Market Yield
			Harvest Yield	Colossal	Jumbo	Medium	Pre pack		
<u>AMERICAN TAKII</u>	Trail Blazer	Y	4	0	0	23	69	8	1
	Grand Perfection	Y	9	0	5	71	12	11	7
	T-866	Y	7	0	4	57	21	18	5
<u>BEJO SEEDS INC</u>	Calibra	Y	5	0	6	32	25	36	2
	Crockett	Y	9	0	1	60	32	8	6
	Delgado	Y	7	0	15	42	10	32	4
	Gunnison	Y	2	0	0	36	39	26	1
	Hamilton	Y	7	0	4	51	29	16	5
	Legend	Y	6	0	9	52	9	30	4
	Sedona	Y	9	0	1	65	23	11	6
<u>NUNHEMS UDA INC</u>	Acero	Y	4	0	1	46	30	23	2
	Anillo	Y	2	0	5	33	35	27	1
	Cometa I	W	6	0	6	58	27	9	4
	Joaquin	Y	8	0	14	63	10	13	6
	Montero	Y	3	0	0	52	28	20	2
	Ranchero	Y	9	0	9	60	23	7	6
	Vaquero	Y	8	0	1	59	30	9	5
	Oloroso	Y	6	0	10	54	24	13	4
<u>SAKATA SEED AMERICA</u>	Spanish Medallion	Y	6	0	2	59	34	4	3
	Ovation	Y	12	3	14	65	12	6	10
<u>SEMINIS</u>	Swale	Y	6	0	8	64	12	16	5
	SV6672NW	Y	5	0	6	35	30	29	2
	XP07716000	Y	3	0	0	37	33	30	1
	SV6646NW	Y	8	0	19	50	11	20	6
	SV4058NU	W	2	0	6	42	27	25	1
<u>CROOKHAM COMPANY</u>	Avalon	Y	8	0	10	64	22	4	6
	Scout	Y	10	0	9	63	11	17	7
	Pontiac	Y	3	0	0	24	63	13	1
	Esteem	Y	4	0	0	50	34	16	2
	Oracle	Y	10	0	10	67	17	7	8
	Trigger	Y	6	0	5	61	28	6	4
	Purple Haze	R	3	0	0	33	46	21	1
<u>HAZERA</u>	Maverick	Y	2	0	0	18	36	46	0.3
	Frontino	Y	1	0	0	37	39	25	0.6
	Cruiser	Y	4	0	1	44	44	11	2
<u>DP SEEDS</u>	Diamond Swan	W	9	0	27	55	10	9	7
	Sugar Loaf	W	4	0	0	28	48	25	1
	Cherry Mountain	R	6	0	5	63	23	10	4
	Saffron	Y	6	0	5	48	28	19	4
<u>BARTOLO</u>	Cometa II	W	5	0	0	70	19	11	4
	Redwing I	R	5	0	0	66	20	14	4
	Redwing II	R	2	0	0	41	35	24	1
Averages for all varieties:			5.7	0.1	4.2	50.0	27.6	17.3	3.7

Critical Value for Comparison of Colossal 3.3403, Jumbo 19.084, Medium 44.457, PrePacks 46.218, Defects 33.665

Critical Value for Comparison of Harvest Yield 6.6733 and Market Yield 6.1329

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## Sakata Farms (Hudson Location) Harvest Report - 2014

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

Seed Company:	Name	Color	Percent of Harvest Yield						Market Yield
			Harvest Yield	Colossal	Jumbo	Medium	Pre pack	Defects	
<b><u>AMERICAN TAKII</u></b>	Trail Blazer	Y	14	0	3	43	51	3	9
	Grand Perfection	Y	29	3	49	28	10	9	26
	T-866	Y	31	7	47	28	13	5	29
<b><u>BEJO SEEDS INC</u></b>	Calibra	Y	25	1	35	39	20	5	22
	Crockett	Y	22	0	33	40	15	13	18
	Delgado	Y	31	4	51	29	11	5	27
	Gunnison	Y	21	0	25	57	14	4	19
	Hamilton	Y	22	1	43	24	6	25	18
	Legend	Y	29	3	39	31	18	10	25
	Sedona	Y	26	0	43	30	14	13	23
<b><u>NUNHEMS UDA INC</u></b>	Acero	Y	27	0	42	38	15	5	25
	Anillo	Y	35	1	24	43	29	3	32
	Cometa I	W	31	2	45	36	5	12	28
	Joaquin	Y	31	0	44	37	15	3	29
	Montero	Y	25	0	35	44	18	3	23
	Ranchero	Y	35	7	43	31	14	4	32
	Vaquero	Y	26	0	33	44	13	10	23
	Oloroso	Y	25	1	28	44	25	2	22
<b><u>SAKATA SEED AMERICA</u></b>	Spanish Medallion	Y	20	4	25	36	29	5	18
	Ovation	Y	20	1	22	44	32	1	17
<b><u>SEMINIS</u></b>	Swale	Y	28	3	42	32	19	4	26
	SV6672NW	Y	25	1	30	50	17	3	22
	XP07716000	Y	33	3	40	38	12	7	30
	SV6646NW	Y	28	4	48	34	9	5	27
	SV4058NU	W	32	4	43	33	12	8	29
<b><u>CROOKHAM COMPANY.</u></b>	Avalon	Y	25	3	23	45	23	7	21
	Scout	Y	22	0	28	44	23	4	19
	Pontiac	Y	24	0	30	45	18	7	22
	Esteem	Y	21	2	32	44	17	6	19
	Oracle	Y	26	3	41	32	9	15	23
	Trigger	Y	26	2	38	33	16	11	23
	Purple Haze	R	19	0	22	37	18	23	14
<b><u>HAZERA</u></b>	Maverick	Y	29	5	39	36	15	5	27
	Frontino	Y	13	36	18	0	0	46	7
	Cruiser	Y	19	1	8	46	43	2	15
<b><u>DP SEEDS</u></b>	Diamond Swan	W	20	40	39	8	2	12	18
	Sugar Loaf	W	8	0	12	22	19	47	3
	Cherry Mountain	R	13	0	30	20	8	41	9
	Saffron	Y	23	3	30	23	9	35	12
<b><u>BARTOLO</u></b>	Cometa II	W	29	1	45	34	8	12	26
	Redwing I	R	20	1	38	38	11	11	18
	Redwing II	R	18	1	17	35	23	24	12
<b>Averages for all varieties:</b>			24.4	3.5	33.4	35.1	16.6	11.3	21.1

**Critical Value for Comparison of Colossal 11.977, Jumbo 30.104, Medium 24.981, PrePack 21.839, Defects 26.248**  
**Critical Value for Comparison of Harvest Yield 12.921 and Market Yield 13.208**