

Northern Colorado Onion Variety Trials

Colorado State University Extension in Adams County October 15, 2015
 9755 Henderson Road, Brighton, CO. 80601-8114
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Sakata Farms (Zalss Location) Harvest Report - 2015

Yields are average tons per acre - Planted: March 23 - Harvested: September 14, 2015

Seed Company:	#	Variety Name	Color	Percent of Harvest Yield						Market Yield
				Harvest Yield	Colossal	Jumbo	Medium	Pre pack	Defects	
<u>AMERICAN TAKII</u>	1	Grand Perfection	Y	24	0	22.5	50.5	13.6	13.4	19.1
<u>BEJO SEEDS INC</u>	2	Calibra	Y	20.3	0	12.7	57.8	25.5	4.1	15.6
	3	Crockett	Y	23.8	0	9.1	63.5	19.4	8.1	17.6
	4	Gunnison	Y	20.6	0	17	68.2	13.3	1.5	18.7
	5	Hamilton	Y	24.1	0	7.1	73.4	14.9	4.7	19.1
	6	Legend	Y	26.9	0	12.1	60	16.8	11	18.7
	7	Sedona	Y	23	0	8.8	53.4	18.7	19.1	15.8
<u>CROOKHAM COMPANY</u>	8	Morpheus	Y	25.8	0	17.3	64.2	10.3	8.2	21.5
	9	Avalon	Y	22.3	0	24.4	50.3	19.8	5.5	17.8
	10	Scout	Y	20.2	0	8.6	72.5	14.6	4.3	16.9
	11	Red Beret	Y	16.9	0	1.4	57.8	25.6	15.3	11.3
	12	White Cloud	W	28.6	0	15.4	72.9	9.6	2.1	24
<u>HAZERA</u>	13	Cruiser	Y	12.6	0	3.6	70.2	24.4	1.8	11.2
<u>SAKATA SEED AMERICA</u>	14	Great Western	Y	21.6	0	8.9	63.6	16.8	10.7	16.2
	15	Lasso	Y	28.7	1	27.5	58.5	0.8	12.2	24.9
	16	Dulce Reina	Y	30.4	0	32.4	56.4	4.3	6.9	25.3
<u>SEMINIS</u>	17	Swale	Y	26.3	0	15.6	70.3	9.2	4.9	22.2
	18	SV6672NW	Y	29.9	0	19.1	75.2	5	0.7	25.9
	19	SV4643NT	R	22.3	0	3.6	65.1	24	7.3	15.5
	20	XP07716000	Y	29.6	0	25.7	56.9	11.4	6	23.2
	21	SV4058NU	W	32	0.63	19.9	56.5	13.6	9.3	24.3
	22	SV6646NW	Y	28.6	0	13.1	75.1	7	4.8	23.8
<u>NUNHEMS USA, INC.</u>	23	Anillo	Y	26.4	0	5	75.4	16	3.6	19.9
	24	Granero	Y	25.1	0	11.5	73.6	12.3	2.5	20.6
	25	Joaquin	Y	32.4	0	19.4	60.1	15.6	5	25.2
	26	Montero	Y	23.4	0	8.4	70.9	18	2.8	18.5
	27	Oloroso	Y	23.7	0	6.2	63.6	24.8	5.4	17
	28	Cometa	W	31.8	0	23.2	66.4	3.7	6.8	25.3
	29	Arcero	Y	30.5	0.86	24.9	62.6	4.3	7.3	26
	30	Vaquero	Y	30.9	0	18.2	63.3	10.2	8.2	23.6
Averages for all varieties:				25.4	0.1	14.8	64.3	14.1	6.8	20.2

Critical Value for Comparison of Colossal 1.46, Jumbo 23.074, Medium 33.575, PrePacks 24.373, Defects 15.68

Critical Value for Comparison of Harvest Yield 14.243 and Market Yield 11.028

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Sakata Farms (Howard Location) Harvest Report - 2015

Yields are average tons per acre - Planted: March 31 - Harvested: September 10, 2015

Seed Company:	#	Variety Name	Color	Percent of Harvest Yield						Market Yield
				Harvest Yield	Colossal	Jumbo	Medium	Pre pack	Defects	
<u>AMERICAN TAKII</u>	1	Grand Perfection	Y	37	0	28.8	60.6	10.5	0	34.2
<u>BEJO SEEDS INC</u>	2	Calibra	Y	27.2	0	17.2	64.8	13.9	4.2	24.5
	3	Crockett	Y	24	0	10.8	69.3	17.6	2.4	21.6
	4	Gunnison	Y	33.6	0	28.7	63.3	6.4	1.7	30.7
	5	Hamilton	Y	27.2	0	11.1	75	11.2	2.8	25.7
	6	Legend	Y	27.2	0	14.6	70.4	9.9	5.2	24.9
	7	Sedona	Y	26.9	0	31.7	52.3	7.3	8.7	24.8
<u>CROOKHAM COMPANY</u>	8	Morpheus	Y	31.1	0	26.7	62.4	7.5	3.4	29.5
	9	Avalon	Y	31.5	0	23.7	65.7	9.4	1.2	29.5
	10	Scout	Y	29.5	0	14.5	75.5	8.9	1	26.5
	11	Red Beret	Y	17.6	0	3.8	53.1	24.8	18.3	12.5
	12	White Cloud	W	26.2	0	15.7	66.7	17	0.6	24.3
<u>HAZERA</u>	13	Cruiser	Y	22.8	0	2.9	70.8	25.4	0.9	19.6
<u>SAKATA SEED AMERICA</u>	14	Great Western	Y	20	0	20.9	60.5	18.1	0.5	18.5
	15	Lasso	Y	27.2	1.4	26.2	57.3	9.4	5.6	25.8
	16	Dulce Reina	Y	26	0	22.2	62.1	6.5	9.3	23.9
<u>SEMINIS</u>	17	Swale	Y	25.4	0	11.7	69.9	15.8	2.6	23.7
	18	SV6672NW	Y	24.4	0.5	8.8	75.5	15.2	0	22.8
	19	SV4643NT	R	20.5	0	9	64	22.5	4.5	17.8
	20	XP07716000	Y	31.3	0	24.9	60.1	14.6	0.4	29.7
	21	SV4058NU	W	37.4	0.4	33.5	53.4	11.4	1.4	34.5
	22	SV6646NW	Y	26.4	0	12.2	72.1	13.6	2.2	24.7
<u>NUNHEMS USA, INC.</u>	23	Anillo	Y	27.1	0	16.3	70.1	11.1	2.5	25.8
	24	Granero	Y	29.3	0	12.4	74.7	12.5	0.4	27.4
	25	Joaquin	Y	29.5	0	22.4	65.5	11	1.1	28.5
	26	Montero	Y	29.9	0.6	30.5	59.9	5.7	3.3	29.1
	27	Oloroso	Y	27.2	0	14.5	72.8	12.8	0	26.2
	28	Cometa	W	30.1	0	16.2	75.5	5.7	2.6	28.5
	29	Arcero	Y	28.3	0	12.8	73.8	12	1.4	26.4
	30	Vaquero	Y	23.6	0	21.1	64.8	11.7	2.4	22.6

Averages for all varieties: Harvest Yield 27.5 Colossal 0.1 Jumbo 18.2 Medium 66.1 PrePacks 12.6 Defects 3.0 Market Yield 25.5

Critical Value for Comparison of Colossal 1.69, Jumbo 30.654, Medium 27.234, PrePacks 15.926, Defects 10.047

Critical Value for Comparison of Harvest Yield 14.954 and Market Yield 13.996