

TABLE # 3

Northern Colorado Onion Variety Trials

Colorado State University Extension in Adams County January 19, 2018
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Sakata Farms (Ewing) Storage Report - 2017-2018

Yields are average tons per acre - Planted: March 13 - Harvested: August 28 - Processed: August 29, 2017 - Storage: January 10, 2018

Sprinkler Irrigated

Seed Company:	#	Variety Name	Color	Tons Per Acre			Firmness 1 to 5 Scale	Scale Retention 1 to 5 Scale	Red Intensity 1 to 5 Scale	% Bulb Disease
				Harvest Yield	Market Yield	Storage Yield				
<u>BAYER - NUNHEMS</u>	1	Anillo	Y	20.8	19.5	17.7	3.75	3.75		0
	2	Arcero	Y	24.7	24.5	24.2	3.25	3		0
	3	Granero	Y	24.8	24.5	22.2	3.75	3.5		0
	4	Vaquero	Y	24.5	24.2	22.4	3	2.5		0
	5	Oloroso	Y	21.5	21.1	19.1	3.5	4		5
	6	Montero	Y	18.5	18.1	16.3	2.75	2.5		0
35	Joaquin	Y	29.1	29	28.4	4	3.75		5	
<u>SAKATA SEED AMERICA</u>	7	Yosemite	Y	19.1	18.1	17.2	3	2		0
	8	Aruba	Y	21.3	21.2	20.7	3	2		0
	9	Lasso	Y	20.5	19.8	18.8	3	2.75		15
	10	Dulce Reina	Y	21.7	21.1	18.8	3	2.25		0
	11	Yukon	Y	23.9	23.9	21.2	3.25	2.25		10
<u>ENZA ZADEN</u>	12	E61L.10058	R	11.4	10.7	9.6	2.5	2	3.5	0
	13	E61L10043	Y	20.4	20.1	19.3	4	3		0
	14	Caoba	Y	18.8	18.5	16.6	4.25	3.75		0
	15	Monastrell	R	11.9	11.3	10.4	2.75	2	4	0
<u>AMERICAN TAKII</u>	16	Ridge Line	Y	17.4	17.2	14.9	3.25	2.25		5
	17	Grand Perfection	Y	19.9	19.6	17.4	3	2.5		0
<u>GERMAINS</u>	18	Yukon Maxi Tr	Y	22.9	22.7	22.3	3	2.25		15
	19	Yukon Rate 1	Y	21.6	21.5	18.9	2.5	2		0
	20	Yukon Rate 2	Y	23.7	23.4	20.8	2.75	2.5		10
	21	Yukon Rate 3	Y	24.4	24.1	22.6	3	2.25		10
	22	Yukon GEX-NP	Y	21.6	21.5	18.9	3.25	2.5		5
	23	Yukon Maxi 1500	Y	22.9	22.8	20.2	3.25	2.25		0
<u>HAZERA</u>	24	Rhino	Y	18.2	17.8	14.1	3.25	2.75		5
<u>DP SEED</u>	25	Saffron	Y	13.1	10.6	9.9	2.75	2.75		0
	26	Diamond Swan	W	21.7	20.7	12.9	2.75	2.5		0
	27	Cherry Mountain	R	10	6.9	5.6	2.75	2.75	3.5	0
<u>BEJO</u>	28	Calibra	Y	16.2	16.1	14.4	3.75	3.5		5
	29	Crockett	Y	21.4	21.2	19.5	3.75	3.25		0
	30	Dawson	Y	18	17	16.6	4	3.25		0
	31	Delgado	Y	23.1	23	21.6	4	3.5		5
	32	Hamilton	Y	24.4	24	22.8	4	3.5		0
	33	Legend	Y	17.7	17.5	17.2	3.75	3.5		0
	34	Red Carpet	R	7.8	5.8	5.6	2.5	2.25	3	0
	36	Sedona	Y	23.6	23.4	22.2	4	3.5		5
	Averages for all varieties:				20.1	19.5	17.8	3.3	2.8	3.5

Critical Value for Comparison of Storage Yield 7.5107; Firmness 1.3951; Scale 1.6124; Red Intensity 1.3776 ; Disease 22.02

Critical Value for Comparison of Harvest Yield 6.6711 and Market Yield 7.1975