

TABLE # 2

Northern Colorado Onion Variety Trials

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COLORADO STATE UNIVERSITY
EXTENSION

Sakata Farms Harvest Report - 2019

Yields are average tons per acre - Planted: April 10; Harvested: September 19; Processed: September 20, 2019

Sprinkler Irrigated

Seed Company:	Trt #	Variety Name	Color	Total		Percent of Harvest Yield					Percent Doubles	Percent Bulb Disease	Market Yield
				Yield	Colossal	Jumbo	Medium	Pre pack	Defects				
Hazera Seeds	1	Rhino	Y	17.8	0	22.9	32	29.5	15.6	0	0	14.3	
Crookham Seed Co	2	Scout	Y	18.5	3.6	30.8	49.9	13.9	1.8	5	0	17.7	
	3	Purple Haze	R	5.3	0	2.6	15.9	47.9	33.5	5	0	2.3	
	4	Caldwell	Y	17.8	3.8	38.9	36.2	17.1	4	0	0	16.6	
	5	Trident	Y	11	0	15.3	45.3	24.9	14.6	5	0	9.8	
	6	Oracle	Y	20.3	1.9	39.5	34.6	15.4	8.6	0	0	19.1	
Enza Zaden	7	Scorpin	Y	14	0	21.6	47.9	20.9	9.7	0	0	12.5	
	8	Monastrell	R	5.4	0	1.1	34.6	56.1	8.1	20	0	3.5	
DP Seed	9	Elsye	Y	17.3	2.4	18.4	48.6	30.6	0	5	0	15.6	
	10	Diamond Swan	W	17.8	1.9	12.5	45.8	30.9	8.8	20	0	15.8	
	11	Cherry Mountain	R	1.7	0	0	0	44.3	55.7	0	0	0	
Takii	12	Saffron	Y	10.6	0	9	18.3	51.1	21.6	25	0	6.7	
	13	DPLD-19-39	Y	20.2	0	14.7	40.4	36.1	19.6	0	0	16	
	14	Ridge Line	Y	10.5	0	15	53.8	25.1	6.1	30	0	9.6	
Numhems	15	Traverse	Y	9.9	0	11	51.5	32.4	5	5	0	8.5	
	16	Grand Perfection	Y	21.7	2.5	37.7	39.7	16.6	3.5	0	0	20.5	
	17	Valero	Y	16.5	0	25.9	40.2	29.9	4	5	0	14.5	
	18	Arcero	Y	17.9	0.8	36.6	42.4	14.3	6	0	0	17	
	19	Olorosa	Y	17.8	0	34.3	43.1	20.9	1.7	0	0	16.3	
Seminis	20	Granero	Y	21.9	8	42.9	29.9	15.2	4	10	0	21.3	
	21	Joaquin	Y	20	2.2	41	46.2	5	5.6	5	0	19.9	
	22	Montero	Y	15	0	22.6	48.3	22.6	6.6	0	0	13.2	
	23	Airoso	Y	13.6	0	27.4	33.9	27.9	10.8	15	5	12.2	
	24	Marengo	R	6.2	0	8.7	20.6	52.1	18.6	0	0	3.9	
	25	Vaquero	Y	26.4	0	47.8	39.4	10.3	2.5	10	0	25.7	
	26	Tuccnon	Y	21.8	7.2	45.3	35.4	9	3.3	15	0	21.3	
Bejo	27	Red Nugent	R	5.4	0	3	24.9	97.4	34.6	15	0	2.9	
	28	SV4643NT	R	3.6	0	0	15.6	40.2	44.2	10	0	1.2	
	29	16000	Y	21.8	1	47	38.5	10.1	3.4	0	0	21	
	30	SV6672NW	Y	20.1	3	32.9	49.3	10.3	4.4	10	0	19.6	
	31	Red Mountain	R	3	0	0	16.6	47.3	36.1	5	0	1.2	
Bejo	32	Gunnison	Y	10	0	7.2	37.3	36.2	19.3	5	0	7.3	
	33	Delgado	Y	17.2	1	26.9	46.5	20.6	5	5	0	15.7	
	34	Legend	Y	17.9	2.4	34.2	37.1	23.5	2.8	10	0	16.3	
	35	Mondella	Y	15.4	2.5	34.7	29.4	20.1	13.3	5	0	14	
	36	Sedona	Y	20.2	0.8	31.8	42.6	19.9	4.9	15	0	18.6	
	37	Bride White	W	15.4	0	35.8	16.2	17.2	0.8	10	0	14.7	
	38	Hamilton	Y	20.6	0	47	39.3	10.9	2.8	0	5	20	
	39	Crockett	Y	15.5	1	26.3	30	30.7	11.9	10	0	13.5	

Averages for all varieties: 14.96 1.20 24.40 36.60 26.30 11.90 7.20 0.30 13.30
Critical Values for Comparison 10.80 6.51 33.71 37.06 18.21 29.60 30.55 6.40 11.25

Data was Analyzied using Tukey HSD All-Pairwise Comparisons Test

