

TABLE # 3

Northern Colorado Onion Variety Trials

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COLORADO STATE UNIVERSITY
EXTENSION

Sakata Farms Storage Report - 2019-2020

Yields are average tons per acre - Planted: April 10; Harvested: September 19; Processed: September 20, 2019 - Storage January 17, 2020

Sprinkler Irrigated

Seed Company:

Trt #	Variety Name	Color	Total Yield	Tons per Acre			Firmness	Scale Retention	Red Intensity	% Bulb Disease
				Market Yield	Storage Yield					
1	Rhino	Y	17.8	14.3	12.9		2.5	2		0
Crookham Seed Co										
2	Scout	Y	18.5	17.7	16.4		2.3	1.3		0
3	Purple Haze	R	5.3	2.3	na		3	3	4	na
4	Caldwell	Y	17.8	16.6	16.2		2.3	2.5		5
5	Trident	Y	11	9.8	9.8		2.3	2.3		5
6	Oracle	Y	20.3	19.1	17.8		2.5	2.8		5
7	Scorpin	Y	14	12.5	11.6		2.8	2.8		0
Enza Zaden										
8	Monastrell	R	5.4	3.5	na		2.8	2.8	3.5	na
9	Elsye	Y	17.3	15.6	14.4		1.3	0.5		0
DP Seed										
10	Diamond Swan	W	17.8	15.8	15		2.5	2		0
11	Cherry Mountain	R	1.7	0	na		na	na	na	na
12	Saffron	Y	10.6	6.7	4.9		1.8	2		0
13	DPLD-19-39	Y	20.2	16	14.9		2.8	1.8		0
Takii										
14	Ridge Line	Y	10.5	9.6	9.2		3	2.8		0
15	Traverse	Y	9.9	8.5	8.1		2.8	2.5		0
16	Grand Perfection	Y	21.7	20.5	19.2		3	2.3		0
Numhems										
17	Valero	Y	16.5	14.5	14.4		3.3	3.3		5
18	Arcero	Y	17.9	17	16.8		2.8	2.8		12.5
19	Olorosa	Y	17.8	16.3	15.4		3	3.5		5
20	Granero	Y	21.9	21.3	21.3		4	3.25		0
21	Joaquin	Y	20	19.9	19.5		3.3	3		5
22	Montero	Y	15	13.2	12.1		2.8	2.5		0
23	Airoso	Y	13.6	12.2	11.7		3.3	3		0
24	Marengo	R	6.2	3.9	na		3.5	3	3.5	na
25	Vaquero	Y	26.4	25.7	25.7		3.5	3		0
Seminis										
26	Tuccnon	Y	21.8	21.3	20.9		2.8	3		0
27	Red Nugent	R	5.4	2.9	na		2.8	2.8	3	na
28	SV4643NT	R	3.6	1.2	na		na	na		na
29	16000	Y	21.8	21	19.3		2	1.8		0
30	SV6672NW	Y	20.1	19.6	18		3	2.3		5
31	Red Mountain	R	3	1.2	na		3	3	3	na
Bejo										
32	Gunnison	Y	10	7.3	6.2		2.8	2.5		0
33	Delgado	Y	17.2	15.7	15.1		3.3	3.8		5
34	Legend	Y	17.9	16.3	15.2		3.3	3.3		0
35	Mondella	Y	15.4	14	12.6		2.8	2.3		10
36	Sedona	Y	20.2	18.6	18		3	2.5		10
37	Bride White	W	15.4	14.7	14.3		3.3	2.8		0
38	Hamilton	Y	20.6	20	20		3.3	3		0
39	Crockett	Y	15.5	13.5	12.2		3	3.3		0

Averages for all varieties:

14.96 13.30 14.98 2.85 2.63 3.40 2.26

Critical Values for Comparison

10.800 11.250 10.940 1.410 1.930 0.824 20.210

Data was Analyzed using Tukey HSD All-Pairwise Comparisons Test

