

Irrigated Onion Variety Trial	WREC - Nesson Valley 2016
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Variety	Seed Source	Days to Maturity*	2014 Yield	2015 Yield	2016 Yield	3 Year Average	<2 <sup>1</sup> /4"	2 <sup>1</sup> /4 - 3"	3 - 4"	Culls	Single Center	Total
			----- cwt/A -----				Average Number Bulbs/Plot Row			---- % ----		--Bulb/A--
Crockett	Bejo	118	980	657	1047	895	8	23	12	17	70	220610
Sedona	Bejo	118	743	579	1345	889	6	22	16	5	80	213130
Delgado	Bejo	115	560	685	1166	804	5	19	20	6	40	193521
Hamilton	Bejo	118	694	713	902	769	5	19	13	12	63	177760
Calibra	Bejo	115	440	556	1203	733	7	12	14	10	30	206836
Trailblazer	Takii	100	213	334	518	355	10	16	5	8	17	155127
Grand Perfection	Takii	125+	-----	-----	1231	-----	3	15	23	7	77	190241
Traverse	Takii	105	-----	-----	976	-----	2	16	19	8	30	183229
Gunnison	Bejo	110	703	-----	951	-----	2	13	16	4	27	172728
Centerstone	Takii	110-115	-----	-----	883	-----	1	12	17	5	53	146869
Milestone	Takii	105-110	-----	-----	772	-----	0	11	15	4	20	124117
Mean			619	587	1000	741	4	16	15	8	46	180379
C.V. (%)			-----	-----	16.3	-----	76.7	45.4	48.4	38.0	32.0	12.8
LSD (P= 0 .1)			-----	-----	229.7	-----	4.8	10.4	10.4	4.3	20.8	32581

**Planted:** 4/21/2016

**Harvested:** 8/29/2016

Soil: Lihen fine sandy loam soil; pH=7.7; 3.2 O.M.; 23 lb. N; 33 ppm P and 369 ppm K.

Planting: 5 row cone seeder at 7 ½" spacing. The three center rows of each plot was thinned to 3-4" between bulbs.

Fertilizer: 197 lbs of 46-0-0 applied 4/1/2016

Weed/Pest Control: All seed pelleted with differing formulations of insecticide and fungicide per seed company.

Section 2EC 6 oz/A on June 6th; Moxy 1.5 pt/A on June 8th; and Prowl H<sub>2</sub>O 2pt/A on June 27th. Hand weeded as needed.

Rainfall: 8.47" from April 21st to August 29th 2016.

Irrigation: 11.35" from May 17th to August 24th 2016.

Harvest: The center row was hand harvested from each plot August 29th, weighed and counted in the field. Onions were graded in the lab on September

6th & 7th and shown as Average Number Bulbs/Plot Row. The thinned adjacent rows were harvested by hand, weighed and counted to

calculate total plot weights, cwts, bulb count, bulbs per acre

\* Days to Maturity reported from seed company.