

2008 Columbia Basin Onion Cultivar Demonstration Results

Seed Company and Cultivar	Usable Yields tons/acres	Colossal over 4"	Jumbo 3-4"	Medium 2 ¼ -3"	Pre-Pack under 2 ¼"	Culls	Top Down Rating 8/11	Top Down Rating 8/19
<u>American Takii</u>								
Centerstone	40.6	0	45	50	5	1	5	58
Frontier	32.0	0	28	68	4	0	60	98
Milestone	40.4	0	32	63	5	0	7	90
Ruby Ring (R)	31.5	0	11	77	12	0	3	80
T-433	41.8	1	40	52	8	0	2	20
<u>Bejo Seeds</u>								
Calibra	41.9	0	31	60	9	0	50	97
Crockett	44.6	0	34	62	3	0	5	90
Delgado	44.0	0	37	57	6	0	8	97
Gunnison	41.5	0	29	63	8	0	48	97
Legend	41.7	0	44	48	8	0	5	97
Red Bull (R)	34.0	0	34	58	7	1	10	80
Redwing (R)	36.6	0	17	75	8	0	2	58
Sedona	48.5	0	39	58	4	0	2	83
Talon	37.1	0	35	61	4	0	20	97
Tamara	33.8	0	33	63	4	0	47	93
<u>Crookham Co.</u>								
OLYX05-26	39.3	0	38	56	6	0	12	95
OLYS03-207	41.2	0	43	55	2	0	2	78
OLYS03-209	44.4	0	44	52	4	0	3	93
OLYS05-N5	38.4	0	45	45	10	0	5	47
White Cloud (W)	48.7	0	49	44	8	0	8	90
<u>D.Palmer Seed</u>								
Evolution	49.9	1	60	36	4	0	2	67
Generation X	44.7	0	59	39	1	0	3	73
Mesquite	43.0	0	33	56	10	2	5	77
Tequila	45.3	1	58	34	7	1	3	80
<u>Nickerson-Zwaan</u>								
Ringleader	37.9	0	49	47	5	0	8	95

Seed Company and Cultivar	Usable Yields tons/acres	Colossal over 4"	Jumbo 3-4"	Medium 2 ¼ -3"	Pre-Pack under 2 ¼"	Culls	Top Down Rating 8/11	Top Down Rating 8/19
<u>Nippon Norin</u>								
RE-E	41.6	1	52	47	1	0	7	37
<u>Nunhems</u>								
Arcero	48.3	0	67	30	3	0	7	95
Granero	47.8	0	51	48	1	0	2	95
Joaquin	40.2	0	43	51	6	0	3	83
Montero	46.8	0	56	41	2	0	53	100
Pandero	39.4	0	48	50	3	1	2	83
Pulsar	40.8	0	51	47	3	0	97	100
Ranchero	46.1	1	51	44	5	0	3	85
Sabrosa	47.5	0	51	46	3	0	3	62
Salsa (R)	46.3	0	57	41	3	0	2	65
Vaquero	47.4	1	51	46	3	0	2	82
<u>Sakata Seed</u>								
XON 550	44.4	0	56	38	6	0	5	70
XON 670W (W)	43.4	0	48	41	12	0	10	82
<u>Seminis Seeds</u>								
Abilene	40.4	1	46	50	4	0	37	92
Affirmed	48.4	0	54	44	2	0	3	90
Caveat	43.9	1	50	44	5	1	13	93
Cyprus	37.8	0	17	73	10	0	47	100
Jerycho	41.4	0	34	58	8	0	78	100
Monarchos	55.1	2	63	32	4	0	2	93
Marquette	42.4	0	41	50	8	0	80	100
Orizaba (W)	47.8	0	41	55	4	0	12	98
Rainer (W)	41.3	0	30	65	6	0	8	97
<u>Averages</u>	42.6	0.14	43	51	5	0.20	17	84

(R)-Red onion, (W)-White onion

Bulb Size and defects are expressed as a percentage of the total bulbs harvested from each plot averaged over the three replicates. Top Down Ratings are expressed as a percentage of the tops estimated to have fallen at the date for the two readings.

The plots were planted on March 28, 2008 with a Stanhay belt planter on 34 inch beds and 4 inch seed spacing. The center pivot irrigated field was owned and farmed by Carr Farms and was located on the Pasco-Kahlotus Highway east of Pasco, WA. The surrounding cultivar was Crocket, and plots were 34” by 30 feet with 5 foot buffer. Plots were lifted on September 9, 2008 and harvested on September 15, 2008.

Data is expressed as an average of three replications.

Participating Companies:

American Takii- 301 Natividad Rd, Salinas, CA 93906
Bejo Seeds-1972 Silver Spur Place, Oceano, CA 93445
Crookham Co.-PO Box 520, Caldwell, ID 83606.
Palmer Seed-8269 S Highway 95, Yuma, AZ 85365
Nickerson-Zwaan-2551 North Dragoon Suite 131 TUCSON AZ 85745
Nippon Norin-3219 Mariner Lane, Longmont, CO 90503
Nunhems USA-8850 59th Ave. NE, Brooks, OR 97305
Sakata Seed-New Mexico Station, PO Drawer F, Messilla, NM 88046
Seminis Vegetable Seeds-32537 Apple Valley Rd, Parma, ID 83660

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Casey Crookham, *Scottseed*
Ron Hull, *Osborne Seed*
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