

## 2009 Columbia Basin Onion Cultivar Demonstration Results

Seed Company and Cultivar	Usable Yields tons/acre	Pre-pack %	Medium %	Jumbo %	Colossal %	Culls %	Top Down Rating 8/11	Top Down Rating 8/18	Top Down Rating 8/25
<b><u>American Takii</u></b>									
Frontier	43.3	1.8	41.9	56.3	0	0	90	95	100
Milestone (T-441)	49.5	3.1	31.6	65.3	0	0	71.7	88.3	96.7
Ruby Ring (R)	44.1	1.5	26.8	71.7	0	0	35	68.3	91.7
T-433	57.2	1.7	5.7	60.6	32.1	2.7	15	25	53.3
<b><u>Bejo Seeds</u></b>									
Calibra	49.0	2.6	28.7	67.4	1.3	0.3	58.3	76.7	91.7
Crockett	54.1	0.0	26.9	71.1	2.0	0.7	8.3	26.7	45
Delgado	57.0	0.0	19.1	71.7	9.2	0	51.7	66.7	83.3
Gunnison	49.6	1.3	31.5	67.2	0.0	0.3	76.7	93.3	100
Legend	55.9	0.6	15.3	80.5	3.6	0.3	33.3	63.3	83.3
Redwing (R)	51.4	3.3	29.8	66.9	0.0	0.3	10	16.7	45
Sedona	59.9	0.0	30.3	64.6	5.1	0.3	21.7	56.7	80
Talon	45.3	0.0	25.9	72.8	1.4	0	41.7	73.3	93.3
Tamara	48.3	7.0	30.2	62.8	0.0	1	13.3	58.3	86.7
<b><u>Crookham Co.</u></b>									
OLRH06-91 (R)	48.5	1.1	26.5	71.9	0.5	0.7	63.3	78.3	95
OLYS03-207	65.4	0.0	17.7	70.3	12.0	0	25	31.7	55
OLYS05-N5	62.2	0.0	21.8	65.8	12.4	0.7	10	18.3	41.7
OLYX00-23	56.5	6.6	22.6	64.3	6.6	1	71.7	80	91.7
OLYX01-214	46.7	3.8	43.4	52.9	0.0	0	80	86.7	98.3
OLYX05-26	41.4	6.8	41.4	50.4	1.4	0.7	36.7	56.7	83.3
White Cloud (W)	67.1	0.7	19.6	55.6	24.1	2.3	40	63.3	88.3
<b><u>Nippon Norin</u></b>									
NN65	66.9	0.0	24.5	68.4	7.1	0	11.7	28.3	78.3

Seed Company and Cultivar	Usable Yields tons/acre	Pre-pack %	Medium %	Jumbo %	Colossal %	Culls %	Top Down Rating 8/11	Top Down Rating 8/18	Top Down Rating 8/25
---------------------------	-------------------------	------------	----------	---------	------------	---------	----------------------	----------------------	----------------------

**Nunhems**

Arcero	56.7	0.0	20.3	78.5	1.2	0.7	43.3	60	88.3
Granero	58.7	0.0	21.7	59.0	19.4	0	40	60	85
Joaquin	56.1	1.9	7.4	62.1	28.6	0	8.3	16.7	33.3
Montero	57.4	0.8	9.8	76.7	12.8	0	88.3	98.3	100
NUN9002ON (R)	50.7	1.7	21.3	68.8	8.3	0	15	31.7	45
NUN9003ON (R)	50.4	0.6	23.4	73.2	2.8	1	23.3	70	88.3
Pulsar	50.0	1.7	29.1	69.2	0	0	98.3	100	100
Ranchero	63.8	0.7	20.2	64.6	14.5	0.7	60	85	93.3
Sabrosa	51.6	1.2	29.1	67.1	2.6	0	5	21.7	61.7
Salsa (R)	53.0	3.8	26.2	64.9	5.1	0	26.7	58.3	83.3
Vaquero	63.5	0.0	14.2	75.6	10.2	0	61.7	85	90

**Sakata**

Bello Blanco (W)	55.9	0.0	11.7	58.5	29.9	0.3	15	56.7	73.3
Ovation	74.5	0.6	9.8	59.8	29.8	0	76.7	83.3	96.7
Spanish Medallion	67.0	0.0	23.6	57.4	19.0	0	88.3	93.3	100

**Seminis**

Abilene	54.7	3.0	27.0	66.4	3.6	0	45	56.7	90
Cyprus	49.4	2.8	43.0	51.2	2.9	0	53.3	75	85
EX 16529	57.6	0.0	28.7	68.4	3.0	0	48.3	65	83.3
EX 18495	57.6	0.0	14.7	77.6	7.7	0	61.7	83.3	96.7
Marquette	51.5	2.4	28.2	66.0	3.4	0	78.3	91.7	98.3
Monarchos	65.9	0.0	15.0	71.8	13.2	1.7	48.3	75	91.7
Rainier (W)	56.2	1.7	29.0	68.2	1.1	0.7	58.3	81.7	96.7
Swale	67.1	1.1	15.9	74.7	8.3	0.3	73.3	85	95

**Averages**

	55.6	1.5	24.0	66.5	8.1	0.4	46.1	64.8	82.7
--	------	-----	------	------	-----	-----	------	------	------

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 three readings.

The plots were planted on March 26, 2009 with a Stanhay belt planter on 68 inch beds with four double rows per bed and 4 inch seed spacing. The center pivot irrigated field was owned and farmed by Lorin Grigg, Grigg Farms and was located on the NW corner of Rd. 6 NW and Rd. K NW SE of Quincy. The surrounding cultivar was Sedona. Plots were 34" by 30 feet with two double rows. Plots were separated with a 5 foot buffer. Plots were lifted on September 5, 2009 and harvested on September 15, 2009.

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.  
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

**Thanks for the assistance and Cooperation of:**

Lorin Grigg, Grigg Farms  
Dennis Atkinson, Marcel Wanders, and Collyn Larson, *Seminis Seeds*  
Brenda Schroeder, *WSU Pullman*  
Lindsey DuToit, *WSU Mount Vernon*  
Mike Derie, *WSU Mount Vernon*  
Tim Logan, *Logan Zenner Seed*  
Gus Ambosano, *Logan Zenner Seed*  
Aaron Trent, *Crookham Company*  
Ada Crowl, *Osborne Seed*  
Jose Avila, *Osborne Seed*  
Todd Clark, *Keithly Williams*  
Josh Carter, *Keithly Williams*  
Curtis Mokler, *Keithly Williams*

**Tim Waters**  
**Area Extension Educator**  
**Franklin & Benton Co.-Commercial Vegetables**

509 545-3511 Phone  
[twaters@wsu.edu](mailto:twaters@wsu.edu)

**Carrie Wohleb**  
**Area Extension Educator**  
**Grant & Adams Co.-Commercial**  
**Vegetables and Vegetable Seeds**  
509 754-2011 x. 413  
[cwohleb@wsu.edu](mailto:cwohleb@wsu.edu)

***WSU Extension programs and employment are available to all without discrimination. Evidence of noncompliance may be reported through your local Extension Office.***