

## 2006 COLUMBIA BASIN ONION CULTIVAR DEMONSTRATION RESULTS<sup>1</sup>

Seed Company & Cultivar <sup>2</sup>	Usable Yield (Tons/Acre)	Bulb Size (Diameter) and Defects (%) <sup>3</sup>				Defects	Maturity <sup>4</sup>		
		Over 4"	3 - 4"	2¼ - 3"	Under 2¼"				
<b><u>American Takii</u></b>									
9003 G	44.7	0	32	60	7	1	0,	0,	3
Ruby Ring (T817) ●	48.0	0	41	44	15	0	23,	47,	91
T-433	40.8	0	10	79	11	1	0,	0,	18
<b><u>Bejo Seeds</u></b>									
Calibra F1	48.8	0	37	49	13	0	2,	17,	77
Crockett F1	50.8	0	31	64	5	0	0,	0,	12
Gunnison F1	28.0	0	11	79	10	0	5,	30,	92
Red Bull F1 ●	46.9	0	16	61	23	0	0,	2,	25
Redwing ●	41.4	0	13	69	19	0	0,	0,	3
Safrane F1	41.5	0	27	67	6	0	3,	8,	63
Sedona F1	49.0	0	35	54	10	1	0,	0,	13
Talon F1	45.4	0	18	72	10	0	13,	33,	87
<b><u>Crookham Company</u></b>									
Harmony	52.1	0	42	48	10	0	0,	0,	12
Nobility	35.1	0	19	70	10	1	10,	30,	82
OLYS05N5	54.4	0	27	57	15	0	0,	0,	2

**Bulb Size (Diameter) and Defects (%)<sup>3</sup>**

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		4"	3 - 4"	2¼ - 3"	2¼"					
<b><u>Global Genetics</u></b>										
6093	45.5	0	26	58	16	0	0,	0,	8	
Maverick	51.1	0	36	54	9	1	2,	3,	12	
Ringleader (6011)	45.4	0	30	58	12	0	2,	2,	30	
Varsity	48.5	0	43	48	10	0	5,	13,	73	
<b><u>Nippon Norin</u></b>										
RE-E	38.0	0	31	62	7	0	0,	0,	30	
W-10	37.3	0	8	78	14	0	3,	10,	53	
<b><u>Nunhems</u></b>										
Flamenco ●	34.3	0	21	69	10	0	2,	5,	68	
Granero	45.1	0	38	55	8	0	0,	0,	10	
Montero	59.9	0	71	23	6	0	2,	7,	63	
NUN7004ON	43.0	0	47	46	8	0	0,	0,	20	
NUN7200ON	50.7	0	38	53	9	0	0,	0,	2	
Pandero	45.6	0	41	45	13	1	0,	0,	3	
Ranchero	47.1	1	49	42	7	1	0,	0,	20	
Sabroso	46.6	0	43	54	4	0	2,	2,	17	
Salsa ●	45.0	0	40	46	10	4	0,	0,	40	
Vaquero	51.7	0	45	46	9	0	0,	0,	13	
<b><u>Seminis Vegetable Seeds</u></b>										
Affirmed (EX 5813)	56.2	0	48	45	6	1	0,	2,	27	
Caveat (EX 8117)	47.4	0	27	60	13	0	8,	35,	82	
Charismatic (EX 5299)	49.1	0	30	47	23	0	0,	0,	5	
Citation (EX 7004)	50.0	0	34	57	8	1	18,	43,	87	
Damascus (EX 8112)	43.0	0	38	59	3	0	7,	28,	95	
EX 5819	56.1	0	44	46	10	0	0,	0,	8	
EX 7011	40.3	0	21	55	24	0	2,	8,	83	
EX 7106 ▲	48.8	0	32	54	14	1	0,	2,	20	

**Bulb Size (Diameter) and Defects (%)<sup>3</sup>**

Seed Company & Cultivar <sup>2</sup>	Usable Yield (Tons/Acre)	Over			Under		Defects	Maturity <sup>4</sup>		
		4"	3 - 4"	2¼ - 3"	2¼"					
<b>Seminis Vegetable Seeds, cont.</b>										
Golden Spike	63.3	0	50	34	15	1	13,	53,	95	
Grateful Red (EX 4552) ●	46.3	0	36	46	17	0	0,	2,	43	
Monarchos (EX 5843)	47.3	0	59	36	4	1	0,	0,	15	
Orizaba (EX 5646) ▲	52.1	0	30	64	6	1	0,	0,	43	
Red Zeppelin ●	44.3	0	12	71	17	0	13,	35,	80	
Tioga	52.1	0	51	42	8	0	3,	8,	67	
<b>Averages</b>	<b>46.8</b>	<b>.02</b>	<b>34</b>	<b>56</b>	<b>11</b>	<b>17</b>	<b>3,</b>	<b>10,</b>	<b>41</b>	

● = red onion                      ▲ = white onion

- Plots consisting of 2-double rows 30'-long on 25" beds were planted with coated seed on April 3, 2006 at an intended 4" spacing within rows, using a Stanhay belt planter. The field was drip irrigated, fertilized, cultivated, and maintained by Brian Anderson Farms throughout the season. The plots were lifted on August 22, and a 5' section of each plot was hand-harvested on August 29. All data are an average of 3 replications except yield data for Montero and 6093 are an average of 2 replications.
- American Takii Inc., 301 Natividad Rd, Salinas, CA 93906, 408.443.4901  
 Bejo Seed Co. PO Box 40607, Eugene, OR 97404, 541.953.2090  
 Crookham Company, PO Box 520, Caldwell, ID 83606, 208.459.7451  
 Global Genetics, 3424 Roberto Court, San Luis Obispo, CA 93401, 208.642.0301  
 Nippon Norin, 3219 Mariner Lane, Longmont, CO 80503, 303.772.0185  
 Nunhems, 908 Riverview Ave., Selah, WA 98942, 503.393.3243  
 Seminis Vegetable Seed, 425 N. Columbia Center Blvd., Kennewick, WA 99336, 509.374.2805
- Bulb size and defects are expressed as a percentage of total bulbs harvested. Defects include double or split bulbs, severely split skins, "bald", off-color or obviously rotten bulbs, and bulbs with seedstalks.
- Maturity is expressed as a visual estimate of the percentage of plants with "tops down" on July 28, August 3, and August 9, averaged over 3 replications at each date.

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