

**2012 COLUMBIA BASIN ONION CULTIVAR STORAGE DEMONSTRATION RESULTS**

<b>Seed Company &amp; Cultivar</b>	<b>Firmness (1)</b>	<b>Scale Retention (2)</b>	<b>Shape (3)</b>	<b>Neck Rot (%)</b>	<b>Bacterial Rot (%)</b>	<b>Single Centered Bulbs (%)</b>	<b>Sprouts (%)</b>
<b>American Takii</b>							
Centerstone	3.0	2.3	2.7	0.0	0.7	36	1.5
Milestone	3.0	4.0	3.7	2.0	0.7	33	8.0
Ruby Ring (R)	2.3	3.0	3.3	0.0	10.0	59	11.3
Trailblazer	3.0	2.7	3.7	0.0	0.0	25	7.3
Trekker	2.7	4.0	4.3	0.0	0.7	18	2.0
TTA-747 (Y-0903)	2.7	4.0	3.3	0.7	0.0	69	2.0
<b>Bejo Seeds</b>							
Calibra	2.7	3.7	3.7	1.3	2.0	27	0.7
Crockett	5.0	5.0	4.0	0.7	0.0	59	0.0
Delgado	3.7	4.7	4.7	0.0	0.0	34	0.0
Gunnison	4.0	3.7	4.3	0.7	0.0	54	0.0
Legend	4.0	5.0	3.3	0.0	0.7	24	0.7
Red Bull (R)	2.3	4.3	3.0	8.7	0.0	41	0.0
Redwing (R)	3.0	4.0	4.0	0.0	0.0	32	1.3
Talon	4.0	4.0	4.3	0.7	1.3	40	0.7
Tamara	3.7	4.0	4.0	0.0	2.1	32	0.0
<b>Crookham Co.</b>							
Advantage	2.7	3.3	3.7	2.0	0.0	79	0.0
Esteem	3.0	3.3	3.3	0.7	0.7	76	0.7
Morpheus	2.0	3.0	3.7	12.7	0.7	79	2.0
Pontiac	3.3	3.3	2.7	1.3	0.7	74	0.0
Red Beret (R)	2.7	3.0	2.3	2.7	0.0	61	8.7
Scorpion (01-214)	3.0	2.7	2.3	0.7	0.7	74	2.7
Scout	2.3	2.0	2.3	1.3	2.0	72	3.5
Trigger	3.3	4.7	3.3	0.0	0.0	81	0.0
<b>Hazera Seeds</b>							
Cruiser	3.0	3.7	4.0	2.0	0.7	66	0.7
NIZ 37-81	2.7	4.0	3.3	5.2	0.0	85	0.0
NIZ 37-85	2.7	3.0	4.0	0.0	0.0	71	1.3
Outlaw	3.3	3.3	2.7	2.0	0.7	67	2.7
Maverick	2.3	3.7	3.0	0.0	0.7	66	0.0
Ventura	3.0	3.7	3.3	0.7	0.0	72	1.3

<b>Seed Company &amp; Cultivar</b>	<b>Firmness (1)</b>	<b>Scale Retention (2)</b>	<b>Shape (3)</b>	<b>Neck Rot (%)</b>	<b>Bacterial Rot (%)</b>	<b>Single Centered Bulbs (%)</b>	<b>Sprouts (%)</b>
<b>Nippon Norin</b>							
NN 65	3.0	4.0	3.7	0.0	0.0	79	0.0
<b>Nunhems USA</b>							
Anillo	3.0	4.0	3.0	0.0	1.3	86	0.0
Arcero	3.0	3.7	3.3	3.3	0.0	89	1.3
Cometa (W)	2.7	3.7	4.0	2.7	0.0	86	0.0
Granero	3.7	4.7	3.7	3.3	0.7	76	0.0
Joaquin	3.7	5.0	3.7	0.7	0.0	84	0.7
Marengo (R)	2.0	2.0	3.3	0.0	1.3	61	16.7
Montero	2.3	2.7	3.3	3.4	2.0	77	0.0
Pandero	3.3	4.7	4.0	7.3	0.7	71	0.7
Ranchero	2.7	2.7	3.7	1.3	0.0	80	3.3
Vaquero	3.3	3.3	3.3	1.3	1.3	81	0.7
<b>Sakata Seed</b>							
Bello Blanco (W)	2.7	3.3	3.0	2.7	0.0	69	0.8
Ovation	2.0	1.7	3.0	0.7	5.6	47	4.1
Spanish Medallion	2.0	1.7	3.7	9.6	0.7	55	6.7
<b>Seminis</b>							
Affirmed	2.3	3.3	4.0	2.1	0.0	78	2.1
Barbaro	2.3	3.0	3.7	0.7	0.0	92	3.5
Belmar	2.3	3.0	3.7	0.7	0.0	80	0.0
Elbrus	3.3	3.7	4.0	0.7	0.0	47	0.0
R4593 (R)	2.7	2.7	3.0	0.0	0.7	63	3.3
Rainier (W)	3.3	4.0	4.0	3.3	2.0	53	1.3
Ruffian	3.0	2.7	3.7	0.0	2.0	76	2.7
SV4058NV	3.0	3.7	4.0	4.0	2.0	71	2.7
SV4643NT	2.3	2.7	3.3	1.3	6.7	46	15.3
Swale	2.7	3.3	3.7	0.7	0.0	73	3.3
<b>AVERAGES</b>	<b>2.9</b>	<b>3.5</b>	<b>3.5</b>	<b>1.8%</b>	<b>1.0%</b>	<b>63%</b>	<b>2.4%</b>

**(1) Firmness**

1 to 5 scale  
5 = Rock hard bulbs  
1 = Soft bulbs

**(3) Shape**

1 to 5 scale  
5 = Highly uniform  
1 = Extreme variability in shape

**(2) Scale retention**

1 to 5 scale  
5 = Complete scales, no cracks/shrink  
4 = Complete scales, some cracks  
3 = Marketable, partial balding  
2 = 50-75% incomplete skins  
1 = Unacceptable scale retention, non-marketable

**Participating Companies:**

American Takii, Inc., 301 Natividad Rd., Salinas, CA 93906  
Bejo Seeds, Inc., 1972 Silver Spur Place, Oceano, CA 93445  
Crookham Company, P.O. Box 520, Caldwell, ID 83606.  
Hazera Seeds, 1200 N El Dorado Pl. #D440, Tucson, AZ 85715  
Nippon Norin Seed Co., 3219 Mariner Lane, Longmont, CO 90503  
Nunhems USA, 8850 59th Ave. NE, Brooks, OR 97305  
Sakata Seed America, Inc., New Mexico Station, P.O. Drawer F, Messilla, NM 88046  
Seminis Vegetable Seeds, 32537 Apple Valley Rd, Parma, ID 83660

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**If you have questions or comments:**

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