

2025 COLUMBIA BASIN ONION CULTIVAR STORAGE DEMONSTRATION RESULTS

Seed Company & Cultivar	Firmness ¹ (1-5)	Scale Retention ² (1-5)	Shape Uniformity ³ (1-5)	Neck Rot (%)	Black Mold (%)	Bacterial Rot (%)	Fusarium Basal Rot (%)	Single Centered Bulbs (%)	Bolters (%)
American Takii									
Frontier	3.7	2.7	4.3	0.0	0.9	2.8	2.1	19.8	0.0
Highlander	2.3	1.7	2.7	0.0	0.0	0.7	0.0	2.3	0.8
Lodestar	4.0	3.3	3.7	0.0	0.0	2.3	5.0	32.9	0.0
Outlander	2.3	2.0	3.3	0.0	0.0	4.6	0.7	5.8	0.0
Ridgeline	3.3	3.0	3.7	0.0	0.0	1.7	4.2	34.0	0.0
Switchback	3.0	3.3	3.7	0.0	0.0	0.8	1.1	16.2	0.0
Traverse	3.3	3.3	3.7	0.0	0.0	0.0	0.0	54.7	0.0
Bejo Seeds									
BGS 375	4.0	5.0	3.3	0.0	0.0	1.0	2.5	49.6	0.0
Crockett	4.7	5.0	4.0	0.0	0.0	3.1	2.0	54.1	1.0
Hamilton	4.3	4.3	4.3	0.0	0.0	0.0	3.0	71.4	4.2
Legend	4.0	4.7	4.0	0.0	0.0	2.0	0.8	29.2	0.0
Red Carpet (R)	3.3	3.3	3.3	0.0	0.0	1.3	5.2	35.7	0.0
Redwing (R)	3.7	4.0	3.3	0.0	0.0	0.0	6.9	45.7	0.0
Crookham Co.									
Brundage (W)	3.3	3.3	3.3	2.4	0.0	6.8	4.4	78.9	2.2
Caldwell	3.3	4.0	3.3	0.0	0.0	4.8	0.9	82.4	1.7
Caliber	3.0	3.0	3.0	0.0	0.0	2.2	6.6	73.9	0.0
Defender	3.3	3.7	4.0	0.0	0.0	3.1	3.9	67.4	2.3
Delightful	2.3	2.3	3.3	0.0	0.0	19.8	1.4	27.3	0.0
Epic	3.3	3.0	3.7	0.0	0.0	1.6	0.8	83.6	0.0
Scout	3.0	2.0	3.0	0.0	0.0	2.0	1.3	72.4	2.7
Tantrum (R)	2.7	1.7	2.3	0.0	0.0	2.2	3.8	64.9	0.7
Trident	3.0	3.3	3.0	0.0	0.0	1.2	1.9	89.1	1.4
White Cap (W)	3.0	2.7	2.7	6.7	0.0	0.0	0.7	81.6	1.3
Hazera Seeds									
Copperstone	4.0	3.7	3.3	0.0	0.0	1.4	4.6	41.1	0.0
Moonstone (W)	4.0	3.3	3.7	0.0	0.0	27.5	3.2	56.4	0.9

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Nunhems - BASF									
Airoso	4.3	4.0	3.3	0.0	0.0	0.8	0.7	81.6	0.0
Anillo	4.0	4.3	4.0	0.0	0.0	0.7	5.3	81.2	1.5
Arcero	3.0	3.7	3.3	0.0	0.0	1.4	7.5	90.2	0.7
Campero	3.3	3.3	3.7	0.0	0.0	2.8	4.3	51.6	0.0
Cometa (W)	3.0	3.0	4.0	2.1	0.0	6.9	2.0	75.8	6.9
Glorioso	3.7	4.0	3.0	0.7	0.0	4.3	2.7	78.7	0.7
Granero	4.3	4.0	3.7	1.6	0.0	5.1	5.1	76.3	0.0
Joaquin	4.0	4.7	4.0	1.0	0.0	1.0	4.8	81.5	0.9
Marengo (R)	3.0	3.0	3.7	1.0	0.0	4.2	8.6	56.1	0.0
Montero	3.0	3.3	3.7	0.0	0.0	2.1	2.0	57.2	0.0
NUN 6005	2.3	1.7	3.3	0.0	0.0	3.6	3.6	2.5	0.0
NUN 7606	3.7	4.3	4.3	0.0	0.0	0.0	4.0	75.7	0.0
Oloroso	4.0	4.3	4.0	0.0	0.0	3.5	4.0	74.7	0.0
Rhea (W)	3.7	3.7	4.0	0.0	0.0	22.9	3.5	76.6	0.0
Valero	3.3	3.7	3.3	0.0	0.0	8.0	1.3	79.3	0.0
Vaquero	3.7	4.3	3.7	0.0	0.0	4.4	1.3	67.9	0.0
Seminis - Bayer									
Hatchet	3.3	3.7	4.0	0.0	0.0	0.0	4.5	89.7	0.0
Red Garcia (R)	3.3	3.0	3.0	0.0	0.0	0.0	5.2	53.5	0.8
Tucannon	4.3	3.7	3.3	0.0	1.3	1.3	1.3	78.1	0.0
AVERAGES	3.4	3.4	3.5	0.3	0.1	3.8	3.2	59.1	0.7

¹Firmness 1 to 5 scale

5 = Rock hard bulbs

1 = Soft bulbs

³Shape 1 to 5 scale

5 = Highly uniform shape

1 = Extremely variable

²Scale 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

Storage Evaluation Overview:

Bulbs were harvested on September 23, 2025 after field curing. Approximately 50 bulbs were collected and bagged from each plot. Bulbs were held in bins in a commercial storage facility until evaluation on February 19, 2026.

Participating Companies:

American Takii, Inc., 301 Natividad Rd., Salinas, CA
Bejo Seeds, Inc., 1972 Silver Spur Place, Oceano, CA
Crookham Company, 301 W Warehouse St., Caldwell, ID
Hazera USA, 3155 SW 10th Street, Suite 6L, Dearfield Beach, FL
Nunhems USA - BASF, 1200 Anderson Corner Rd., Parma, ID
Seminis Vegetable Seeds - Bayer, 800 North Lindbergh Blvd, St. Louis, MO

Thanks to everyone who participated in the storage evaluation:

Jason Baxter, Bejo Seeds	Mario Gomez, Bejo Seeds
Weston Jeffries, Bejo Seeds	Coby Rogers, Bejo Seeds
Taylor Thurston, Bejo Seeds	Curtis Mokler, Gowan
Jimmy Graton, Gowan	Caleb Chambers, Keithly Williams
Donavin Buck, Seedway	Zack Frederick, Seminis Bayer
Levi Allen, WSU	Gary Middleton, WSU
Ashley Spradling, WSU	

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If you have questions or comments:

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