

## 2001 COLUMBIA BASIN ONION STORAGE DEMONSTRATION RESULTS<sup>1</sup>

### Traditional Harvest Percent by Number<sup>3</sup>

Seed Company & Cultivar <sup>2</sup>	Neck Rot	Other Rot	Sprouted	Single Centers	Comments <sup>4</sup>
<b><u>American Takii</u></b>					
Frontier	4	4	0	6	3,2,3
T-418	6	6	0	16	3,2,3
<b><u>Asgrow</u></b>					
Mariner (XP 15122)	2	8	0	72	3,3,2
Tradewind	6	8	0	68	3,3,4
<b><u>Bejo</u></b>					
Gunnison (BGS 157)	6	0	0	64	4,4,3
Salem	2	6	0	54	4,4,2
Sharon (BGS 156)	2	0	0	42	3,2,2
Tamara	10	4	0	72	4,4,3
Winston	8	6	0	76	3,3,2
<b><u>Crookham</u></b>					
Xph 97H12	8	2	0	40	2,3,2
Xph 99-9	6	0	0	58	3,2,2
<b><u>D. Palmer</u></b>					
Husky	10	8	0	16	3,3,2
Kodiak	10	8	0	16	3,3,2

**Traditional Harvest**  
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<b><u>Petoseed</u></b>					
Mercury?	10	14	0	12	2,2,2
Pinnacle	8	4	0	48	3,3,3
Tioga	0	14	0	60	3,3,3
PS 456994	12	4	0	56	3,3,3
<b><u>Seedex</u></b>					
Tenshin	8	2	0	48	3,2,4
J-250	30	22	0	30	3,3,3
RE-E	6	12	0	54	3,4,4
RE-M	2	2	0	60	3,2,4
W-10	4	0	0	66	3,4,4
<b><u>Seedworks</u></b>					
Pathfinder	4	4	0	42	3,2,2
SWO 7102 (Varsity)	10	6	0	78	4,4,2
<b><u>Sunseeds</u></b>					
Brahma	2	0	0	60	3,3,2
Infinity	24	14	0	68	3,4,2
Sabroso	6	0	0	70	4,4,3
Tesoro	4	12	0	60	3,3,2
<b><u>Vilmorin</u></b>					
Lorenzos	14	4	0	14	3,3,4
Staccato	0	12	0	46	4,5,4
NIZ 37-32	6	4	0	8	4,4,3
<b>Averages (All Cultivars)</b>	<b>7.4</b>	<b>6.1</b>	<b>0</b>	<b>47.7</b>	<b>3.2/3.1/2.8</b>

## 2001 COLUMBIA BASIN ONION STORAGE DEMONSTRATION RESULTS<sup>1</sup>

Later Harvest  
Percent by Number<sup>3</sup>

Seed Company & Cultivar <sup>2</sup>	Neck Rot	Other Rot	Sprouted	Single Centers	Comments <sup>4</sup>
<b><u>American Takii</u></b>					
T-406 (Eagle)	2	0	0	68	4,2,3
T-433	8	6	0	60	3,2,3
T-434	12	2	0	38	3,4,3
T-439	6	8	0	54	3,2,3
T-441	6	2	0	52	3,4,3
<b><u>Asgrow</u></b>					
Red Zeppelin? (XPH 15300)	2	2	0	14	4,3,3
Santa Fe (EX 15225)	26	6	0	66	3,2,3
Superchief (EX 77031)	6	4	0	56	2,2,3
<b><u>Bejo</u></b>					
Daytona	6	0	0	64	4,4,4
Legend	4	10	0	40	4,4,4
Redwing?	10	8	0	70	3,2,5
<b><u>Crookham</u></b>					
Zorro	14	2	0	58	3,2,2
xph 95345	6	2	0	34	3,3,3
xph 97H19	4	0	0	42	4,3,3
xph 97H33	8	2	0	56	2,3,3

**Later Harvest**  
Percent by Number<sup>3</sup>

Seed Company & Cultivar <sup>2</sup>	Neck Rot	Other Rot	Sprouted	Single Centers	Comments <sup>4</sup>
<b><u>D. Palmer</u></b>					
Frosty?	8	14	0	58	3,4,2
Mesquite	6	8	0	58	2,3,2
Tequila	8	8	0	80	2,2,2
<b><u>Petoseed</u></b>					
Flare?	0	8	0	44	3,2,2 Poor exterior color (bronze)
Vision	6	0	0	74	3,2,3
<b><u>Seedworks</u></b>					
SWO 7254	6	10	0	46	2,3,3
SWO 7761	6	0	0	82	3,2,2
SWO 12028	14	2	0	58	2,2,2
<b><u>Sunseeds</u></b>					
Flamenco?	2	2	0	14	3,2,3
Granero (SXO 1428)	2	2	0	92	4,5,4
Ranchero (SXO 1430)	4	4	0	78	3,3,3
Tango?	10	2	0	20	3,2,3
Vasquero	16	2	0	94	3,4,4
<b>Averages (All cultivars)</b>	<b>7.4</b>	<b>4.1</b>	<b>0</b>	<b>56.1</b>	<b>3.0/2.8/3.0</b>

? = red onion

? = white onion

- 1 Bulbs from the traditional harvest were harvested and placed in storage on September 20th. The bulbs had good maturity. The later harvest bulbs were taken to storage on October 4th, also with good field maturity. Maleic hydrazide was not applied to this drip-irrigated crop. Bulbs were held in sacks within commercial bin storage (not heat cured or refrigerated) until evaluation on February 8, 2002.
- 2 American Takii Inc., 301 Natividad Rd., Salinas, CA 93906, (408) 443-4901  
 Asgrow Seed Co., 1801 A Harkins Rd., Salinas, CA 93901, (408) 424-6905  
 Bejo Seed Co., PO Box 40607, Eugene, OR 97404, (541) 953-2090  
 Crookham Company, PO Box 520, Caldwell, ID 83606, (208) 459-7451  
 Duane Palmer Seed, 8269 S Highway 95, Yuma, AZ 85635 (520) 341-8494  
 Petoseed Co., 15141 S 10 Avenue Circle, Caldwell, ID 83605 (208) 454-0842  
 Seedex (Nippon Norin), PO Box 1477, Longmont, CO 80501, (303) 678-7333  
 Seedworks, 3920 Broad St. #5, San Luis Obispo, CA 93401, (805) 547-0280  
 Sunseeds Inc., 2210 Stephanie Brooke, Wenatchee, WA 98801, (509) 665-7242  
 Vilmorin Inc., PO Box 707, Empire, CA 95319, (209) 529-6000
- 3 Expressed as a percentage by number of bulbs; 50 bulbs evaluated per entry.
- 4 The comments are listed in the order; Bulb Firmness, Scale Retention and Bulb Shape Uniformity. Each category was rated on a scale of 1 to 5 with 5 being the highest or most desirable and 1 being commercially unacceptable.

Firmness

5=extremely firm  
 3=average  
 1=extremely soft

Scale Retention

5=excellent scales retained  
 3=average: few split scales  
 1=poor scale retention:  
 numerous "bald" onions

Shape Uniformity

5=highly uniform shape  
 3=average  
 1=extremely variable shape

All red cultivars had commercially acceptable internal scale color.

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 and Pasco, WA

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