

2002 COLUMBIA BASIN ONION STORAGE DEMONSTRATION RESULTS ¹

Percentage by Number³

Seed Company & Cultivar ²	Neck Rot	Other Rot	Sprouted	Internal Dry Leaves	Single Centers	Comments ⁴
<u>American Takii</u>						
Condor	0	0	0	14	28	3,2,3
Frontier	0	0	0	0	20	5,3,4
T-418	0	0	0	14	24	3,2,4
T-433	0	0	0	16	28	4,2,2
T-439	0	0	0	12	40	3,2,3
T-441	0	0	0	0	42	4,3,2
T-467	2	0	0	18	32	4,2,3
<u>Bejo</u>						
Copra	0	2	0	0	58	5,4,4
Daytona	0	0	0	8	56	4,4,4
Delgado	0	0	0	6	56	3,5,4
Gladstone ?	2	2	0	0	10	3,4,3
Legend	2	0	0	0	24	4,5,5
Prince	0	0	0	8	48	5,3,3
Redwing ?	0	0	0	2	68	4,4,5
Salem	0	0	0	4	34	5,3,4
Sharon	2	0	0	16	44	3,4,3
Tamara	0	0	0	18	66	5,5,4

Percentage by Number³

Seed Company & Cultivar²	Neck Rot	Other Rot	Sprouted	Internal Dry Leaves	Single Centers	Comments⁴
<u>Crookham</u>						
Genesis	2	0	0	22	40	4,3,4
Xph 01N03	0	0	0	6	36	2,2,3
Xph 95345	0	0	0	12	32	2,3,3
Xph 97H19	0	2	0	8	28	4,4,3
Xph 97H24	0	0	0	4	54	2,2,2
<u>D. Palmer</u>						
Kodiak	0	0	0	6	30	3,3,2
Mesquite	2	0	0	8	28	2,2,3
Tequila	0	2	0	4	60	2,3,3
DPSX 1170	0	0	0	12	32	3,3,3
DPSX 1171	2	0	0	0	38	2,2,2
DPSX 1172	0	0	0	14	26	2,2,3
<u>Seedex</u>						
Tenshin	0	0	0	18	52	4,3,4
J-250	0	0	0	6	50	2,2,2
W-10	0	0	0	18	52	4,3,5
<u>Seedworks</u>						
Varsity	0	0	0	6	66	4,4,4
SWO 4006	0	0	0	12	68	4,3,3
SWO 4014	0	0	0	8	48	3,2,3
SWO 5003	0	0	0	10	82	3,3,4
SWO 6001	0	0	0	0	66	2,3,3
SWO 6005	0	2	0	20	88	2,3,3

Percentage by Number³

Seed Company & Cultivar ²	Neck Rot	Other Rot	Sprouted	Internal Dry Leaves	Single Centers	Comments ⁴
<u>Seminis</u>						
Kingfisher	0	0	0	6	52	3,2,4
Red Zeplin ?	0	0	0	0	20	4,4,3
Ricochet	2	0	0	2	62	3,2,3
Seahawk	0	2	0	4	44	4,3,4
Tioga	0	0	0	2	42	4,4,4
<u>Sunseeds</u>						
Brahma	0	0	0	18	48	4,3,4
Granero	0	0	0	2	82	3,4,4
Ranchero	0	0	0	6	70	3,3,3
Sabroso	0	0	0	22	56	4,4,4
Tango ?	4	0	0	10	16	3,2,3
Tesoro	0	0	0	14	42	3,3,3
Vaquero	0	0	0	4	84	3,4,4
SX 4391	0	0	0	6	22	3,2,3
SX 7000	0	0	0	2	94	4,4,3
SX 7002	0	0	0	10	88	3,3,3
<u>Vilmorin</u>						
Lorenzos	0	0	0	10	4	4,4,4
NIZ 37-32	0	2	0	8	24	5,4,3
Averages	0.4	0.3	0	8.4	46.4	3.2/3.1/3.5

? = red onion

? = white onion

- 1 Bulbs were harvested and placed in storage on September 18th. Most cultivars had good field maturity. Maleic hydrazide was applied to this center pivot irrigated crop. Bulbs were held in mesh sacks within commercial refrigerated bin storage (not heat cured) until evaluation on February 7, 2003.
- 2 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
 D. Palmer Seed, 8269 S. Highway 95, Yuma, AZ 85635 (520) 341-8494
 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
 Seminis Vegetable Seed, 425 N. Columbia Center Blvd, Kennewick, WA (509) 430-6695
 Sunseeds Inc., 2210 Stephanie Brooke, Wenatchee, WA 98801, (509) 665 -7242
 Vilmorin Inc., 2551 Dragoon, Tucson, AZ, (520) 884-0011
- 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.

<u>Firmness</u>	<u>Scale Retention</u>	<u>Shape Uniformity</u>
5=extremely firm	5=excellent scales retained	5=highly uniform shape
3=average	3=average: few split scales	3=average
1=extremely soft	1=poor scale retention: numerous "bald" onions	1=extremely variable shape

All red cultivars had commercially acceptable internal scale color.

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 Dan Gabiola, Champion Seed, Payette, ID
 Darlene Maxwell & Rich Pollard, Bejo Seed, Caldwell, ID & Eugene, OR
 Roger Thulin, Logan-Zenner Seed, Richland, WA

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