



UNIVERSITY OF
SASKATCHEWAN

VEGETABLE CULTIVAR AND CULTURAL TRIALS 2006

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Saskatchewan
Agriculture
and Food

STORAGE ONIONS 2006

Cultivar	Source	% Weight Loss		Mold*		Scale Loss		% Sprouting		Overall Rating	Comments
		4 mos.	8 mos.	%	Severity	4 mos.	8 mos.	4 mos.	8 mos.		
Alpine	ST	3	9	8	2	3.5	1	0	4	3	Firm at 4 months, 40% bulbs are spongy at 8 months
Bastille	ST	3	10	0	0	3	1	0	4	4	Firm, good quality at 8 mos., no mold, minimal scale loss at 8 months
Bighorn	SW	3	9	0	0	3	4	12	12	4.5	Excellent firmness and quality at 8 months, no mold
Daytona	SW	4	10	12	1	2	1	20	20	3.5	Good scale retention 4 months, attractive skin color 8 months, sprouts early
Express Pak	NOR	6	13	0	0	3.5	2	16	26	2.5	Poor firmness at 4 months, 10% bulbs had watery flesh at 8 months, high % sprouting
Festival	NOR	4	9	0	0	2	3	36	36	3.5	Firm, good scale retention & colour at 4 months, high % sprouting at 4 months
Fortress	ST	4	9	8	2	1.5	1	0	4	4	Excellent scale retention & firmness at 8 months, mold severity is higher than average
Genesis	Sie	2	9	4	1	2.5	2	12	12	4.5	Very firm & attractive skin colour at 8 months
Highlander	NOR	4	17	0	0	4	3	4	28	3	Bulbs are firm at 4 months but spongy at 8 months, scale loss is high at 4 months, high weight loss & % sprouting at 8 months
Infinity	SS,ST,Sie	3	6	4	1	1.5	3	8	8	4	Good scale retention early in storage, 90% firm bulbs at 8 months
Millenium***	SS	3	8	0	0	4	4	0	0	3.5	Resists sprouting and mold, high scale loss early in the season, at 8 months 10% bulbs had watery flesh
Nebula	SS,ST	3	6	0	0	3.5	4	4	4	4	Firm bulbs at 8 months, resists sprouting and mold, above average scale loss early in the season
Norstar***	ST	3	9	16	1	2	2	0	16	3.5	Good scale retention, above average mold at 8 months, firm bulbs at 8 months
Precedent	ST	4	15	60	1	4	1	4	4	2.5	Good firmness at 4 months, high incidence of mold at 8 months but most mold occurs only on the sprouts, at 8 months 70% bulbs had green centres
Rampart	ST	3	6	0	0	3.5	2	12	12	4	Good quality firm bulbs at 8 months, no mold
Renegade	SS	4	13	16	1	3.5	4	0	8	3	Good quality at 4 months, significant weight loss and scale loss at 8 months
Sturon Organic	WDM	3	8	0	0	2	2	12	16	4	Firm bulbs at 8 months, no mold, good scale retention but skin colour is unattractive (pale yellow)
Tamara	SW	3	7	0	0	2	3	0	4	4	Firm bulbs at 8 months, resists mold and sprouting, 10% bulbs had some centre rot at 8 months
Yellow Globe Danvers***	EFG	4	20	16	2	4	2	8	20	2	Skin colour fades during storage, high weight loss & sprouting at 8 months, 40% bulbs had watery brown rot at 8 months
Yellow Sweet Spanish	OT	4	12	0	0	2	3	64	64	2	Bulbs are soft and shrivelled at 8 months, high % sprouting at 4 months
Average		3.5	10.3	7.2	0.6	2.9	2.4	10.6	15.1	3.5	

Bold = Recommended in 2006

*** = Previously Recommended

Storage Conditions: 3°C, 60% R.H.

* No mold present on any cultivar at 4 months

Mold Severity: 1 - minimal
5 - severe

Scale Loss: 0 - none
5 - excessive

Overall Rating: 1 - poor
5 - excellent