



SUNRISE POTATO STORAGE LTD.

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SP VARIETY FACT SHEET*

SP – 23

Chipping Qualities

Solids	Very high. Similar to Atlantic and FL-1867
Appearance	Excellent both fresh & out of storage. Although prone to hollow heart, the edges of the hole are white & not a chip defect.
Utilization	Primarily for mid to late season delivery out of storage
Tuber	Round, uniform size with moderately deep eyes. White flesh.
Chip Colour	Excellent both as field fry & out of storage until June.

Agronomic Characteristics

Yield Potential	High yields achieved under favourable growing conditions, greater than Snowden with similar fertilization requirements.
Maturity	Medium to late
Adaptation	Irrigated land is an asset in reducing hollow heart
Vine	Medium to large, tall vine with robust vigor
Stand	Stand: good to excellent. Plant spacing: 25 – 30 cm.
Tuber	Set: medium to high. Size: good. Skin: slightly russetted.
Vine Kill	Easy
Harvesting	Good harvesting & handling techniques essential. Susceptible to bruising due to high solids.
Stability/Risk	Exceptionally reliable. Prone to hollow heart.
Storage	Store at 55 F till chip colour & defect levels are low; then lower temperature to 48 F. Can be stored until June (9 months)
Tuber Dormancy	Exceptionally long dormancy. Ideal for organic production.

Diseases/ Disorders/Sensitivities

Scab	Highly resistant, but still can develop pits in heavy infestations
Hollow Heart	Main weakness
Heat Necrosis	Not reported
Early Blight	Moderately susceptible
Late Blight	Moderately susceptible
Verticillium Wilt/Early Dying	Moderately resistant
Storage Rot	Storability is generally very good
Seed Piece Decay	Not reported as a problem
Alfalfa Mosaic Virus	Susceptible

* Information is derived from Research and Development experimental plots (since 2004) and field observations by growers. It is preliminary and general in nature and should be used as a guide only. Additional observations are needed to continually improve this information.

Please forward all comments and additions to Peter VanderZaag at the above address.