

Solanum tuberosum [SOLANACEAE Family]

Potatoes

(F. & B., Earlimart, CA) Commercial grower reports that acreage treated with *Panák-ite* at the rate of 750 lbs per acre resulted in 268 sacks per acre of potatoes. Ground treated substituting 750 lbs of sulphate of ammonia per acre resulted in 258 sacks of potatoes. In addition the potatoes grown with sulphate of ammonia suffered 2.25 times more shrinkage and were spongier than those treated with *Panakit* (that) were firmer and heavier.



Potatoes are the world's most widely grown tuber crop, and the fourth largest crop in terms of fresh produce (after maize, rice and wheat, not necessarily in that order).

Potatoes require full sun to grow. Because they are aggressively rooting plants, they will produce the best crop when planted in a light, loose, well-drained but moisture retentive loam. Potatoes prefer a slightly acid soil with a pH of 5.8-6.5.

Kingdom:	Plantae
Division:	Magnoliophyta
Class:	Magnoliopsida
Subclass:	Asteridae
Order:	Solanales
Family:	SOLANACEAE
Genus:	<i>Solanum</i>
Species:	<i>tuberosum</i>

<u>Variety</u>	<u>Maturing</u>	<u>Comments</u>
Yukon Gold	Early to Mid-season	Large, yellow-fleshed variety. They are excellent baked, boiled, or mashed. The potatoes also store well.
Superior	Mid-season	Good baked, boiled, or mashed. Resistant to potato scab.
Red Pontiac	Late-maturing	High yields, large round potatoes, easy to grow, stores well.
Kennebec	Late-maturing	Excellent producer, large potatoes, great for baking or frying, stores well.
Russet Norkotah	Late-maturing	Excellent baking potato, excellent producer, large potatoes.
White Rose	Early to Mid-season	Good producer, good for cooking, doesn't store well.
Russet	Mid-season	Excellent producer, excellent baking potato, large potatoes, excellent for storage.
Norland	Early-maturing	Red skin, white flesh, excellent when boiled, fried, or mashed, stores well.



Left: "Eyes" of a seed potato

<http://www.thegardenhelper.com/spuds.html>