

Variety	Representative in Canada	Primary Use	Secondary Use	Maturity	Shape	Eyes	Skin	Flesh	Yield Potential	Specific Gravity	Quality	Tuber Defects	Storability	Resistance	Susceptibility	Agronomic Management
<b>Russet Burbank</b>	None	French fry	Table market (baking)	Late	Long	Moderately shallow	Brown, strongly russeted	White	High	High	Excellent French fry and baking quality, moderately resistant to after cooking discoloration.	Susceptible to second growth and hollow heart.	Good, medium to long dormancy.	Common scab, black leg and Fusarium dry rot.	Verticillium wilt, early and late blight, PVY.	Responds to high levels of nitrogen, particularly in terms of the yield of tubers >10 oz (280 g).
<b>Shepody</b>	Agriculture and Agri-Food Canada Potato Research Centre, NB	French fry		Mid-season	Long	Shallow	Smooth, buff	White	Medium-high	Medium	Excellent French fry quality.	Resistant to second growth and hollow heart.	French fry quality out of long term storage is variable.	Moderately to Rhizoctonia, Fusarium dry rot and net necrosis.	Common scab, Verticillium wilt, late blight, PVY (symptomless expression) PLRV, and greening due to high position in the hill.	Under certain conditions, post-emergent applications of metribuzin may cause crop injury. Responds to high levels of nitrogen, particularly in terms of the >10 oz (280 g) tuber yield fraction.
<b>Ranger Russet (Amisk)</b>	Agriculture and Agri-Food Canada Research Centre, Lethbridge, AB	French fry	Table market, count pack	Late	Long	Moderately shallow	Brown, strongly russeted	White	High	High	Excellent French fry and baking quality.	Resistant to second growth and hollow heart, susceptible to blackspot bruise.	Good potential, but specific gravity must be managed to minimize blackspot bruise.	Moderately to Verticillium wilt, PVX, PVY, and Fusarium dry rot.	Highly susceptible to tuber late blight infection, moderately to common scab.	The Amisk clone produces higher >10 oz (280 g) yield, is more resistant to tuber necrosis associated with infection by Verticillium wilt and is less susceptible to second growth.
<b>Atlantic</b>	Agriculture and Agri-Food Canada Research Centre,	Chipping	Early table market	Mid-season	Oval	Moderately shallow	Buff, rough (flaky)	White	High	High	Excellent chip quality.	Susceptible to hollow heart and heat necrosis.	Not recommended for storage, susceptible to pressure	Highly resistant to PVX and tuber net necrosis, moderately to		Closer spacing reduces incidence of hollow heart.

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	Lethbridge, AB												bruise.	common scab, Verticillium wilt and wart. Highly resistant to race 0 of the golden nematode.		
<b>Snowden</b>	Potatoes New Brunswick, Grand Falls, NB	Chipping		Late	Round-oval	Moderately deep	Buff	White	High	High	Excellent chip quality.	Moderately resistant to second growth and hollow heart, moderately susceptible to bruising.	Excellent, short dormancy.	Moderately to common scab.		
<b>Niska</b>	Agriculture and Agri-Food Canada Research Centre, Lethbridge, AB	Chipping	Table market	Mid-season	Oval	Moderately deep	Buff	White	High	High	Excellent chip quality.	Moderately resistant to second growth and hollow heart.	Excellent capacity for maintaining fry colour in long-term storage, skin set prior to harvest essential to prevent storage losses due to Fusarium dry rot.	Common scab, moderately resistant to PLRV and early blight.	PVY (symptomless expression), Fusarium dry rot and late blight.	Low set, close row spacing reduces tuber size.
<b>Conestoga</b>	University of Guelph, Guelph, ON	Chipping		Early	Oval-oblong	Shallow, occasionally pink	White, rough (flaky)	White	High	Medium	Excellent chip quality.	Moderately resistant to second growth and hollow heart.		Moderately to common scab, early blight, PLRV and net necrosis.	PVY	In the early season, glycoalkaloid values may be unacceptably high. Measure glycoalkaloid levels prior to early harvests.
<b>NorValley</b>	Alberta Seed	Chipping	Table market	Mid-	Round-	Moderately	White	White	High	Medium	Excellent chip	Moderately	Excellent	Moderately to		Low set and

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	Potatoes Inc., Taber, AB			season	oval	shallow					quality.	susceptible to second growth, resistant to hollow heart.	capacity for maintaining fry colour in long-term storage.	common scab, early blight and Verticillium wilt.		close row spacing reduces tuber size.
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<b>Norland</b>	Cereal Research Centre, Winnipeg, MB	Table market		Early	Oval-oblong	Moderately shallow	Red, smooth	White	High	Medium-low	Excellent boiling quality, wet texture, moderately resistant to sloughing and moderately susceptible to after-cooking darkening.	Moderately susceptible to second growth, moderately resistant to hollow heart.	Poor retention of red skin colour in storage, short dormancy.	Wart, moderately to common scab, Verticillium wilt, PVY and PLRV.	Highly susceptible to silver scurf.	Under certain conditions, post-emergent applications of metribuzin may cause crop injury.
<b>Sangre</b>	Agriculture and Agri-Food Canada Research Centre, Lethbridge, AB	Table market		Mid-late season	Oval-oblong	Moderately shallow	Red, rough (scaly)	White	High	Medium-high	Excellent boiling quality, moderately mealy texture, resistant to sloughing and after-cooking darkening.	Moderately susceptible to second growth and moderately resistant to hollow heart.	Good retention of red skin colour in storage.	Net necrosis, moderately to Rhizoctonia and silver scurf.	Early and late blight, Verticillium wilt, moderately to bacterial soft rot and Fusarium dry rot.	Under certain conditions, post-emergent applications of metribuzin may cause crop injury.
<b>Red Pontiac</b>	None	Table market		Late	Oval-oblong	Deep	Red, smooth	White	High, drought-tolerant	Medium-low	Good boiling and baking quality, wet texture, resistant to after-cooking darkening.	Susceptible to second growth, particularly on oversize tubers, blackspot bruise and shatter bruise.	Good storage potential, medium dormancy.	Moderately to blackleg and net necrosis.	Common scab, Fusarium dry rot, late blight (foliage and tubers), Verticillium wilt, PLRV and PVY.	Under certain conditions, post-emergent applications of metribuzin may cause crop injury. Close row spacing is recommended to limit oversize tubers.

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<b>Russet Norkotah</b>	Agriculture and Agri-Food Canada Research Centre, Lethbridge, AB	Table market		Early-mid season	Oblong-long	Very shallow	Brown, russet	White	High	Medium	Moderately mealy texture, moderately susceptible to after-cooking darkening.	Very attractive tubers with low defect levels.	Stores well, medium dormancy.	Common scab and silver scurf.	Verticillium wilt, early and late blight, PLRV, and PVY (symptomless expression). Late maturing clonal variants have been developed with improved resistance to Verticillium wilt and early blight.	
<b>Yukon Gold</b>	University of Guelph, Guelph, ON	Table market		Mid-season	Oval	Shallow, pink	Light yellow, smooth	Light yellow	Medium	Medium	Moderately mealy texture, resistant to after-cooking darkening.	Very attractive tubers with low defect levels, hollow heart occurs in larger tubers.	Excellent with long dormancy.	Moderately to PLRV and net necrosis.	Common scab, early blight, late blight, Rhizoctonia and PVY.	Poor eye distribution can result in blind basal seed pieces. Tuber set is low, close in-row spacing is recommended.
<b>Bintje</b>	None	Table market		Late	Oblong	Shallow	Light yellow, smooth	Light yellow	High	Medium	Excellent for boiling, baking and French fries; resistant to after-cooking darkening.	Attractive tubers with low defect levels.	Fair, medium dormancy.	Moderately to PLRV.	Common scab, Fusarium dry rot, wart and PVY.	High tuber set can be managed by increasing in-row spacing.