

Better Farming FOCUS ON SOYBEANS

Where to find information on soybean varieties for your farm

Soybeans are an important part of a cropping rotation with wheat and corn in intensively farmed areas of Ontario. To help you find which varieties are best suited to your farm, check our website for this year's soybean variety chart

With high speed Internet more widely available in Ontario, *Better Farming* has broken from an eight-year tradition by publishing this year's soybean variety chart on the Internet. The chart will be available at the *Better Farming's* website (www.betterfarming.com). Adobe Acrobat Reader, a program freely available on the Internet and easily downloaded, is required to read it.

The 2008 soybean variety chart is a service to our readers provided by the editorial staff at *Better Farming*. The list of new varieties was developed by asking known distributors for names and information about varieties available for the first time. Not all distributors responded and not all had new varieties available in 2008. In some

cases, seed is available on a limited basis only.

The varieties are arranged by corn heat unit area so that you, the reader, can easily find the new varieties suitable for your farm. Details about special traits, resistance to weed sprays or to certain diseases, as well as expectations of potential yields, were provided by the breeder or distributor.

Some additional information about how these varieties might perform on your farm is available on the Ontario Oil and Protein Seed Crop Committee's website at <http://www.gosoy.ca/index.php> and the latest report can be obtained there.

In early February, Chicago prices were at record levels, just shy of US\$11 per bushel. At the same

time, Statistics Canada reported that, as of Dec. 31, Canadian soybean stocks were at 1.7 million tonnes, which was 928,000 tonnes or 34 per cent lower than a year below.

That's because farmers favoured corn last year. "It's hard to know what to make of these numbers," says Horst Bohner, a soybean crop specialist with the Ontario Ministry of Agriculture, Food and Rural Affairs.

"This year is going to be critical," Bohner says. "The real crunch will come next fall if we don't plant a lot of soybeans" this spring. Sometimes fields planted to fall wheat become victim to winter kill and are torn up in the spring and planted to soybeans. But it's far too early to speculate about that scenario, he says. **BF**

MATURITY	NAME	COMPANY	YIELD	SPECIAL	HILUM	SEED SIZE	COMMENTS
2450 – 2899 CHU							
2450	S00-K5	Syngenta	**	RR, Rps1-c	Brown	n/a	Good standability plus good disease protection with gene and field resistance for PRR and excellent white mould resistance.
2550	AC® Renfrew	SeCan	***	RR	Imperf YLW	Medium	Huge yield potential for a short day bean. Developed by Agriculture and Agri-Food Canada.
2575	90Y20	Pioneer	***	RR	Brown	Medium	Early variety. Excellent field emergence. Rps1k gene for multi-race PRR.
2600	S01-T5	Syngenta	**	RR, Rps1-c	Imperf YLW	n/a	Harvest high yields from this early soybean. A disease package for short-season growers.
2650	26-55R	Dekalb	***	RR®	Black	6,400/kg	Excellent emergence, seedling vigour and white mould tolerance. Adaptive plant well suited for all soil types and row widths.
2650	Savanna	PRO Seeds	**	Food	Imperf YLW	Large	A new early variety with a high protein and a very good disease resistance package. IP market potential.

Yield: * = average, ** = above average, *** = Excellent or Exceptional. RR = Roundup Ready. Rps = Resistance to Phytophthora Root Rot. References to C, 6, 1-k indicate resistance to specific races of the disease. SCN = Resistance to soybean cyst nematode. PRR = Phytophthora Root Rot. LLA = Low Linolenic Acid oil, a human health benefit. Vistive = a proprietary LLA oil.

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2700 – 2899 CHU							
2700	CF0708R	CFS	***	RR	Black	Medium	Excellent looking in the field and in the bin.
2700	RR Mercury	Maizex	***	RR	Black	5,556/kg	Tall plants with excellent standability and yield potential.
2700	5B054RR	Mycogen	***	RR	Brown	5,600 /kg	Strong yield for maturity. Shorter plant type gives excellent lodging resistance. Strong field ratings for Phytophthora.
2700	5B060RR	Mycogen	***	RR; Rsp1k gene	Yellow	6,300/kg	Excellent no-till variety, very good drought stress tolerance. Avoid excessively fertile soils and row widths greater than 20 inches.
2700	2606RR	Mycogen	***	RR	Black	6,100/kg	Strong yield under a wide range of soil types and management practices. Recognized for excellent standability for ease of harvesting.
2700	OAC Lakeview	SeCan	***	Food Grade	Yellow	Large	Premiums available, limited supply. Developed by University of Guelph.
2700	S06-G6	Syngenta	***	RR, Rps1-c	Black	n/a	Excellent lodging resistance and high yield potential. Slender bush plant type excels in narrow rows.
2750	AC 0800RR	Syngenta	**	RR, Rps-6	Imperf YLW	n/a	A tall, thin-line plant adapted to narrow rows and no-till. Yields very well in clay soil types or compacted, cool, wet soils where PRR may be a concern.
2750	S08-C3*	Syngenta	***	RR, Rps1-c	Grey	n/a	Registration pending. Versatile soybean delivers high yields. Strong disease protection including Sclerotinia white mould. Excellent standability for ease of harvest.
2775	PRO 2715R	PRO Seeds	***	RR	Grey	Small	A new very promising variety with excellent spring vigour. Very high yield and standability. Highest 1st pod height of the 2600 trials.
2800	HS 11R46	Hyland	***	RR	Black	Medium	Good emergence, great lodging score. Excellent yield potential.
2800	HS 11R53	Hyland	***	RR	Black	Medium	Excellent yield potential, great lodging score, medium plant height, good emergence.
2800	AC® CeryxRR	SeCan	***	RR	Imperf YLW	Small	Great yield potential across the 2700-2900HU areas. Developed by Agriculture and Agri-Food Ottawa.
2800	Destiny	PRO Seeds	***	Food	Imperf YLW	Large	An imperfect yellow 2800 CHU variety with an outstanding yield. Well suited for all soil types and have an IP market potential.
2800	PS 1057 RR	Pride	***	RR	Brown	5,200/kg	New Roundup Ready variety from Pride Seeds. Excellent yield potential together with sound agronomics.
2825	91Y20	Pioneer	***	RR	Black	Small	Moderate plant height. Excellent harvest standability and resistance to shattering. Rps1k gene for multi-race PRR.
2850	HS 13C38	Hyland	***	Food	Yellow	Large	Great yield potential, above average protein, medium tall plant height.
2850	HS 13R30	Hyland	***	RR	Brown	Medium	Very good yield potential, medium plant height, great plant health, excellent lodging.
2850	HS 13RS52	Hyland	***	RR	Black	Medium	SCN/ Roundup Ready variety, excellent plant health, great yield potential.
2850	5140RR	Mycogen	***	RR; Rsp1-k gene	Dark Brown	5,800/kg	Consistent high performer in all soil types – performs best in row widths of 20 inches or less. Excellent tolerance to Phytophthora root rot.
2850	5N152RR	Mycogen	***	RR; SCN Resistant	Black	6,200/kg	Features excellent yield potential and soybean cyst nematode resistance. Very good tolerance to iron deficiency chlorosis.
2850	DH410	Hendrick	***	SCN Resistant	Yellow	4,800/kg	High yielding IP food grade soybean. Excellent white mould tolerance and high lodging resistance.

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2850	PRO 2815R	PRO Seeds	***	RR	Brown	Small	New high yielding variety with average plant height with great lodging resistance. Good agronomic package including Rps 1k gene for phytophthora resistance.
2850	S13-H7	Syngenta	**	RR, Rps1-k	Black	n/a	A tall, rugged plant that excels in stress conditions such as no-till and heavy clay soil types or droughty soils.
2850	PS 68 NRR	Pride	***	RR, SCN	Black	5,900/kg	Earliest Roundup Ready SCN variety from Pride Seeds. Medium tall plant with excellent standability.
2875	S14-K6	Syngenta	***	RR, Rps1-c, Extra Edge™ High Oil	Black	n/a	Outstanding yield potential for high fertility acres. Excellent emergence, fast start. Defends against PRR, with gene and field resistance.
2900 – 3250 CHU							
2900	S18-R6	Syngenta	***	SCN, PBR	Yellow	n/a	High-yielding, broadly adapted soybean. Eye-catching field and seed appearance.
2925	S17-A1	Syngenta	**	RR, SCN	Black	n/a	Proven high-yielder. Resistant to brown stem rot and Sclerotinia white mould. Top choice where disease and pest pressures are concerns.
2950	29-52R	Dekalb	***	RR	Black	5,700/kg	Good early season vigour, excellent emergence. Best suited for sandy loam to clay soils.
2975	91Y90	Pioneer	***	RR	Brown	Medium	Excellent yield potential. Outstanding field emergence and harvest standability.
3000	5N204RR	Mycogen	***	RR; SCN Resistant	Imperf BLK	5,900/kg	A new high yielding variety with soy bean cyst nematode resistance. A wider plant type makes this Roundup ready variety suitable for wide rows.
3000	S20-G7	Syngenta	**	Rps1-c, Extra Edge High Protein PRR	Yellow	n/a	Above average protein and large seed size gives this variety excellent export potential. A strong agronomic package rounds out an exciting new soybean.
3000	S21-N6	Syngenta	***	RR, Rps1-k	Brown	n/a	Expect top-end yields from this stress-tolerant soy bean. Emerges strong and stands well all season. Solid PRR protection.
3025	92Y20	Pioneer	***	RR/SCN	Black	Medium	Excellent disease resistance package. SCN (Peking source) plus Rps1k for multi-race PRR.
3050	ZFS261	Inwood	**	non-GMO, Low Linolenic acid	Black	2,700/lb	First non-GMO low linolenic acid soy bean available in Canada. Yields three per cent better than Kent.
3075	92Y30	Pioneer	***	RR/SCN	Imperf BLK	Medium	Exceptional yield potential. SCN resistance. Excellent standability. Rps1-k gene for multi-race PRR.
3100	HS 22R60	Hyland	***	RR	Grey	Medium	Medium plant height, excellent yield potential, good plant health, great lodging score.
3125	PS 89 VRR	Pride	***	RR, Vistive, Low Linolenic	Black	5,500/kg	Combines new Vistive heart healthy technology and Roundup Ready crop safety. Tall plant with excellent standability. Very high end yield potential.
3150	PS 90 NRR	Pride	***	RR, SCN	Imperf BLK	5,600/kg	Very high end yield potential with very good disease tolerance Roundup Ready and SCN in one package.
3150	31-53R	Dekalb	***	RR	Imperf BLK	6,600/kg	Excellent standability and emergence, SCN resistance. Best suited for sand to clay loam soils.
3150	PRO 3125RC	PRO Seeds	**	RR-SCN	Black	Small	New RR variety with SCN resistance. Aggressive tall variety with good lodging rating. Well suited for no-till practices.
3175	HS 24C99	Hyland	***	Food	Yellow	Large	Excellent yield potential, good protein, great new Food type soybean.
3175	HS 24VRS62	Hyland	***	RR, Vistive	Black	Medium	New Vistive SCN/RR variety, low lin oil, Excellent yield potential.
3200	HS 25R24	Hyland	***	RR	Black	Medium	Great yield potential, good plant lodging score, medium – tall plant height.

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3200 – 3250 CHU							
3200	92Y80	Pioneer	***	RR/SCN	Brown	Medium	Impressive yield potential. Solid agronomics and disease resistance package. Moderate plant height.
3200	PRO 3215RC	PRO Seeds	**	RR-SCN	Black	Small	SCN resistant variety new for 2008. Semi-bush plant suited for narrow rows and no-till. Adapts well to clay and clay loam soils.
3200	S26-F9	Syngenta	**	Rps3-a, SCN, PRR	Yellow	n/a	A full-season variety adapted to all soil types. Great 'eye-appeal' for export markets.
3200	S27-L4	Syngenta	***	RR	Black	n/a	Anticipate top-end yields with strong disease protection. Strong brown stem rot and sudden death syndrome protection. Excellent stress tolerance.
3225	32-05R	Dekalb	***	RR	Imperf BLK	6,600/Kg	Excellent resistance to brown stem rot, SCN resistance. Fits well on sand to clay loam soils.
3250	PS 99 VRR	Pride	***	RR, SCN, Vistive Low Linolenic	BF	5,800/kg	Combines new Vistive heart healthy technology, Roundup Ready crop safety and SCN protection.
3250	HS 26RS23	Hyland	***	RR	Black	Medium	SCN/RR variety, medium - tall plant height, good plant health, medium – tall variety.
3250	5N262RR	Mycogen	***	RR; SCN Resistant	Black	5,600/kg	Features excellent yield potential and soybean cyst nematode resistance. Wide plant type fits all row sizes with excellent standability for ease of harvest.

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