

Product Sheet

BioBOOST[®] for Canola
BUILDING BETTER CROPS

BrettYoung[™]

BioBoost[®] for Canola is a unique innovative biological growth promoter for canola that enhances performance and production. The active ingredient of the inoculant BioBoost is a selected strain of *Delftia acidovorans* (RAY209) isolated from Canadian soil, which is a plant growth promoting rhizobacteria (PGPR) for canola.

Benefits of BioBoost[®] for Canola include:

- Naturally occurring environmentally friendly inoculant for canola.
- Available custom treated from BrettYoung with Ultracoat[™] and Helix XTra[™] on the seed.
- Produces better vigour and a healthier canola plant.
- Average yield increased 2.8 bushels over 6 years on testing farm and with research trials.

BioBoost[®] for Canola Seed Applied:

BioBoost registration data shows a significant yield advantage for Canola growers who use BioBoost. Based on multiple years of replicated trials reviewed for registration by CFIA, BioBoost on average gave an 8% yield boost to canola. Return for canola growers is positive and profitable when assuming yield increases of 8% for canola. BioBoost seed applied is only available on BrettYoung canola varieties. This seed applied product looks great in the bag and is easy to handle.

What does BioBoost[®] for Canola seed applied mean for growers?

- Increased yield and profit! Based on a 35 bushel yield per acre @ \$10.00 per bushel this means an extra \$28.00 per acre in revenue or a 4 times return on the cost of the BioBoost.
- Faster start to the canola crop.
- Healthier plants with a better root system.
- Use normal seeding practices when using BioBoost treated seed.

Saskatoon Treatment Facility

The application of BioBoost to ensure the biological life on the seed is critical to performance. Our new facility in Saskatoon treats and coats seeds to the highest standards. We are confident that we are selling you a certified seed, along with application of BioBoost. We believe our pre-treated hybrid canola and forages offer a high standard of quality, and ensure the highest possible value and convenience to the grower.

Visit us at www.brettyoung.ca or call toll free at 1-800-665-5015

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BioBoost® Treated Canola Field Demo Results

Location	Check Yield	BioBoost® Yield	Difference Bu/Acre	% Advantage
2003				
Dauphin, Manitoba	30.4	32.1	1.7	6%
Neepawa, Manitoba	19.8	25.6	5.8	29%
LaSalle, Manitoba	44	45.3	1.3	3%
Elm Creek, Manitoba	53.3	54.4	1.1	2%
Gladstone, Manitoba	31.6	35.5	3.9	12%
MacGregor, Manitoba	48.7	50.4	1.7	3%
Millet, Alberta	31.3	34.6	3.3	11%
Fort Saskatchewan, Alberta	57.7	57.5	-0.2	0%
Average totals 2003	39.6	41.9	2.3	6%
2005				
Cypress River, Manitoba	45.8	55	9.2	20%
Balcarres SK	52	57	5.0	10%
Rosthern, Saskatchewan	36.2	37	0.8	2%
Average totals 2005	44.7	49.7	5.0	11%
2006				
Brandon, Manitoba	32.8	30.7	-2.0	-6%
Kenton, Manitoba	30.0	29.0	-1.0	-3%
Ste Rose, Manitoba	20.9	22.9	2.0	9%
Plumas, Manitoba	38.1	38.0	-0.1	0%
Lowe Farm, Manitoba	31.1	31.4	0.3	1%
Lowe Farm, Manitoba	37.8	37.8	0.0	0%
Legal, Alberta	49.0	48.0	-1.0	-2%
Legal, Alberta	42.0	48.0	6.0	14%
McEwans	48.3	48.7	0.4	1%
McEwans	48.5	49.5	1.0	2%
Calmar, Alberta	54.5	55.2	0.7	1%
Unity, Saskatchewan	21.0	23.3	2.3	11%
North Battleford, Saskatchewan	28.6	31.2	2.6	9%
Agro Guys	43.5	43.3	-0.2	0%
Cavalier, Saskatchewan	45.1	43.8	-1.3	-3%
Langbank, Saskatchewan	23.0	21.7	-1.3	-6%
Average totals 2006	37.1	37.7	0.5	2%
2007				
McDonald Ag	38.1	40.7	2.6	7%
Embryo Seeds	34.9	37.5	2.6	7%
Friesen	37	40	3.0	8%
Brian Mathieson	36	39	3.0	8%
Wagon Wheel Seed	34	35	1.0	3%
CPCS Rycroft	34	40.1	6.1	18%
CPCS Rycroft	38.1	40.7	2.6	7%
CPCS Rycroft	34.9	37.5	2.6	7%
CPCS Rycroft	37	40	3.0	8%
Langdon NDSU	41.6	44.7	3.1	7%
Langdon NDSU	30.3	32	1.7	6%
L&H Cattle	48	52	4.0	8%
Trautman	43	43	0.0	0%
Average totals 2007	37.6	40.5	3.0	6%
2008				
Murray Dickie	47.3	46.3	-0.9	-2%
Ken Wiebe	50.7	50.8	0.1	0%
Dave Hrasko	30.5	31.6	1.1	4%
Ken Wacko	43.2	43.4	0.2	0%
Allan Ray	37.0	38.3	1.3	3%
Cupar	31.3	32.5	1.2	4%
Neil Soder	49.4	52.5	3.1	6%
Craig Gabrielson	43.5	44.0	0.5	1%
Strome	56.2	54.5	-1.7	-3%
Langdon NDSU	18.2	22.9	4.7	26%
Wannaska, MN	51.2	56.2	5.0	10%
Roseau, MN	42.2	42.7	0.5	1%
Average totals 2008	41.7	43.0	1.3	4%
	Control	BioBoost	Yield Advantage	% Increase
Average of all site years	40.1	42.5	2.4	6%

