

Product Sheet

BrettYoungTM

BioBOOST[®] *for Canola* BUILDING BETTER CROPS

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 UltracoatTM and Helix XTraTM 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.



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

BioBoost® treated Canola Field Demo Results

Location	2003	Check Yield	BioBoost Yield	Difference Bu/Acre	% Advantage
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					8%
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	% In-
crease					
Average of all site years		40.1	42.5	2.4	6%

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