

Acceleron® Seed Applied Solutions for Corn

The Acceleron® products help give you more control over your crop. Ordering seeds pre-treated with Acceleron® will help maximize yield potential when it matters most, at harvest. Protect every seed with an effective fungicide, insecticide, nematocide, and bio-enhancer.



Corn Offering

DEKALB® corn seeds can be pre-treated with the following options:

With SmartStax® Technology

SmartStax® technology offerings are only available on DEKALB® Brand SmartStax® RIB Complete® hybrids.



Fungicides

- Metalaxyl, prothioconazole, fluoxastrobin

Insecticide/Nematode Protection

- Poncho®/VOTiVO® with clothianidin at the 0.500 mg/seed rate



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Insecticide/Nematode Protection

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Bio-Enhancers**

- Acceleron® B-300 SAT + Acceleron® B-360 ST

Without SmartStax® Technology



Fungicides

- Metalaxyl, prothioconazole, fluoxastrobin

Insecticide

- Clothianidin at the 0.250 mg/seed rate



Fungicides

- Metalaxyl, prothioconazole, fluoxastrobin

Insecticide

- Clothianidin at the 0.250 mg/seed rate

Bio-Enhancers**

- Acceleron B-300 SAT + Acceleron B-360 ST

PERFORMANCE ↑	Without SmartStax® Technology 	With SmartStax® Technology**
	Without SmartStax® Technology 	With SmartStax® Technology**
ACCELERON STANDARD		ACCELERON STANDARD + Bio-Enhancer*
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PROTECTION →		

*Bio-Enhancer = New seamless Acceleron B-300 SAT + Acceleron B-360 ST offering for new 2019 DEKALB hybrids

	Fungicides Excellent control of soil and seedborne disease including Pythium, Rhizoctonia, Fusarium, Phomopsis, Rhizopus, Aspergillus, and Penicillium.
	Insecticide Protection from early season pests, such as wireworm, seedcorn maggot, white grub and grape colaspis.
	Nematicide Protects against damage from a wide range of nematode species.
	Bio-Enhancers Nutrient and moisture deficiencies can impair root growth, making it even harder for plants to get the nutrients and moisture they need. Biological products make nutrients available to plants, helping maximize yield potential. These products can also enhance functional root volume and increase nutrient uptake, protecting plants from moisture or nutrient stress.

**SmartStax technology offerings are only available on DEKALB Brand SmartStax RIB Complete hybrids.

Additional offerings: Fungicide Only Treatment, DuPont™ Lumivia®

*Acceleron® seed applied solutions for corn plus Poncho®/VOTiVO® (fungicides, insecticide and nematocide) is a combination of five separate individually-registered products, which together contain the active ingredients metalaxyl, prothioconazole, fluoxastrobin, clothianidin and Bacillus firmus strain I-1582. Acceleron® seed applied solutions for corn (fungicides and insecticide) is a combination of four separate individually-registered products, which together contain the active ingredients metalaxyl, prothioconazole, fluoxastrobin, and clothianidin.

**Offering only available for new 2019 DEKALB hybrids.

ACCELERON
B-300 SAT



+

ACCELERON
B-360 ST



Dual action biological offering containing *Penicillium bilaiae* and LCO (lipochitooligosaccharide) technology. Acceleron® B-300 SAT is derived from the naturally occurring soil fungus *Penicillium bilaiae*. It grows along plant roots releasing nutrients like phosphate. Acceleron® B-360 ST (LCO) enhances mycorrhizal colonization.

How it Works

Freeing phosphate

- 1 The *Penicillium bilaiae* (*P.bilaiae*) in Acceleron B-300 SAT releases phosphate bound in the soil, making it more readily available to the plant.

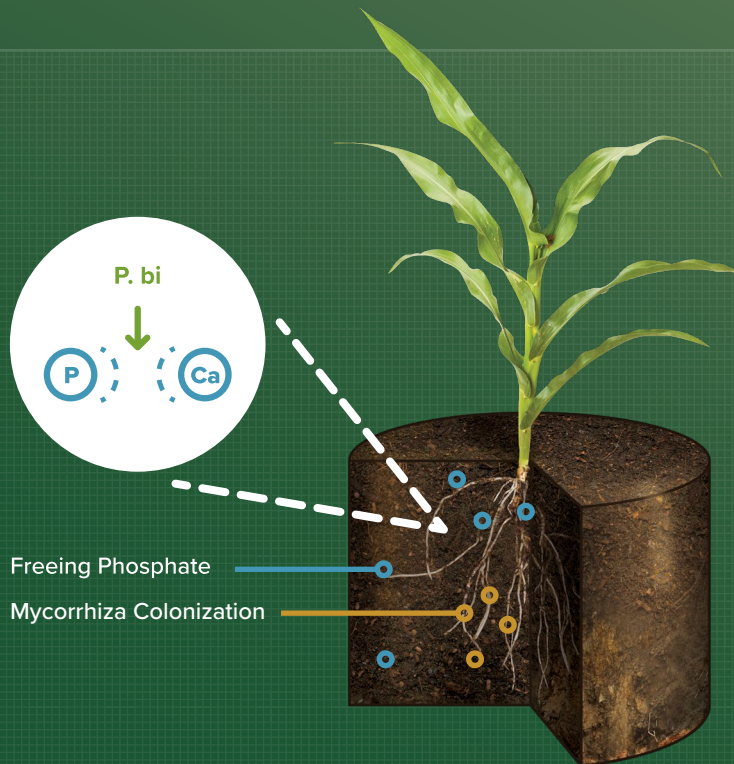
Enhanced mycorrhizal colonization

- 2 The LCO (lipochitooligosaccharide) in Acceleron B-360 ST enhances mycorrhizal colonization.

P.bi. = *Penicillium bilaiae*

P = Phosphate

Ca = Calcium



BENEFITS OF USING ACCELERON B-300 SAT + ACCELERON B-360 ST



Enhanced early vigour



Bolstered root and shoot development, supporting greater stress tolerance, and earlier, more uniform plant development



Increased yield potential



Improved phosphate availability



Increased functional root volume



Increased water and nutrient uptake through the roots

If you need more information or have any questions about Acceleron Seed Applied Solutions, contact Acceleron BioAg™ toll free at **1-800-667-4944** or visit **acceleronSAS.ca**.

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