

OPTIMUM® ACREMAX® FAQ



Learn more about Pioneer® brand Optimum® AcreMax® corn with detailed answers on how the high yielding corn products deliver protection against insect pests with integrated refuge in the bag for ultimate grower simplicity to maximize yield on every acre.

Q: What is Optimum AcreMax?

A: Optimum AcreMax is an industry-leading corn trait technology offered in elite Pioneer genetics. The Pioneer brand Optimum AcreMax family of products are trusted by more growers in Canada than any other brand. Bred and tested in Western Canada, they provide growers with higher corn yields and strong agronomic performance with fast grain dry down and increased convenience for insect resistance management (IRM), providing multiple mode of action protection against above-ground insects.

Q: What are the benefits of Optimum AcreMax?

A: With the Pioneer brand Optimum AcreMax family of products, growers get locally tested, high-yielding corn products with integrated refuge within the bag for ultimate grower simplicity and convenience. The multiple mode of action trait provides improved control of above-ground insects, preventing feeding and maximizing yield and quality. With extensive product maturity choices of grain, silage and grazing options, you can find the hybrid that fits your operation and workload.

Q: Why is Optimum AcreMax corn the right choice for Western Canadian growers?

A: Pioneer currently has the earliest corn hybrids in market - the direct result of having two active corn breeding programs in Western Canada (Carman, Saskatoon), both focused on delivering early corn with fast dry down and high yields in a sound agronomic package. Across 35 corn products in Western Canada, Optimum AcreMax products have an average score of the following characteristics: Good Test Weight (6), Good Stalk and Root Strength (6), Very Good Fiber Digestibility (7) and Exceptional Starch Content (8).

Q: What insect pests does the Optimum AcreMax trait protect against?

A: Optimum AcreMax corn products provide in-plant, multiple-mode of action protection from above ground pests, including European corn borer, fall armyworm and black cutworm. Products such as Optimum® AcreMax® XTreme and Optimum® AcreMax® Leptra® also provide protection against corn earworm, corn rootworm and other insect pests found in Canada.

Q: Why is the Optimum AcreMax trait so effective against European corn borer?

A: Optimum AcreMax prevents insect feeding to maximize corn yields and profits. It contains a Bt trait with DNA from the bacterium *Bacillus thuringiensis*. Corn borer insects must consume the Bt corn plant material for the trait to be effective. Corn with Bt traits produce insecticidal Bt proteins that are activated inside the midgut of specific target insect pests when they ingest Bt proteins from the corn plant material.

Q: Why is Optimum AcreMax corn ideal for an integrated pest management plan?

A: Pioneer is committed to delivering integrated refuge products that provide growers with ultimate simplicity and convenience for insect resistance management. An integrated refuge solution with protection against corn borer right in the bag, Optimum AcreMax products bring multiple modes of action for insect protection, helping increase overall farm yields by reducing refuge and extending the durability of important traits.



More questions? Talk to your Pioneer Sales Representative or visit pioneer.com/canada