Plant-Incorporated Protectant

X17 late blight protection
OECD Unique Identifier: SPS-ØX17-5

Active Ingredient:

The VNT1 protein product of the Rpi-vnt1 gene from plasmid pSIM1678.................<1.0x10^-5 %*
*Percent VNT1 protein expressed in fresh potato tubers.

KEEP OUT OF REACH OF CHILDREN

CAUTION

EPA Registration Number: 8917-2

EPA Establishment Number: 8917-ID-35

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DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any manner inconsistent with its labeling.

Potatoes with X17 late blight protection have been transformed to express the Rpi-vnt1 gene product, the VNT1 protein, for protection against foliar late blight caused by Phytophthora infestans. Controlled P. infestans strains include US-8, US-22, US-23, and US-24.

Under this registration, X17 late blight protection may be used for conventional breeding with non-PIP potatoes not regulated by EPA to develop new potato varieties containing VNT1 and the genetic material necessary for its production (pSIM1678 T-DNA).

This plant-incorporated protectant may be combined through conventional breeding with registered PIPs that are similarly approved for use in combination with registered PIPs to produce new potato varieties with combined pesticidal traits.
INTEGRATED PEST MANAGEMENT

Best management practices are recommended when using X17 late blight protection. Examples of appropriate BMPs include:

- using certified seed;
- crop rotation, including avoidance of planting to fields with infected potato volunteers;
- sanitizing seed-cutting equipment;
- monitoring late blight alerts;
- scouting for late blight lesions;
- killing vines prior to harvest if the crop will be stored; and
- destroying cull piles.

In order to prolong trait durability, late blight fungicide use may be recommended. Read the Late Blight Integrated Pest Management Guide for Innate® Generation 2 Varieties and follow the recommended number of fungicide applications.