

06-APR-2009  
2007-5722

**Nufarm**

**BlightBan C9-1**

**COMMERCIAL**

Live Organism

**GUARANTEE:**

*Pantoea agglomerans* strain C9-1 ...  $1 \times 10^{11}$  CFU/g

Warning, contains the allergens milk and soy

**KEEP OUT OF REACH OF CHILDREN**

**READ THE LABEL BEFORE USING**

**KEEP FROZEN UNTIL READY TO USE**

POTENTIAL SENSITIZER

For use in suppressing fire blight of apples, pears, saskatoonberries, caneberries and non-bearing pome fruit nursery stock

REGISTRATION NO. 28392 PEST CONTROL PRODUCTS ACT

Nufarm Agriculture Inc.  
5507 First Street SE  
Calgary, Alberta T2H 1H9  
Tel: 1 403 253 8471

24 Hour Emergency Response Number 1-800-424-9300

Net Contents: (50 to 1000) grams

**PRECAUTIONS:**

**KEEP OUT OF REACH OF CHILDREN.**

May cause sensitization. Avoid contact with skin and eyes or clothing. Avoid breathing dust or spray mist. Workers (includes mixer/loader, applicators, and early-entry workers) must wear a long sleeved shirt, long pants, shoes plus socks, waterproof gloves and a NIOSH approved respirator with any N-95, R-95, P-95 or HE filter for biological products when mixing/loading or applying the product and during all clean-up/repair activities. Workers wearing appropriate PPE can enter treated areas during the restricted entry interval (REI) of 4 hours. Wash thoroughly with soap and water after handling. Remove contaminated clothing and follow manufacturers directions for cleaning/maintaining personal protective equipment (PPE) before reuse. If no such instructions are available use clothing detergent and hot water for cleaning all washable PPE. Keep and wash PPE separately from other laundry.

**FIRST AID:**

**If swallowed :** call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

**If inhaled :** move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

**If on skin or clothing:** take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

**If in eyes :** hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION:**

Treat symptomatically.

**ENVIRONMENTAL PRECAUTIONS:**

**DO NOT** apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs, ditches and wetlands), estuaries or marine habitats.

**DO NOT** contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

**DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty.

Airblast or Mist blower application: DO NOT direct spray above plants to be treated. Turn off outward pointing nozzles at row ends and outer rows. DO NOT apply when wind speed is greater than 16 km/h at the application site as measured outside of the treatment area on the upwind side.

DO NOT apply this product by air.

To reduce runoff from treated areas into aquatic habitats, consider the characteristics and conditions of the site before treatment. Site characteristics and conditions that may lead to runoff include, but are not limited to: heavy rainfall, moderate to steep slope, bare soil, poorly draining soil (e.g. soils that are compacted or fine textured such as clay).

Avoid application of this product when heavy rain is forecast.

Application of BlightBan C9-1 should be avoided on orchards abutting newly-planted conifer forestry blocks.

**STORAGE:**

Store frozen (-20° C), unopened, until ready to apply.  
Do not store for more than 15 months.

**DISPOSAL:**

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

**EMERGENCY TELEPHONE NUMBERS:**

For spills or transportation accidents, Chemtrec, 1-800-424-9300.

For health or environmental emergencies, ProSAR, 1-877-325-1840.

For product and use information, Nufarm Agriculture Inc., 1-800-868-5444.

**DIRECTIONS FOR USE:**

**DO NOT APPLY BY AIR**

**Fire Blight Suppression on Apples and Pears:**

**BlightBan C9-1** should be used in an integrated fire blight suppression program with Streptomycin 17.

Apply **BlightBan C9-1** at the rate of 370 - 500 g product per hectare in 1000 to 2000 litres of water per hectare with a maximum of three applications per crop season.

The first application should be made at 15-20% bloom followed by a second application at first petal fall to full bloom, and a third application at "rattail" bloom for pear, or post petal fall for apples. Ensure thorough coverage. Use the higher rate (500 g product/ha) under high disease pressures.

Spray solution should be used within 48 hours of mixing.  
Standard municipal chlorinated water does not significantly reduce efficacy.

**NOTE TO USER:**

**READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS:**

The **DIRECTIONS FOR USE** for this product for the use(s) described on this supplemental Label were developed by persons other than Nufarm Agriculture Inc. and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. Nufarm Agriculture Inc. itself makes no representation or warranty with respect to performance (efficacy) or crop tolerance (phytotoxicity) claims for this product when used on the crops listed on this Supplemental Label.

Accordingly, the Buyer and User assume all risks related to performance and crop tolerance arising, and agree to hold Nufarm Agriculture Inc. harmless from any claims based on efficacy or phytotoxicity in connection the uses described on this Supplemental Label.

**DIRECTIONS FOR USE:**

**Fire Blight Suppression on Saskatoonberries, Caneberries and non-bearing pome fruit nursery stock:**

Apply **BlightBan C9-1** at a rate of 370 – 500 g product per hectare in 1000 to 2000 litres of water per hectare with a maximum of three applications per crop season.

The first application should be made at 15-20% bloom followed by a second application at full bloom, and a third immediately at post bloom. Ensure thorough coverage. Use the higher rate (500 g product/ha) under high disease pressures.

**NOTICE TO USER:**

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *PEST CONTROL PRODUCTS ACT* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

07-5723

\*\*\*\*\*

This label transcript service is offered by the Pest Management Regulatory Agency to provide efficient searching for label information. This service and this information do not replace the official hard-copy label. The PMRA does not provide any guarantee or assurance that the information obtained through this service is accurate, current or correct, and is therefore not liable for any loss resulting, directly or indirectly, from reliance upon this service.