

91/96

TRIDENT®

Biological Insecticide for Control of
Colorado Potato Beetle Larvae

READ THE LABEL BEFORE USING

GUARANTEE: Bacillus thuringiensis subspecies Tenebrionis
Potency of 3200 Tenebrionis units per milligram
(equivalent to 3.3 billion Tenebrionis units per litre)

AGRICULTURAL

REGISTRATION NO.: 21,626
PEST CONTROL PRODUCTS ACT

Net Contents: 20 Litres

Manufactured for:
SANDOZ
SANDOZ AGRO CANADA, INC.
Suite 302, Plaza 4
2000 Argentia Road
Mississauga, Ontario
L5N 1W1

SAFETY DISPOSAL
EPA Reg. No. 55947-131
EPA Est. No. 55947-CA-2

KEEP OUT OF REACH OF CHILDREN

CAUTION SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

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GENERAL

Trident is a biological insecticide specifically active against small larvae (first or second Instar) of the Colorado potato beetle. Trident will not provide control of older larvae and adults of the Colorado potato beetle. To achieve control of

these and other potato and tomato insect pests, use an appropriately labelled insecticide. Consult provincial Growers Guide for recommended products and rates.

MODE OF ACTION:

Trident is a stomach acting poison and must be eaten by larvae to be effective. Thorough foliage coverage is essential for best results. After ingestion of a sufficient dose of Trident, larvae stop feeding within a few hours and die within 2-5 days.

DIRECTIONS FOR USE

Trident should be applied against young larvae up to 0.5 cm (0.2 in) in length. Apply when egg hatch and larvae are first observed. Use an effective contact insecticide with rapid knockdown activity to control older larvae (greater than 0.5 cm) and adult Colorado potato beetle. Thorough plant coverage and close attention to timing of application are essential for effective results.

Rate: Ground Application

Apply 10 - 14 L of Trident per hectare. Use the highest rate against heavy infestations of young larvae or where it is difficult to get good coverage. Reapply as necessary under a pest management program that includes close scouting.

CROP: Potatoes and Tomatoes.

Mixing and Application:

Shake or stir Trident prior to mixing to ensure uniform suspension. Fill spray tank $\frac{3}{4}$ full with water, add recommended amount of Trident, add remaining water. Maintain constant agitation. Use Trident spraying suspension within 72 hours. Reagitate before spraying. Apply the recommended rate of Trident in a minimum of 220 L of water per hectare. To promote thorough coverage, spray pressures of 450 kPa (65 psi) or more are recommended. Choose nozzles that promote thorough, even coverage of all foliage. Trident should be reapplied after significant rainfall or irrigation. Early morning application of Trident may enhance control due to the increased activity of the larvae at this time.

Trident must be eaten to be effective and good coverage of the potato foliage is essential. Air blast sprayers and conventional ground boom application of Trident perform equally well when water volume, spray pressure, swath width, and nozzle type have been selected for maximum coverage of the potato and tomato

foliage.

TANK MIX COMBINATIONS: Combinations with fungicides like Polyram DF1, Dithane M-45 80% WP2, Manzate 200 DF3, Manzate 200 WP3, or Bravo 5004 are recommended. No label dosage rate may be exceeded and the more restrictive label limitations and precautions should be observed. Before applying these combinations, read thoroughly all precautionary statements and other information on the fungicide label.

COMPATIBILITY TEST: Predetermine the compatibility of labelled tank mixes under local conditions by mixing small proportional quantities in advance. Add water in a small container and mix with the optional fungicide first, agitate the solution, then add Trident and remaining water. Maintain constant agitation.

If the final suspension does not form flakes, sludge gels, oily films or layers, then the test spray mix is compatible. Usually, incompatibility in any of the above described forms will occur within 5 minutes after mixing.

CAUTION AND FIRST AID:

KEEP OUT OF REACH OF CHILDREN. Avoid inhalation. Avoid contact with eyes, skin, open wounds or clothing. May cause skin irritation and skin reactions in certain individuals. Wear protective clothing (overalls and gloves) while using or handling this product. Remove contaminated clothing and wash before reuse. Discontinue use if reaction occurs.

If On Skin: Wash with plenty of soap and water. Get medical attention, if irritation persists.

If On Eyes: For eyes, flush with plenty of water for at least 15 minutes, and get medical attention if irritation persists.

GENERAL PRECAUTIONS:

Do not apply directly to water or wetlands.

STORAGE AND DISPOSAL:

Store in a cool dry place at temperatures between 5°C and 25°C. Activity may be impaired at elevated temperatures.

Do not contaminate water by cleaning of equipment or disposal of wastes. Do not contaminate feed or food by storage or disposal.

1. Rinse emptied container thoroughly and add rinsings to the spray mixture in the tank.

2. Follow provincial instructions for any required additional cleansing of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product and the cleanup of spills, contact the regional office of Conservation and Protection, Environment Canada.

NOTICE TO USER:

This control product is to be used only in accordance with the directions on this label. It is an offence under the PEST CONTROL PRODUCTS ACT to use a control product under unsafe conditions.

NOTICE TO BUYER:

Seller's guarantee shall be limited to the terms set out on label, and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

Sandoz
SANDOZ AGROCANADA, INC.

Lot. No.

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