

XenTari® WG is a leading biological Bt insecticide that controls a broad range of pests with proven control on tomato looper in greenhouses, as well as armyworm and diamondback moth control in conventional and organic operations.

XenTari® WG

Benefits

- Unique mode of action making it an excellent tool for managing resistance
- Immediately deters insects from feeding – death occurs within 1-3 days
- Excellent product to rotate with conventional insecticides
- Not harmful to bees or beneficial insects making it a great tool for spring feeding caterpillars
- Very low REI of 4 hours or until spray is dried

Registered crops

- | | | | |
|---------------------------------------|----------------------------------|--------------------------|-------------------------------|
| • Artichoke | • Chinese celery | • Greenhouse ornamentals | • Poppy seed |
| • Beans (dry and succulent) | • Fennel | • Hare's ear mustard | • Radish (including oriental) |
| • Brassica leafy greens | • Fruiting vegetables | • Herbs and spices | • Rhubarb |
| • Brassica vegetables (head and stem) | • Garden beets | • Hops | • Rutabaga |
| • Bulb vegetables | • Ginseng | • Horseradish | • Sea kale |
| • Camelina | • Grapes | • Kohlrabi | • Stone fruit |
| • Canola | • Greenhouse beans | • Leafy greens | • Sugar beets |
| • Cardoon | • Greenhouse cucumber | • Mustard seed | • Sweet potatoes |
| • Celery | • Greenhouse fruiting vegetables | • Oil radish | • Sweet rocket |
| • Celtuce | • Greenhouse lettuce | • Outdoor ornamentals | • Tobacco |
| | | • Pome fruit | • Tree nuts |
| | | | • Turnip |

For a complete list of all crops registered and what is included for each crop group refer to the label

General usage information

- Apply when insect pests are small (egg hatch to early instars) before crop damage occurs
- Apply in sufficient water volume for thorough crop coverage
- Use with a water pH 7 or lower
- Use a non-ionic surfactant for hard to wet foliage (such as cabbage or broccoli)
- XenTari is OMRI certified for use in organic production

Biological
insecticide

APPROVED FOR
ORGANIC PRODUCTION



Technical information

CHEMICAL CLASS

> Group II

ACTIVE INGREDIENTS

> *Bacillus thuringiensis subsp. aizawai*,
Strain ABTS-1857 (48.1%)

PACKAGING

> 24 x 500 g case

RAINFAST

> Avoid application when heavy rainfall is in the forecast

PCP

> 31557

 **Nufarm**
Grow a better tomorrow

Specific crop usage information

INSECT CONTROLLED

RATE

APPLICATION INFORMATION

ARTICHOKE

Beet armyworm Corn earworm	500-1,000 g/ha (202-404 g/ac.)	Apply sufficient spray volume to ensure uniform deposition on all plant surfaces Use 1,000L water/ha (404 L/ac.) to ensure full coverage but not to the point of runoff
-------------------------------	-----------------------------------	--

BEANS (dry and succulent)

Beet armyworm Corn earworm	500-1,000 g/ha (202-404 g/ac.)	Apply sufficient spray volume to ensure uniform deposition on all plant surfaces Mix with sufficient water to ensure full coverage but not to the point of runoff
-------------------------------	-----------------------------------	--

BRASSICA LEAFY GREENS, BRASSICA HEAD AND STEM VEGETABLES

Cabbage looper Cross-striped cabbageworm Diamondback moth Imported cabbageworm	500-1,000 g/ha (202-404 g/ac.)	Apply sufficient spray volume to ensure uniform deposition on all plant surfaces Recommended 500 L/ha (202 L/ac.)
--	-----------------------------------	--

BULB VEGETABLES – CHIVE, DAYLILY, ELEGANS HOSTA, FRITILLARIA, GARLIC, KURRAT, LADY'S LEEK, LEEK, LILY, ONIONS, SHALLOT, WILD LEEK

Leek moth	500-1,000 g/ha (202-404 g/ac.)	Apply sufficient spray volume to ensure uniform deposition on all plant surfaces Recommended 1,000 L/ha (404 L/ac.)
-----------	-----------------------------------	--

CANOLA, CAMELINA, HARE'S EAR MUSTARD, MUSTARD SEED, OIL RADISH, POPPY SEED, SWEET ROCKET

Bertha armyworm Diamondback moths	500-1,000 g/ha (202-404 g/ac.)	Apply sufficient spray volume to ensure uniform deposition on all plant surfaces Recommended 500 L/ha (202 L/ac.)
--------------------------------------	-----------------------------------	--

CARDOON, CELERY, CHINESE CELERY, CELTUCE, FENNEL, RHUBARB, SEA KALE

Beet armyworm Cabbage looper	500-1,000 g/ha (202-404 g/ac.)	Apply sufficient spray volume to ensure uniform deposition on all plant surfaces Recommended 500 L/ha (202 L/ac.)
---------------------------------	-----------------------------------	--

FRUITING VEGETABLES

Beet armyworm Cabbage looper Tobacco budworm Tomato fruitworm	500-1,000 g/ha (202-404 g/ac.)	Apply every 5-7 days Use 500-1,000 L/ha (202-404 L/ac.) to ensure full coverage, but not to the point of runoff
--	-----------------------------------	--

GARDEN BEETS, SUGAR BEETS, INCLUDING LEAVES

Beet armyworm Beet webworm	500-1,000 g/ha (202-404 g/ac.)	Apply sufficient spray volume to ensure uniform deposition on all plant surfaces Recommended 500 L/ha (202 L/ac.)
-------------------------------	-----------------------------------	--

GINSENG

Oblique-banded leafroller	500-1,000 g/ha (202-404 g/ac.)	Apply sufficient spray volume to ensure uniform deposition on all plant surfaces Recommended 500 L/ha (202 L/ac.)
---------------------------	-----------------------------------	--

GRAPE

Grape berry moth Grape leafroller Grape leaf folder Grapeleaf skeletonizer Oblique-banded leafroller Omnivorous leafroller	500-1,000 g/ha (202-404 g/ac.)	Begin applications at "black head stage" of eggs, 2 days before larvae hatch May be repeated if needed every 7-10 days up to 6 applications per year
---	-----------------------------------	---

INSECT CONTROLLED

RATE

APPLICATION INFORMATION

GREENHOUSE BEANS

Beet armyworm Cabbage looper Corn earworm Tomato looper	500-1,000 g/ha (202-404 g/ac.)	Apply with sufficient water to ensure full coverage, but not to the point of runoff
--	-----------------------------------	---

GREENHOUSE CUCUMBER

Beet armyworm Cabbage looper Corn earworm Tomato looper	500-1,000 g/ha (202-404 g/ac.)	Apply with sufficient water to ensure full coverage, but not to the point of runoff
--	-----------------------------------	---

GREENHOUSE EGGPLANT, PEPPER, TOMATO

Beet armyworm Cabbage looper Tobacco budworm Tomato fruitworm Tomato leafminer Tomato looper	500-1,000 g/ha (202-404 g/ac.)	Apply with sufficient water to ensure full coverage, but not to the point of runoff
---	-----------------------------------	---

GREENHOUSE LETTUCE

Beet armyworm Cabbage looper Corn earworm Tomato looper	500-1,000 g/ha (202-404 g/ac.)	Apply with sufficient water to ensure full coverage, but not to the point of runoff
--	-----------------------------------	---

GREENHOUSE ORNAMENTALS

Beet armyworm Corn earworm Tomato looper	750-1,000 g/ha (303-404 g/ac.)	Apply with sufficient water to ensure full coverage, but not to the point of runoff
--	-----------------------------------	---

HERBS AND SPICES

Beet armyworm Cabbage looper	500-1,000 g/ha (202-404 g/ac.)	Apply sufficient spray volume to ensure uniform deposition on all plant surfaces Recommended 500 L/ha (202 L/ac.)
---------------------------------	-----------------------------------	--

HOPS

Hop looper	500-1,000 g/ha (202-404 g/ac.)	Apply at first sign of infestation when larvae are small Use with sufficient water to ensure full coverage, but not to the point of runoff
------------	-----------------------------------	---

KOHLRABI

Cabbage looper Cross-striped cabbageworm Diamondback moth Imported cabbageworm	500-1,000 g/ha (202-404 g/ac.)	Apply sufficient spray volume to ensure uniform deposition on all plant surfaces Recommended 500 L/ha (202 L/ac.)
--	-----------------------------------	--

LEAFY GREENS

Beet armyworm Cabbage looper	500-1,000 g/ha (202-404 g/ac.)	Apply sufficient spray volume to ensure uniform deposition on all plant surfaces Recommended 500 L/ha (202 L/ac.)
---------------------------------	-----------------------------------	--

OUTDOOR ORNAMENTALS

Corn earworm Beet armyworm Tomato looper	750-1,000 g/ha (303-404 g/ac.)	Apply with sufficient water to ensure full coverage, but not to the point of runoff
--	-----------------------------------	---

INSECT CONTROLLED RATE APPLICATION INFORMATION

POME FRUIT

Cankerworms Codling moth Fruittree leafroller Oblique-banded leafroller Oriental fruit moth Redbanded leafroller Tufted apple budworm Varigated leafroller Winter moth	500-1,600 g/ha (202-648 g/ac.)	Apply using 500-1,600 L/ha (202-648 L/ac.) at pink stage and if populations are heavy at petal fall If egg hatch is asynchronous weekly applications may be necessary Follow general application instructions if multiple applications are needed
--	-----------------------------------	---

ROOTS, TUBERS AND LEAVES OF HORSERADISH, RADISH, ORIENTAL RADISH, RUTABAGA, TURNIP (cultivars, varieties and hybrids of these)

Cabbage looper Cross-striped cabbageworm Diamondback moth Imported cabbageworm	500-1,000 g/ha (202-404 g/ac.)	Apply sufficient spray volume to ensure uniform deposition on all plant surfaces Recommended 500 L/ha (202 L/ac.)
---	-----------------------------------	--

STONE FRUIT

Cankerworms Varigated leafroller Fruittree leafroller Oblique-banded leafroller Oriental fruit moth	500-1,600 g/ha (202-648 g/ac.)	Apply using 500-1,600 L/ha (202-648 L/ac.) at pink stage and if populations are heavy at petal fall If egg hatch is asynchronous weekly applications may be necessary Follow general application instructions if multiple applications are needed
---	-----------------------------------	---

SWEET POTATOES

Beet armyworm	500-1,000 g/ha (202-404 g/ac.)	Apply sufficient spray volume to ensure uniform deposition on all plant surfaces Recommended 500 L/ha (202 L/ac.)
---------------	-----------------------------------	--

TOBACCO

Beet armyworm Tobacco budworm Tomato fruitworm	500-1,000 g/ha (202-404 g/ac.)	Apply every 5-7 days Use 500-1,000 L/ha (202-404 L/ac.) to ensure full coverage, but not to the point of runoff
--	-----------------------------------	--

TREE NUTS

Cankerworms Codling moth (on walnuts, heartnuts and butternuts) Fruittree leafroller Oblique-banded leafroller Varigated leafroller	500-1,600 g/ha (202-648 g/ac.)	Apply using 500-1,600 L/ha (202-648 L/ac.) at pink stage and if populations are heavy at petal fall If egg hatch is asynchronous weekly applications may be necessary Follow general application instructions if multiple applications are needed
---	-----------------------------------	---



1.800.868.5444 | Nufarm.ca | NufarmHortCA

Always read and follow the product label for more detailed information on control of weeds, insects or disease, application directions, and use precautions. Please refer to label for more information including future label expansions that may include new crops, pests and use patterns. Please refer to product label for re-entry periods.

Always read and follow label directions.

XenTari® is a registered trademark of Valent BioSciences LLC. Nufarm Agriculture Inc. is a distributor of Valent Canada Inc. products in Canada.

73346-01/21

