

NEMATICIDE

NIMITZ® 480 EC

A fast-acting contact nematicide, Nimitz® 480 EC is a revolutionary new management option for controlling root-knot and root lesion nematodes in fruiting vegetables and cucurbits.

**ACTIVE INGREDIENT**

Fluensulfone

CHEMISTRY GROUP

Unclassified

APPLICATION RATES AND PACKAGING

- 1.62–3.24 L/ac
- 2 x 9.46 L

REGISTERED CROPS:

- Cucumbers
- Eggplant
- Melons (cantaloupes, watermelon, honeydew)
- Okra
- Peppers (bell, non-bell)
- Squash
- Tomatoes (except small tomatoes)

KEY INSECTS CONTROLLED:

- Root-knot nematodes (*Meloidogyne* spp.)
- Root lesion nematodes (*Pratylenchus* spp.)

HOW IT WORKS:

Fluensulfone is a true nematicide that kills the target by contact, rather than temporary paralysis activity as seen with older organophosphate and carbamate chemistry. Nimitz 480 EC has rapid activity. After 1 hour of exposure, nematodes cease feeding, become paralysed and complete mortality is achieved within 24–72 hours. Any nematode eggs laid after exposure to Nimitz 480 EC are likely to be unviable, or if juveniles do hatch, they do not survive.

APPLICATION TIMING AND CROP STAGING:

Applications can be broadcast incorporated, banded and incorporated, or applied by drip (trickle) chemigation. Apply at a rate of 1.62–3.24 L/ac a minimum of 7 days before transplanting. Soil applications should be applied only in accordance with directions and conditions of use described in this labeling. Treated areas can be covered with plastic or left uncovered according to planting practices. Nimitz 480 EC does not provide residual control of nematodes. Do not apply more than 1 application per crop and no more than 8 L of product per hectare (3.24 L/ac), per year (365 days).

WATER VOLUME:

120 L/ac

RAINFASTNESS:

Not applicable.

NIMITZ[®] 480 EC

SUPPORTED TANK MIXES:

Do not apply Nimitz[®] 480 EC with any other product before testing for physical and chemical compatibility of the mixture. To determine compatibility, pour the recommended proportions of the product(s) into a suitable container. After mixing, wait for 30 minutes and check to see if the product remains mixed. If the product remains mixed, it is considered physically compatible.

MIXING INSTRUCTIONS:

1. Add the recommended amount of Nimitz 480 EC to the water in the spray tank and mix well.
2. Continue agitation at frequent intervals during application.
3. If Nimitz 480 EC is to be mixed with other products or fertilizers, the physical compatibility of the mixture should be tested as described above prior to use.

CROP ROTATIONS:

Do not plant any crops not on this label into treated land for 365 days after application of the product.

GRAZING RESTRICTIONS

Do not feed treated commodities or any residual plant material to animals.

STORAGE

- Store the product in closed original container in a well-ventilated room at temperatures of 0 C to 37 C (32 F to 100 F).
- Keep out of reach of children, unauthorized persons and animals.
- Store separate from food, feed and fertilizer.

QUICK TIPS:

Soil moisture should be adequate for uniform mechanical incorporation and to support seed germination or plant growth. For optimal performance, all applications must be incorporated by water and/or mechanical means to a depth of 15–20 cm. Resume a normal irrigation schedule immediately after transplanting.