

DELIVERING MORE SOLUTIONS FOR GREENHOUSE VEGETABLE CROPS.

Nufarm offers one of the largest greenhouse product lines in the industry, including vegetable crop protection. Find the solutions you need all in one place, from the people you trust.

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Grow a better tomorrow

INSECTICIDES

DiPel[®] PRO DF

BIOLOGICAL INSECTICIDE DRY FLOWABLE



Widely used DiPel[®] PRO DF delivers outstanding worm control while being friendly to workers, the environment, and beneficial insects.

EPA REG. NO.	73049-39
ACTIVE INGR.	Bacillus thuringiensis (54%)
REI	4 hours
FORMULATION	dry flowable
APPLICATION	spray
SIGNAL WORD	caution
PACKAGE SIZE	1 lb case (30/case)

KEY USES
Edibles, herbs and spices, vegetables

KEY PESTS CONTROLLED
Lepidopterous worms (armyworms, loopers, budworms, leafrollers and many other worms)

Engulf[™] GHN

GREENHOUSE AND ORNAMENTAL MITICIDE

Engulf[™] GHN delivers up to 28 days of control to 18 common mites. It's beneficial-friendly and complements proven Minx 2 and TetraSan 5 WDG to form our most powerful mite program yet.

EPA REG. NO.	228-748
ACTIVE INGR.	bifenazate (43.2%)
REI	12 hours
FORMULATION	soluble concentrate
APPLICATION	spray
SIGNAL WORD	caution
PACKAGE SIZE	16 fl oz (8/case)

KEY USES
Indoor grown tomatoes

KEY PESTS CONTROLLED
Mites

Mallet[®] 2F T&O

Mallet[®] 2F T&O is the standard for soil-based insect control programs. Use on indoor and outdoor ornamentals (includes greenhouse and interior plantscapes) for long-residual, upward systemic control of piercing and sucking pests.

EPA REG. NO.	228-695
ACTIVE INGR.	imidacloprid (21.4%)
REI	12 hours
FORMULATION	liquid
APPLICATION	spray, drench
SIGNAL WORD	caution
PACKAGE SIZE	1 gal (4/case), 2.5 gal (2/case)

KEY USES
Edibles, fruit and nut trees, ornamental and vegetable plants in greenhouse, nursery and interior plantscapes

KEY PESTS CONTROLLED
Aphids, leafminers, mealybugs, scales, whiteflies

TetraSan[®] 5 WDG

MITICIDE/OVICIDE

With excellent translaminar movement and outstanding residual activity, TetraSan[®] 5 WDG affects spider mites at all life stages without harming most beneficial insects.

EPA REG. NO.	59639-108
ACTIVE INGR.	etoxazole (5%)
REI	12 hours
FORMULATION	water-dispersible granule
APPLICATION	spray
SIGNAL WORD	caution
PACKAGE SIZE	2 oz WSP packet (8/case)

KEY USES
Indoor grown tomatoes

KEY PESTS CONTROLLED
Spider mites

Distance[®]

INSECT GROWTH REGULATOR

Distance[®] IGR breaks the life cycle of whiteflies, fungus gnats and other insects, providing growers with a resistance management tool that effectively controls harmful insects.

EPA REG. NO.	59639-96
ACTIVE INGR.	pyriproxyfen (11.23%)
REI	12 hours
FORMULATION	emulsifiable concentrate
APPLICATION	spray, drench, spreng
SIGNAL WORD	caution
PACKAGE SIZE	.5 gal squeeze-and-measure (4/case)

KEY USES
Fruiting vegetables

KEY PESTS CONTROLLED
Fungus gnats, leafminers, shore flies, whiteflies

Gnatrol[®] WDG

BIOLOGICAL LARVICIDE



Gnatrol[®] WDG offers highly selective, effective control of fungus gnat larvae, especially for those growers concerned with worker safety and resistance management. Plus, the broad label includes ornamentals, bulb crops, bedding plants and vegetables.

EPA REG. NO.	73049-56
ACTIVE INGR.	Bacillus thuringiensis (37.4%)
REI	4 hours
FORMULATION	water-dispersible granule
APPLICATION	chemigation, drench, drip
SIGNAL WORD	caution
PACKAGE SIZE	16 lb pail

KEY USES
Edibles, vegetable plants

KEY PESTS CONTROLLED
Fungus gnat larvae

Safari[®]

20 SG INSECTICIDE

Safari[®] 20 SG is a super-systemic insecticide that quickly knocks down a broad spectrum of pests – including Q- and B-biotype whiteflies – with unsurpassed residual control.

EPA REG. NO.	86203-11-59639
ACTIVE INGR.	dinotefuran (20%)
REI	12 hours
FORMULATION	water-soluble granule
APPLICATION	spray
SIGNAL WORD	caution
PACKAGE SIZE	12 oz bottle (16/case), 3 lb bottle (4/case)

KEY USES
Vegetable transplants grown in enclosed structures

KEY PESTS CONTROLLED
Aphids, leafminers, mealybugs, thrips, whiteflies (including Q- and B-biotypes)

TriStar[®] 8.5 SL

TriStar[®] 8.5 SL provides excellent control of a wide range of ornamental pests. Its contact, systemic and translaminar activity provides a fast-acting, low-odor and residual foliar spray for indoor and outdoor ornamentals (includes greenhouse and interior plantscapes).

EPA REG. NO.	8033-106-1001
ACTIVE INGR.	acetamiprid (8.5%)
REI	12 hours
FORMULATION	liquid
APPLICATION	spray
SIGNAL WORD	caution
PACKAGE SIZE	1 qt (4/case), 1 gal (4/case)

KEY USES
Cucurbit vegetables, edibles, fruiting vegetables, vegetables

KEY PESTS CONTROLLED
Aphids, leafminers, mealybugs, scales, thrips, whiteflies

PROVEN DEFENSE FOR GREENHOUSE & NURSERY

DISEASE MATRIX	3336® EG 3336® F	AFFIRM™ WDG†	AGRI-MYCIN® 50	CUPROXAT® FL	SPIRATO® GHN	PHOSTROL®	PROTECT™ DF
MODE OF ACTION	1	19	25	M1	12	33	M3
Alternaria	★★	★★★	N/A	★★★	★★★★	N/A	★★★
Anthracnose	★★★	★★★	N/A	★★	★★★	N/A	★★★
Aschochyta Blights	★★★★	★★★★	N/A	N/A	N/A	N/A	★★★
Bacteria	N/A	N/A	★★★	★★★	N/A	N/A	★★★
Bacteria Blight Xanthomonas campestris	N/A	N/A	★★★	★★★	N/A	N/A	★★★★
Rose Black Spot Diplocarpon	★★★	★★★★	N/A	★★★	N/A	N/A	★★★★
Botrytis	★★★★	★★★★	N/A	★★★	★★★	N/A	★★★★
Cercospora	★★★★	N/A	N/A	★★	★★★	N/A	★★★
Curvularia	★★	★★★★	N/A	N/A	N/A	N/A	★
Cylindrocladium	★★★	★★★	N/A	N/A	★★★★	N/A	★★
Downy Mildew	N/A	★★	N/A	★★★	N/A	★★★	★★★
Drechslera Ink Spot	★★	★★★★	N/A	N/A	N/A	N/A	★★
Fusarium	★★★	★	N/A	N/A	★★★	N/A	N/A
Helminthosporium Leaf Spot	★★	★★★★	N/A	N/A	N/A	N/A	★★
Leaf Spot/Blight	★★★	★★★★	N/A	★★★	N/A	N/A	★★★
Phytophthora	N/A	N/A	N/A	N/A	N/A	★★†	★
Powdery Mildew	★★	★★★★	N/A	★★★	N/A	N/A	N/A
Pythium	N/A	N/A	N/A	N/A	N/A	★★†	N/A
Rhizoctonia Leaf	★★★	★★★★	N/A	N/A	★★★	N/A	★★★
Rhizoctonia Root/Crown	★★★	★★★	N/A	N/A	★★★★	N/A	★
Rusts	★★★★	N/A	N/A	★★★	N/A	N/A	★★★★
Thielaviopsis	★★★	★★★★	N/A	N/A	★★★★	N/A	★
Scabs Fusicladium, Venturia	★★★★	★★★★	N/A	★★★	N/A	N/A	★★★
RE-ENTRY INTERVAL (hours)	12	4	12	24/48	12	4	24

INSECT MATRIX	DIPEL® PRO DF	DISTANCE® IGR	ENGULF™ GHN GREENHOUSE AND ORNAMENTAL MITTIDE	GNATROL® WDG	MALLET® 2F T&O	SAFARI® 20 SG	TETRASAN® 5 WDG	TRISTAR® 8.5 SL
MODE OF ACTION	11A	7C	20D	11A	4A	4A	10B	4A
Adelgids	N/A	N/A	N/A	N/A	★★★★	★★★★	N/A	★★★
Ants (imported red fire ants)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aphid	N/A	★	N/A	N/A	★★★★	★★★★	N/A	★★★★
Bagworms	N/A	N/A	N/A	N/A	N/A	★★	N/A	N/A
Beetles	N/A	N/A	N/A	N/A	★★★★	★★	N/A	★★★★
Borers	N/A	N/A	N/A	N/A	★★★★	★★★★	N/A	N/A
Fungus gnat	N/A	★★★★	N/A	★★★★	N/A	★★★★	N/A	★★
Lacebugs	N/A	N/A	N/A	N/A	★★★★	★★★★	N/A	N/A
Leafhopper	N/A	N/A	N/A	N/A	★★★★	★★★★	N/A	★★★★
Leafminer	N/A	★★★★	N/A	N/A	★★★★	★★★★	N/A	★★★★
Lepidopterous worms (caterpillars)	★★★★	N/A	N/A	N/A	N/A	N/A	N/A	★★
Mealybug	N/A	★	N/A	N/A	★★★★	★★★★	N/A	★★★★
Psyllids	N/A	N/A	N/A	N/A	★★★★	★★★★	N/A	★★★★
Scale, armored	N/A	★★	N/A	N/A	★	★★★★	N/A	★★★★
Scale, soft	N/A	★★★★	N/A	N/A	★★	★★★★	N/A	★★★★
Shore fly	N/A	★★	N/A	N/A	N/A	N/A	N/A	N/A
Spider mite	N/A	N/A	★★★★	N/A	N/A	N/A	★★★★	N/A
Tarsonemid mite	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Thrips	N/A	N/A	N/A	N/A	★	★	N/A	★★★
Whitefly	N/A	★★★★	N/A	N/A	★★★★	★★★★	N/A	★★★★
RE-ENTRY INTERVAL (hours)	4	12	12	4	12	12	12	12

★★★★ EXCELLENT ★★★ VERY GOOD ★★ GOOD ★ FAIR N/A NOT APPLICABLE
† Cleary Chemical, LLC is a wholly owned subsidiary of Nufarm.



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Important: Always read and follow label instructions. For specific application rates, directions, mixing instructions and precautions, read the product label. Please visit www.nufarm.com/usturf to download a full label.

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