

FOR DISTRIBUTION AND USE ONLY IN THE STATE OF GEORGIA

**KNACK® INSECT GROWTH REGULATOR**

FOR USE ON TOMATOES

EPA Reg. No. 59639-95

EPA SLN No. GA-000001

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

**GENERAL:** KNACK Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. KNACK has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since KNACK is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

KNACK does exhibit translaminar movement in tomato leaves which means that KNACK applied to the upper surfaces of the leaves will move to the lower surface of the leaf. This translaminar movement is very important to chemical control of whitefly since one of the major obstacles is getting the product to the underside of the leaves where whitefly are present.

| CROP   | PESTS  | DOSAGE PER ACRE  | SPECIAL INSTRUCTIONS   |
|--|--|--|--|
| Tomato   | Sweetpotato / Silverleaf Whitefly  | 8 to 10 fl. oz.<br>(25 – 30 gms ai)  | <p><b>EARLY SEASON WHITEFLY PROGRAM:</b></p> <p>Apply with ground equipment in adequate water for uniform coverage (10 to 50 gals./A). Begin applications when whiteflies reach threshold levels per University/Extension recommendations.</p> <p><b>MID TO LATE SEASON WHITEFLY CONTROL PROGRAM:</b></p> <p>Apply with ground equipment for uniform coverage (20 to 120 gals./acre by ground or 5 to 10 gallons by air). Make application when scouting indicates whiteflies are present.</p> <p><b>HIGHER WATER VOLUMES MAY PROVIDE IMPROVED INSECT CONTROL.</b></p> <p>Under severe pressure, use the higher recommended rates.</p>   |
|  | Sweetpotato / Silverleaf Whitefly (immatures & adults)<br>Tomato Pinworm<br>Fruitworms<br>Potato Aphid<br>Thrips<br>Yellowstriped Armyworm | <p>8 fl. oz.<br/>(25 gms ai)</p> <p>+</p> <p>MONITOR® 4 Spray<br/>24 fl. oz.<br/>(0.75 lbs. ai)</p> <p>+</p> <p>DANITOL® 2.4 EC<br/>10 2/3 fl. Oz.<br/>(0.2 lbs. ai)</p> | <p><b>EARLY SEASON WHITEFLY CONTROL PROGRAM:</b></p> <p>Apply as a tank mix with ground equipment for uniform coverage (10 to 120 gals./acre). Make application when scouting first indicates adult whiteflies are on young plants. <b>NOTE:</b> This may result in treatment immediately following transplanting.</p> <p><b>MID TO LATE SEASON WHITEFLY CONTROL PROGRAM:</b></p> <p>Apply as a tank mix with ground equipment for uniform coverage (20 to 120 gals./acre by ground). Make application when scouting indicates whiteflies are present.</p> <p>If additional control is needed during this period, use an alternate insecticide registered for the target pest.</p> <p>KNACK may also be mixed or alternated with commonly used insecticides to comply with local IPM programs.</p> <p>Comply with all applicable directions, restrictions and precautions on the registered labels for MONITOR 4 Spray and DANITOL 2.4 EC.</p> |
| <p>Do not apply within 7 days of harvest.<br/>Do not exceed 20 fl. oz. (60 gms ai) KNACK per acre per season.<br/>Do not make more than two (2) KNACK applications per growing season.<br/>If two (2) applications are required, a minimum of 14 days is needed between applications.<br/>Only whole fields should be treated.</p> |  |  |  |

**MANAGING WHITEFLY RESISTANCE:** Repeated use of the same class of insecticides or insecticides with similar modes of action can lead to the buildup of resistant whitefly strains. To optimize resistance management practices, Valent U.S.A. Corporation is restricting KNACK Insect Growth Regulator applications to two applications per growing season. KNACK Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Valent also does not recommend using rates below 8 fl. oz. per acre for whitefly control because reduced rates can lead to a greater potential for resistance development. Follow local, state, and federal IPM and Integrated Resistance Management (IRM) recommendations. Read and follow all product labels before applying any insecticide.

\*\*\*\*\*

Follow all applicable directions, restrictions, and precautions on the EPA-registered label.

This labeling must be in the possession of the user at time of application.

FIFRA Section 24(c) Registrant: Valent U.S.A. Corporation  
P.O. Box 8025  
Walnut Creek, CA 94596

DANITOL® - Reg. TM of Sumitomo Chemical Company Ltd. for fenpropathrin insecticide-miticide.  
KNACK® - Reg. TM of Valent U.S.A. Corporation  
MONITOR® - Reg. TM of Valent U.S.A. Corporation