

TWIGA ACE[®] 20SL



A broad-spectrum systemic insecticide for the control of aphids, whiteflies, leafminers and thrips on frenchbeans, and roses; and squash beetles, aphids, whiteflies and thrips in cucurbits, russian wheat aphid and other cereal aphids in wheat, thrips, mealybugs, green scale and coffee leafminer in coffee

ACTIVE INGREDIENT:	Acetamiprid 200 g/litre
FORMULATION	Emulsifiable Concentrate.
REGISTRATION NO:	PCPB (CR) 0489
MODE OF ACTION	TWIGA ACE is a broad spectrum systemic insecticide which works by interfering with the nervous system of the insect leading to paralysis and eventually death.
SPECTRUM OF CONTROL	TWIGA ACE is a systemic insecticide for the control of biting and sucking insect pests (<i>Hemiptera</i> , <i>Thysanoptera</i> and <i>Lepidoptera</i>) on a wide range of crops.

Crop	Target Pest	Application Rate (Spray volume 1000 lt of Water)	Application Rate for Small Holders
French beans	Aphids, Whiteflies, thrips, leafminers	200-250 ml/ha	8ml /20Lt
Cucurbits	Squash beetles, Thrips, Aphids and Whiteflies	200 ml/ha	8ml /20Lt
Wheat,	Russian wheat aphids, other cereal aphids,	200-250 ml/ha	8ml /20Lt
Roses	Aphids, Thrips, Whiteflies, Leafminers	200 ml/ha	20ml in 100Lt of water
Coffee	Thrips, Mealybugs, Green scale, coffee leafminer	250 ml/ha	8ml /20Lt

For a 20 litre knapsack sprayer, use 4-8 ml of Twiga Ace depending on crop canopy.

METHOD OF APPLICATION TWIGA ACE is mainly applied by leaf surface spraying. Put a small quantity of water in the spray tank to the recommended quantity of TWIGA ACE and stir, then top up with water. Shake the product before pouring and thoroughly rinse the container and then add the rinsates to the spray mixture. Keep on agitating when filling and during spray operations.

COMPATIBILITY TWIGA ACE is compatible with most commonly used pesticides except those with alkaline reaction such as Bordeaux mixture and lime sulphur. However, DO NOT tank mix with any product unless your own prior testing has shown that the combination is physically compatible, effective and non-injurious under your conditions.

MAIN ADVANTAGES
Broad spectrum - Can be applied to a wide range of crops against many insect pests.
Excellent systemic and translaminar properties - Effective uptake ensures rainfastness and longer residual activity
long lasting effect - Due to long residual effect.
High potency - Less usage of active ingredient per unit area hence minimum chemical load in the environment.
Low toxicity - Non-teratogenic and non-mutagenic and well tolerated by plants.

AVAILABLE PACK SIZES 5LT, 1LT, 500ml, 100ml,

HANDLING PRECAUTIONS

- Do not smoke drink or eat while using this product.
- Avoid eye contact. Wear safety goggles when handling the product.
- Avoid spray mist and exposure to the product. Wear rubber gloves, mask covering nose and mouth. Wear protective clothing such as long sleeved shirts, long pants and rubber boots when handling the product.
- After application wash yourself and your work clothes.
- Do not enter treated area within 24 hours of application unless protective clothing is worn.

ENVIRONMENT AND WILDLIFE The product is toxic to fish and aquatic invertebrates. Do not contaminate water sources and supplies by disposal of product waste. Keep livestock out of treated areas. TWIGA ACE 20SL is toxic to natural enemies and beneficial insects such as bees and wasps. Do not apply when bees are actively foraging.

FIRST AID INSTRUCTIONS

In case of eye contact: Flush the eyes with running water for at least 15 minutes while holding eyelids open to help flush out material. Contact a physician immediately.

In case of skin contact: Wash contaminated skin with soap and plenty of water. Remove contaminated clothing. If skin irritation persists, contact a physician immediately.

In case of inhalation: Remove the patient away from contaminated area and place the patient in a well-ventilated area and give artificial respiration. Keep warm and at rest. Consult a doctor.

In case of ingestion: If small amount is swallowed, drink plenty of water and induce vomiting. Repeat until fluid is clear. If a large amount is ingested (i.e. one mouthful), induction of vomiting should be considered if patient is fully conscious and less than 30 minutes has elapsed since ingestion. Never give anything by mouth to an unconscious person. Contact a physician immediately.



LEADERS IN CROP PROTECTION

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