

# MACHO<sup>®</sup> 2.0 FL

**BROAD-SPECTRUM, SYSTEMIC INSECTICIDE THAT PROVIDES EFFECTIVE, ECONOMICAL CONTROL OF A RANGE OF INSECTS.**

Macho<sup>®</sup> 2.0 FL is a systemic soil- and foliar-applied insecticide that provides economical control of a wide range of insects in a variety of crops. When applied to the soil, moves from the plant's root system to the upper vegetative parts via the xylem tissue. This results in extended insecticidal activity to control pests that can vector detrimental virus transmission. Macho<sup>®</sup> 2.0 FL can be applied to a variety of crops to provide selective control of many key piercing, sucking insects.

## PRODUCT FEATURES

- Offers outstanding, long-lasting control of aphids, Colorado potato beetles, leafhoppers, mealybugs, whiteflies and many other piercing, sucking insects.
- May be applied by ground, aerial or chemigation systems for the reduction and prevention of virus transmission by insects.
- Systemic in nature which allows for continuous movement throughout all vegetative parts of the plant for an extended period.

See label for complete application guidelines and restrictions.



### ACTIVE INGREDIENT

2.0 lbs/gal imidacloprid

### IRAC GROUP

4A

### FORMULATION

Suspension concentrate

### REI

12 hours (refer to label for exceptions for soil injection and soil incorporation)

### COMPARE TO

Admire<sup>®</sup> Pro

### MODE OF ACTION

Nicotinic acetylcholine receptor competitive modulator

### SIGNAL WORD

Caution

### RESTRICTED USE

No

### PACKAGING

8 x 1 pt, 4 x 1 gal

### EPA REG NUMBER

42750-110 | AD121913



# MACHO<sup>®</sup> 2.0 FL

## FREQUENTLY ASKED QUESTIONS

### How should Macho 2.0 FL be used in soil applications for best results?

- Best results are achieved when applications are made to the root-zone of plants.
- Use the higher specified rate when insecticidal pressure occurs later in the plant's development cycle or when insect pressure is heavy and/or continuous.
- Pre-mix Macho 2.0 FL with water or other appropriate diluents prior to application. Maintain constant agitation to avoid settling.
- Do not apply more than 0.50 lb. active ingredient per acre, per year, regardless of formulation or method of application, unless specified within a crop-specific, "Applications" section for a given crop.
- Despite the systemic nature of Macho 2.0 FL, it usually does not control insects that infest flowers, blooms or fruit. Insects attacking these parts of a plant generally require a foliar-type insecticide application.

### How should Macho 2.0 FL be used in foliar applications for best results?

- Thorough coverage of foliage without runoff is required for maximum insecticidal efficacy. Use of a spray adjuvant may enhance thorough coverage.
- Apply at a minimum of 10 gpa by ground or 5 gpa by air.
- DO NOT apply foliar applications of Macho 2.0 FL in enclosed structures such as greenhouses or planthouses.
- Do not exceed application of more than 0.5 lb. active ingredient per acre, per year, regardless of formulation or method of application, unless specified within a crop specific rate applications section for a given crop.

### What rotational restrictions should be observed when using Macho 2.0 FL?

- Treated areas may be replanted with any crop specified on an imidacloprid label, or any crop for which a tolerance exists for the active ingredient, as soon as practical following the last application.
- All crops on the Macho 2.0 FL label, plus barley, canola, cardoon, Chinese celery, corn (field, sweet and pop), rapeseed, sorghum, sugar beet, and wheat have no plantback restrictions.
- For cereal crops including buckwheat, millet, oats, rice, rye, and triticale, as well as safflower, observe a 30-day plantback interval.
- For crops not listed on an imidacloprid label, or for crops for which no tolerances for the active ingredient have been established there is a 12-month plantback interval.

**APPLICATION RESTRICTIONS EXIST FOR THIS PRODUCT BECAUSE OF RISK TO BEES AND OTHER INSECT POLLINATORS. FOLLOW APPLICATION RESTRICTIONS FOUND IN THE DIRECTIONS FOR USE TO PROTECT POLLINATORS.**



◀ See label for complete application guidelines and restrictions.

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