**GARLIC OIL-BASED TECHNOLOGY**

AlliCURB™ is a garlic oil-based, insecticide, miticide and a powerful repellent that controls and repels a wide range of pests such as lepidopteran pests and other soft-bodied insects on a variety of specialty crops. The powerful effect of AlliCURB comes from its complex formulation designed with insecticidal soap and unique garlic oil composed of a high amount of organosulfur active compounds that give AlliCURB its set of modes of action.

AlliCURB plays a major role in IPM Programs limiting the likelihood of target pests developing pesticide resistance with a minimal impact on beneficial insects and the environment.

**THE DIFFERENCES**
- Highly selected garlic oil source and screening of biologically active compounds
- Strong understanding of the actives and relative concentrations
- Effective formulation development with consistent performance.

**ACTIVE INGREDIENT:**
- **Garlic Oil** ..........................2.2%

Other ingredients:
- **Water, Potassium Oleate**........97.8%

Total .......................................100.00%

**TARGET PESTS CONTROLLED:** Broad-spectrum control, including but not limited to mites, aphids, beetles (larvae or early stages), caterpillars (early stages), moths, flies (maggot stage), leafhoppers, mealybugs, psyllids, scales (crawler stage), thrips, and whiteflies.

**MODES OF ACTION**

- **CONTACT EFFECT**
  - Desiccation: AlliCURB lipophilic plant oil and its insecticidal soap kills the insect pest by degrading the waxy cuticle causing dehydration.

- **OLFACTORY EFFECT**
  - Antifeedant Deterrent: AlliCURB discourages the pest from feeding, preventing future leaf damage.

- **PEST BEHAVIORAL PERTURBATOR - ADULT MATING DISRUPTER**
  - AlliCURB affects the pest’s odor-binding receptors that interfere with the way that adult male and female locate each other, decreasing the likelihood of successful reproduction.

- **PEST BEHAVIORAL PERTURBATOR - ANTI-OVIPSITON ACTIVITY**
  - AlliCURB disrupts the adult female pest from laying eggs on the leaf, preventing future infestation break out.

- **REPELLENT EFFECT**
  - AlliCURB interferes with the pest’s sensing faculties, disguising the odor signal emitted by crops, hence keeping them away and limiting chances of their establishment on crops.

**No Phytotoxicity Observed**
**Compatible With Most of Beneficials**
**FIFRA 25(b) Exempt**
**OMRI Listed**
**For Organic Use**

**Convenient to Use**
**Workers Safety**
**No Sensory Impact**
**MRL Exempt**
**Excellent Pest Resistance Management Tool**
DIRECTIONS FOR USE
Integrated Pest Management

ALWAYS READ AND FOLLOW LABEL DIRECTIONS | SHAKE WELL BEFORE USE | MUST BE DILUTED BEFORE USING | USE DILUTION IMMEDIATELY | DO NOT STORE DILUTED SOLUTION

APPLICATION TYPES: GROUND – AERIAL – CHEMIGATION
FOR FOLIAR APPLICATION: Use most common ground application equipment, such as tractor mounted boom, air-blast high clearance, hose-end, backpack, etc. For best results, a sufficient spray volume and an adequate spray pressure are needed to ensure complete and thorough coverage of all plant surfaces including both the top and bottom of the leaves.

APPLICATION TIMING:
• Start applications at the first appearance of pests. Do not wait until plants are heavily infested
• Early morning or late afternoon
• At any time up to and including the day of harvest

APPLICATION FREQUENCY: Repeat as needed to maintain the desired level of control with a 5-day minimum interval.

TANK MIX: CAN BE APPLIED ALONE OR IN COMBINATION AND/OR ROTATION WITH CHEMICAL INSECTICIDES. AlliCURB is compatible with most commonly used insecticides and miticides, but a jar test for compatibility and phytotoxicity is recommended before using. Follow the strictest label directions.

pH: Do not lower the pH of the final spray mixture below 8.0.

APPLICATION RATES:
• Rates for 100 gallons of water per acre
• A minimum of 100 gallons of finished solution to treat one acre is recommended

<table>
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<tr>
<th>PREVENTATIVE</th>
<th>LOW PRESSURE</th>
<th>MODERATE PRESSURE</th>
<th>HIGH PRESSURE</th>
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<tbody>
<tr>
<td>&lt; Economic threshold</td>
<td>At economic threshold</td>
<td>&gt; Economic threshold</td>
<td>At rescue</td>
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<tr>
<td>0.125% 0.25% 0.375% 0.4375%-0.5%</td>
<td>16 fl. oz 32 fl. oz 48 fl. oz 56-64 fl. oz</td>
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USE SITES: (Refer to the label for full list)
For indoor and outdoor. Food and non-food crops.

RECOMMENDED RATES (per acre)

SMALL FRUITS AND BERRIES
POME AND STONE FRUITS
BRASSICA (COLE), BULB VEGETABLES
LEAFY AND ORIENTAL VEGETABLES
HERBS AND SPICES
TREE NUTS
FRUITING AND LEGUME VEGETABLES
ROOT AND TUBER VEGETABLES
CUCURBIT VEGETABLES
HOPS AND HEMP
OTHER CROPS
CITRUS FRUITS AND SUBTROPICAL FRUITS
GREENHOUSE AND NURSERY

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