

**MATERIAL SAFETY  
DATA  
SHEET  
IC 100**



## BIOLOGICAL SYSTEMIC INSECTICIDE

For Outdoor use only

<b>Commercial Name</b>	: <b>IC 100</b>
<b>Common Name</b>	: Herbal Bio-pesticide
<b>Chemical or Biological Name</b>	: Whole Plant Extract
<b>Active Ingredient Content</b>	: Whole Plant Extract
<b>Formulation Type</b>	: Emulsifiable Concentrate
<b>Family</b>	: Biological
<b>Purpose of Use</b>	: Bio pesticide
<b>Compatibility</b> chemicals	: Compatible with all except Copper oxy chloride
<b>Phytotoxicity</b>	: <b>IC 100</b> is non phytotoxic when used as directed
<b>LD<sub>50</sub> Oral and Dermal</b>	: The acute oral LD <sub>50</sub> was > 5000 mg/kg body wt.
<b>Acute Toxicity</b>	
<b>Toxicity Class</b>	: Green
<b>Flashpoint</b>	: 57.2 °F
<b>Preharvest Interval</b>	: 12 Days
<b>Packing</b> cans	: 50 Lit HDPE Blue Jerry flushed with ultra pure Nitrogen
<b>Storage Period</b>	: Two years if stored as per Recommendation.
<b>Country where Product is used and Limitations</b>	: India, without any limitation as this is not a schedule pesticide.
<b>Maximum Residue Limits</b>	: Completely Biodegradable



**Methods of Analysis**  
time

: Size of particulate matter,  
of extraction and process  
followed as per GMP.

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**WARNING**

**USER SAFETY RECOMMENDATION**

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

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**EFFECT ON THE ENVIRONMENT**

Breakdown of Chemical in Soil and Groundwater

Potential for mobility in soil is very low. Accumulation in the environment is not expected.

Breakdown of Chemical in Surface Water

The product breaks down rapidly when exposed to environment and will not cause long-term effects.

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**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, or areas where surface water is present or to intertidal area below the mean high-water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash water or rinsate.

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## **PRECAUTIONARY STATEMENTS**

### **HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Harmful if swallowed or inhaled. Avoid breathing vapors or spray mist. Causes eye irritation.

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### **STATEMENT OF PRACTICAL TREATMENT**

#### **IF IN EYES:**

Flush eyes with plenty of water for 15 minutes. Call a physician if irritation persists.

#### **IF INHALED:**

Move to fresh air. Clear lungs and airways. Get medical attention if irritation develops.

#### **IF ON SKIN:**

Wash with plenty of soap and water. Get medical attention if irritation develops.

#### **IF SWALLOWED:**

Do not induce vomiting. Contact a physician immediately.

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### **DIRECTIONS FOR USE**

It is a violation of federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

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## **PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Some materials that are chemical resistant to this product are listed below. If you want more options, follow the instructions for category G on an EPA chemical resistance category selection chart.

### **Applicators and other handlers must wear:**

- long-sleeved shirt and long pants
- chemical resistant gloves such as barrier laminate or Viton® .
- shoes plus socks
- protective eye wear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning / maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

It is a violation of federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

## **AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval.

Do not enter or allow workers entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water is:

- Coveralls
- Chemical-resistant gloves
- Shoes plus socks
- Protective eye wear.



## **STORAGE AND DISPOSAL**

### **GENERAL:**

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse container.

### **STORAGE:**

Do not store above 100°F or below -20°F for extended periods of time. Keep containers tightly closed when not in use.

### **PESTICIDE DISPOSAL:**

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or Hazardous Waste representative at the nearest EPA regional office for guidance.

### **CONTAINER DISPOSAL:**

Do not reuse as a container. Triple rinse or equivalent, then offer for recycling or reconditions, or puncture and dispose of in an incinerator or landfill or by other procedures approved by state and local authorities.

### **CROPS IN WHICH IC 100 CAN BE USED**

**IC 100** is for outdoor use only.

### **IMPORTANT NOTE:**

**IC 100** has been evaluated for phytotoxicity on a wide range of ornamental plants. However, since all combinations or sequences of pesticide sprays including fertilizers, surfactants and adjuvants have not been tested, it is recommended that a small area be sprayed first to make certain that no phytotoxicity occurs.

### **MODE OF ACTION:**

This product controls targeted insect larvae when they ingest or come in contact with it. It is effective on all larval stages and pupa.



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**Technical Details:**

**FOR MORE DETAILS**

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