

# INSECTICIDAL SOAP



## Multi-Purpose Insect & Mite Control

TRUSTED SINCE 1926

**BONIDE**<sup>®</sup>



651: 12 - 16oz. RTU  
652: 12 - 32 oz. RTU  
654: 12 - Pt. Conc.  
655: 12 - Qt. Conc.

-  Kills Aphids, Scale, Mealybugs, Lacebugs, Grasshoppers, Leafhoppers, Mites, Whitefly, Tent Caterpillar, Thrips, ... on contact!
-  Effective Against Adult, larval and Nymph stages!
-  No insect resistance.
-  May be used up to day of harvest on Vegetables, Fruit, Flowers, Nuts, Citrus, Berries, Ornamentals, Shrubs, Trees, Houseplants,...
-  Patented formula does not persist in the environment. Made from plants - for plants.
-  Ideal for Organic Gardeners. Excellent choice for IPM programs.
-  Easy on beneficial insects and mites. Compatible with biological control agents.



**THANK YOU FOR BUYING BONIDE!**

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# **INSECTICIDAL SOAP**

## Technical Data Sheet

**WHAT IS IT?**

A patented formulation of fatty acid soaps chosen for optimal insect control with minimal phytotoxicity. Since this product is a contact insecticide, Bonide's formula provides excellent spreading for thorough coverage of all plant surfaces.

**CONTAINS:**

RTU models 651 and 652 – 1.0% potassium salts of fatty acids.  
Concentrate models 654 and 655 – 47.0% potassium salts of fatty acids.  
All models made from plant oils, not animal by-products. Contains no flammable solvents.

**WHAT IT DOES:**

Bonide Insecticidal Soap has shown the ability, in independent, replicated field and greenhouse studies to control insect and mite populations for up to 2 weeks. Adult, larval and nymph stages are all affected.

**MODE OF ACTION:**

Upon contact, the body of the pest is penetrated. Death is caused by the disruption of membranes and cellular functions.

**WHERE TO APPLY:**

Vegetables, flowers, fruit, shrubs, ornamentals, trees, berries, citrus, houseplants, nuts-----

**METHOD OF APPLICATION:**

RTU models 651 and 652 are ready to use as is.  
Models 654 and 655 should be diluted 2.67 oz. in 1 gallon of water (16 teaspoons or 5 tablespoons plus 1 teaspoon) (One pint concentrate makes 6 gallons of spray mix).  
Apply using any clean garden pressure sprayer.

**PHYSICAL PROPERTIES:**

Solubility:	Soluble in water.
Appearance and odor:	Clear, amber, viscous liquid, soap odor.
Specific Gravity:	1.0
pH:	9.5-10.5
Stability:	Stable. Avoid freezing.
Incompatibility:	Avoid Mancozeb and Sulfur.
Spill, Leak Disposal:	Contain, absorb, discard in trash or use per label.
Special Precautions:	Avoid eye contact. Test all plants prior to full cover spray. Thorough coverage is required for desired results.

**ALWAYS READ AND FOLLOW LABEL DIRECTIONS**