

Helena

# Joint Venture®

## SPRAY ADJUVANT

### FOR BIOLOGICAL AND BIORATIONAL PESTICIDES

#### \*ACTIVE INGREDIENTS:

Proprietary blend of polyalkyleneoxide modified organosilicones, aryl polyoxyalkane ether, and aliphatic ester of C <sub>9</sub> C <sub>12</sub> Fattyacids . . . . .	99.0%
Ingredients ineffective as spray adjuvant . . . . .	1.0%
<b>TOTAL . . . . .</b>	<b>100.0%</b>

\*All ingredients are accepted for use under CFR 40, 180.

This product contains organosilicone surfactant.

The composition of this product is protected by U.S. patent 5,104,647.

Do not apply this product with or following a sulfur application.

### KEEP OUT OF REACH OF CHILDREN

### CAUTION

See Inside Panel for Additional Precautionary Statements

SN 1004/0206 NET CONTENTS: 2.5 Gallons (9.46 Liters)

MANUFACTURED FOR  
HELENA CHEMICAL COMPANY  
225 SCHILLING BOULEVARD SUITE 300  
COLLIERVILLE, TN 38017

### PRECAUTIONARY STATEMENT

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### CAUTION

Avoid contact with formulated product. Do not take internally. Avoid contact with or inhalation of the spray mist. Follow all precautionary statements on the accompanying pesticide(s) label(s).

#### WHAT TO DO IN CASE OF CONTACT:

**IF SWALLOWED:** Do not induce vomiting. Immediately call a doctor.

**IF IN EYES:** Flush eyes with clean water for 15 minutes. Immediately call a doctor.

**IF ON SKIN:** Remove contaminated clothing and wash skin with soap and water. Call a doctor if irritation develops or persists.

**IF INHALED:** Move to fresh air and call a doctor if irritation develops or persists.

If there is accidental exposure to the spray solution containing pesticides, follow the "Statement of Practical Treatment/First Aid" on the pesticide(s) label(s).

#### ENVIRONMENTAL HAZARDS

Do not contaminate water sources by cleaning of equipment or disposal of washwaters.

#### GENERAL INFORMATION

**JOINT VENTURE®** is a proprietary blend of nonionic organosilicone surfactants and esterified fatty acids. It is designed for use with biological and biorational pesticides. **JOINT VENTURE®** is particularly effective with those products that contain Neem Oil, Azadirachtin, Spodoptera exigua NPV or Bacillus thuringensis (Bt) as active ingredients.

The addition of **JOINT VENTURE®** to a spray tank solution will improve a spray application by physically modifying the deposition and wetting characteristics of the spray solution, the result being a more uniform spray deposit. Although **JOINT VENTURE®** can affect positively the spray application, optimum application and effect can be affected by, but is not limited to, the pesticide or product, the carrier, crop, pest, spray equipment, spray volume, pressure, droplet size and environmental factors.

#### DIRECTIONS FOR USE

#### BEFORE USING THIS PRODUCT, READ ALL PRECAUTIONS, DIRECTIONS FOR USE, CONDITION OF SALE—LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES.

#### STORAGE AND DISPOSAL

Keep container tightly closed. Do not allow water to be introduced to the contents of this container.

Do not store near heat or open flame.

Do not store with oxidizing agents or ammonium nitrate.

**CONTAINER DISPOSAL:** Dispose of empty containers by triple or pressure rinsing or equivalent, adding rinsate to the spray tank, then offer for recycling, or reconditioning, or puncture and dispose of according to State and local authorities. If burned, **STAY OUT OF SMOKE.**

#### GENERAL RECOMMENDATIONS

The addition of a spray adjuvant to some pesticide or pesticide tank mix combinations may cause phytotoxicity to the foliage and/or fruit of susceptible crops or plants. Consequently, prior to the use of **JOINT VENTURE®** in a spray tank mix

or prior to the application of a tank mix with a product where a nonionic spray adjuvant is not specifically recommended but not prohibited by the products label, the user or application advisor must have experience with the combination under similar environmental and cultural conditions, or have conducted a phytotoxicity test under these same conditions.

**USE:** May be applied by Ground, Aerial, Controlled Droplet Application (CDA) or aquatic spray equipment.

**Ground, Aquatic:** Use 1-2 pints per 100 gallons of spray solution. This is equivalent to 0.125%-0.25% volume/volume concentration.

**Aerial, CDA:** Use at a 0.35% to 1.0% volume/volume concentration. This is equivalent to 3-8 pints per 100 gallons of spray solution.

#### OR

when using 1-3 gallons of spray solution per acre, use 2-3 ounces per acre. When using more than 3 gallons of spray solution per acre, use 3-6 ounces per acre.

**NOTE:** Some pesticide labels may recommend higher or lower rates of spray adjuvant. When this occurs, follow the pesticide label(s) recommendations.

#### MIXING

1. Prior to any pesticide application all spray mixing and application equipment must be clean. Carefully observe all cleaning directions on the pesticide label. To prevent or minimize foaming, fill tank to 2/3 to 3/4 full of water and add an anti-foaming agent such as **FOAM BUSTER™** to the spray tank before pesticides, nutrients, or **JOINT VENTURE®** are added.
2. Add pesticides and/or fertilizers as directed by label or in the following sequence:
  - A. Micronutrients and fertilizers
  - B. Dry flowables and dispersible granules
  - C. Flowables
  - D. Water Soluble pesticides
  - E. Emulsifiable concentrates
3. Continue agitation.
4. Add **JOINT VENTURE®** and mix for 1 to 2 minutes with lower than normal agitation.
5. Continue filling tank maintaining minimal agitation.
6. For optimum results, spray mixes containing **JOINT VENTURE®** should be applied within 36 hours after mixing.

#### CONDITIONS OF SALE—LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES

**Read the Conditions of Sale—Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full price will be refunded.**

The directions on this label are believed to be reliable and should be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of Helena Chemical Company (the "Company") or the seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

The exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Helena Chemical Company's election, one of the following:

1. Refund of the purchase price paid by buyer or user for product bought, or
2. Replacement of the product used

To the extent allowed by law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

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**JOINT VENTURE®** is a registered trademark of Helena Holding Company.

**FOAM BUSTER™** is a trademark of Helena Holding Company.

**Disclaimer:** Always refer to the label on the product before using Helena or any other product. VID 3.6.06