

Updated Label

10-06



# Organosilicone Surfactant Blend with improved deposition

to enhance the spreading and foliage deposition of  
fungicides, insecticides, plant growth regulators and nutrients  
and to enhance coverage of sunburn protection materials.

**Contains a proprietary organosilicone /organic fluid blend**

**PRINCIPAL FUNCTIONING AGENTS:**

Polysiloxane polyether copolymer, alcohol ethoxylate, polyoxyethylene-polyoxypropylene  
copolymer.....100%

All ingredients are exempt from the requirements of a tolerance as specified in 40 CFR 180

CA Reg. No. 11656-50115-AA

WA Reg. No. 11656-06001

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**Net Contents: XX Gallons/ Liters**

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**Manufactured For:  
Western Farm Service, Inc.  
P.O. Box 1168  
Fresno, CA 93715**

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**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**WARNING-/AVISO:** Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Avoid breathing vapor or mist. Wear appropriate eyewear such as goggles, face shield, or safety glasses. Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. (Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. If you do not understand the label, find someone to explain it to you in detail.)

**KEEP OUT OF REACH OF CHILDREN**

**FIRST AID**

**If in eyes:**

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

**If on skin or clothing:**

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

**If inhaled:**

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor for further treatment advice.

**If swallowed:**

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything to an unconscious person.

If an adverse reaction occurs after exposure: Promptly start the recommended procedures above.

**PERSONAL PROTECTIVE EQUIPMENT**

Applicators and other handlers must wear long-sleeved shirt and long pants, chemical resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride, protective eyewear and shoes plus socks. 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.

**USER SAFETY RECOMMENDATIONS**

User should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**SHAKE WELL BEFORE USING**

## PRODUCT INFORMATION

**First Choice Hi-Wett adjuvant** is a proprietary non-ionic organosilicone surfactant blend for the application of fungicides, insecticides and plant growth regulators in horticultural and arable crops. **First Choice Hi-Wett adjuvant** lowers the surface tension of spray solutions well below commonly used surfactants, but, unlike most other silicone super-wetters, when used at recommended rates, **First Choice Hi-Wett adjuvant** will not promote high levels of stomatal infiltration which can cause plant damage through uptake of solvents and/or excessive spray water. Lower surface tension will result in more effective wetting and more uniform coverage on nearly any surface. **First Choice Hi-Wett adjuvant** will also enhance the amount of product retained on the leaf surface at spraying.

**First Choice Hi-Wett adjuvant** readily disperses in spray solutions (aqueous and most non-aqueous). **First Choice Hi-Wett adjuvant** is especially suited to situations where coverage is critical and is particularly suited to low volume spraying and aerial applications where water coverage is a limiting factor.

**First Choice Hi-Wett adjuvant** is not resistant to rainfall. If rain or overhead irrigation is likely to occur within 5 days of treatment, substitute **First Choice Hi-Wett adjuvant** with latex based super-spreader that will improve rain resistance and reduce wash-off.

### IMPORTANT

Before spraying any previously untried mixtures with **First Choice Hi-Wett adjuvant**, always test the mixture before hand for crop phytotoxicity.

### DIRECTIONS FOR USE

**First Choice Hi-Wett adjuvant** will give best results in low volume spraying – around 25% or less of the normal volume of water when sprayed to run-off. High volumes with **First Choice Hi-Wett adjuvant** will result in excessive run-off of spray liquid and poor results. Adjust either the rates of **First Choice Hi-Wett adjuvant** or the water volumes, to obtain thorough coverage without excessive run-off. The chart below will serve as a guide.

### NOT FOR AQUATIC USE IN WASHINGTON

#### Mixing:

1. Fill spray tank half full with water and begin agitation.
2. If foaming is expected add a **silicone based antifoam** to the tank before adding the pesticides.
3. Add pesticides /foliar nutrients as directed on their respective labels. Maintain agitation.
4. **SHAKE First Choice Hi-Wett adjuvant CONTAINER THOROUGHLY** and add the required amount **AFTER** all the pesticides are thoroughly mixed in the tank.

#### Recommendations:

Adjuvants contained in the pesticide formulations can be antagonistic to **First Choice Hi-Wett adjuvant**. As more products are added to the spray tank, antagonism increases. Higher rates of **First Choice Hi-Wett adjuvant** must be used to overcome this antagonism. The charts set out in the following table will serve as a guide to tank mix rates of **First Choice Hi-Wett adjuvant**.

**Ground and Air Application Rates:**

CROP	SPRAYER TYPE	WATER GALS/A <sup>1</sup>	Total pounds or pints of chemicals being applied per acre								
			1	2	3	4	5	6	7	8	9
Hard to wet leaves	Ground Boom Sprayer or Aerial Application	15-70	Rate of First Choice Hi-Wett Adjuvant in fluid ounces per acre								
			3.2	3.2	4.0	4.8	6.0	7.2	8.0	8.8	9.6
Easy to Wet Leaves		5-70	1.6	2.0	3.0	4.0	4.8	5.2	5.6	6.0	6.4
Grapes Foliage Bunches	Ground Air Assist	20-100	2.4	2.4	3.2	3.2	4.0	4.0	4.8	4.8	5.6
		20-100	6.4	6.4	6.4	7.2	8.0	8.0	8.8	8.8	9.6

<sup>1</sup> Use the lower water volumes when crop canopy is small or light. Use the higher water volumes on larger, dense canopies

**SUNBURN CONTROL:**

For use on all crops where sunburn protectants are registered (such as Surround®) Apply First Choice Hi-Wett adjuvant at a rate of 14 fluid ounces to every 25 pounds. Follow the label for full directions on timing and rates. It may be better to split the 50 lb application into two applications each of 25 lbs/acre to ensure no nozzle blockages in the lowest water volumes.

**NOTE:** As all equipment is set up differently, check the coverage on a small area and adjust volume to achieve the best result for your equipment before applying to large areas.

**NOTES**

1. Optimum spreading and wetting from First Choice Hi-Wett adjuvant will occur between pH 5 and pH 9. Spray mixtures above and below these figures should be sprayed immediately or adjust the solution to within the correct range to avoid breakdown of the First Choice Hi-Wett adjuvant.
2. Not all formulations of chemicals behave the same with First Choice Hi-Wett adjuvant. Consult your local Western Farm Service Representative or the First Choice Hi-Wett adjuvant spray charts for the latest information on individual product spread antagonism before using new tank mixtures.
3. First Choice Hi-Wett adjuvant has demonstrated good plant safety. However not all plants and spray mixtures have been tested. Treatments that have a potential for phytotoxicity could be aggravated by First Choice Hi-Wett adjuvant. Before treating large areas, a small area should be tested and the results observed.

## Compatibility

**First Choice Hi-Wett adjuvant** is compatible with most commonly used fungicides, insecticides and plant growth regulators. It should not be used with herbicides since stomatal uptake will be limited and poor results may occur. Do not mix **First Choice Hi-Wett adjuvant** with spray oils as phytotoxicity may occur. **First Choice Hi-Wett adjuvant** will break down when mixed with highly acidic (below pH 4) or highly alkaline (above pH 9) chemicals and poor wetting may result.

### STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**STORAGE:** Keep in original container. Do not reuse empty containers. Store in cool, dry place. Protect from excessive heat. Do not store below 4°C as product will freeze.

**PRODUCT DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Do not reuse empty container. Triple rinse (or equivalent) during mixing and loading. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler visit the ACRC web page at [www.acrecycle.org](http://www.acrecycle.org). Decontaminated containers may also be disposed of in a sanitary landfill.

### CONDITIONS OF SALE AND WARRANTY

Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with the directions and instructions specified on the label under normal conditions of use, but neither this warranty nor any other warranty of merchantability of fitness for a particular purpose express or implied, extends to the use of this product, contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

First Choice is a registered trademark of Western Farm Service, Inc.

Surround is a registered trademark of Engelhard Corporation, USA.

Hi-Wett is a registered Trade Mark of Elliott Chemicals Limited, Auckland, N.Z.