

CAUTION
Keep Out of reach of Children

NET CONTENTS: 1 gallon



Hi-Wett[®] Xtra

Sticker, Deposition Aid and
Organosilicone Surfactant Blend

**To enhance the spreading, foliage deposition and
retention of fungicides, insecticides, plant growth
regulators and nutrients**

Principal Functioning Agents:

Synthetic latex, propylene glycol, alcohol	
ethoxylate, Polysiloxane polyether copolymer.....	63.4%
Constituents Ineffective as Spray Adjuvants.....	36.6%
TOTAL.....	100.0%

WA Reg No—99915-06001

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Manufactured for:
Applied Spray Technologies
PO Box 200118
Evans, CO 80620

Hi-Wett® Xtra

CAUTION: Causes moderate eye irritation. Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or smoking tobacco. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment: Wear Chemical resistant gloves, long-sleeved shirt and long pants, and shoes plus socks when mixing or applying **Hi-Wett Xtra**. Avoid contact with skin and clothing. Avoid breathing spray mist. Follow all precautions for the products with which **Hi-Wett Xtra** will be mixed.

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: 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 swallowed: Call a poison control center or doctor immediately for treatment advice. Have the 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 by mouth to an unconscious person.

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

PRODUCT INFORMATION

Hi-Wett Xtra is a non-ionic surfactant combining the rainfast and deposition properties of a polymer latex with the super-spreading properties of an organosilicone super-wetter, designed specifically for the application of fungicides, insecticides and plant growth regulators in horticultural and arable crops. **Hi-Wett Xtra** lowers the surface tension of spray solutions well below commonly used surfactants, but, unlike most other silicone super-wetters, **Hi-Wett Xtra** will not give unwanted stomatal infiltration when used at recommended rates. Lower surface tension will result in more effective wetting and more uniform coverage on nearly any surface. In addition, **Hi-Wett Xtra** will also enhance the amount of product retained on the leaf surface at spraying by reducing droplet shatter and bounce, and will also give excellent rainfastness for 10 –14 days after spraying.

Unlike some other stickers, **Hi-Wett Xtra** does not encapsulate the chemical therefore does not elevate residue levels at harvest nor does it hinder the release of coppers or systemic products.

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

Hi-Wett Xtra, when used according to directions, will decrease off-target spray drift slightly.

Hi-Wett Xtra is not approved for aquatic use.

Hi-Wett Xtra is very useful in a **Hi-Wett®** spray program and should be used instead of **Hi-Wett** whenever rain or overhead irrigation is expected within 5 days of spraying.

IMPORTANT

Before spraying any previously untried mixtures with **Hi-Wett Xtra**, always test the mixture beforehand for crop phytotoxicity.

DIRECTIONS FOR USE

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

Mixing: 1. Fill spray tank half full with water and begin agitation.

2. If foaming is expected add an antifoamer to the tank before adding the pesticides.

3. Add pesticides /foliar nutrients as directed on their respective labels. Maintain agitation.

4. **SHAKE Hi-Wett Xtra 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 **Hi-Wett Xtra** and **Hi-Wett**. As more products are added to the spray tank, antagonism increases. Higher rates of **Hi-Wett Xtra** overcome this antagonism. The charts set out below will serve as a guide to tank mix rates of **Hi-Wett Xtra**. For most economic use of the program substitute **Hi-Wett** for **Hi-Wett Xtra** if settled weather and no overhead irrigation is likely for a minimum of 5 days after spraying. **Hi-Wett** should be used at half of the following chart rates.

Ground and air applications:

Add total pounds and pints (1=1) of formulated chemicals being applied (pints or pounds/acre) and refer to the column in the chart below for the Hi-Wett Xtra rate (ounces/acre) required.

CROP	Sprayer Type	Water Gals/ac	Total pounds or pints of chemicals being applied per acre								
			1	2	3	4	5	6	7	8	9
Rate of Hi-Wett required in ounces per acre											
VEGETABLES Onions Brassicas Hard to wet	Boom	15-25	6.4	6.4	8	9.6	12	14.4	16	17.6	19.2
POTATOES Easy to wet	Aerial	5-10	3.2	4	6	8	9.6	10.4	11.2	12	12.8
SQUASH / PUMPKIN			4.8	4.8	4.8	4.8	8	8	9.6	9.6	11.2
GRAPES Foliage	Air assist	10-25	4.8	4.8	6.4	6.4	8	8	9.6	9.6	9.6
Bunches		20-25	12.4	12.4	12.4	14.4	16	16	17.8	17.8	19.2

Use the lower water volumes when crop canopy is small or light. Use the higher water volumes on large, dense canopies.

Recommendations for use in other crops (avocados, citrus, apples, stone fruit,) etc are under development. Consult your Applied Spray Technologies Distributor for the latest information.

NOTES

- Optimum spreading and wetting from **Hi-Wett Xtra** will occur between Ph5 and pH9. 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 **Hi-Wett Xtra**. **Hi-Wett Xtra** may be used with acidifiers to adjust pH levels down to within this range and to also optimize uptake of systemic products.
- Not all formulations of chemicals behave the same with **Hi-Wett Xtra**. Consult your Applied Spray Technologies Distributor or the **Hi-Wett Xtra** Spray Charts for the latest information on individual product spread antagonism before using new tank mixtures.
- Hi-Wett Xtra** 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 **Hi-Wett Xtra**. Before treating large areas, a small area should be tested and the results observed.
- Do not add any other surfactants to **Hi-Wett Xtra** other than those products named on this label. For best economic results, substitute **Hi-Wett** for **Hi-Wett Xtra** if settled weather is anticipated for a minimum of 5 days after spraying.

Compatibility

Hi-Wett Xtra is compatible with most commonly used fungicides, insecticides and plant growth regulators. It should not be used with herbicides, as stomatal uptake will not occur. Do not mix **Hi-Wett Xtra** with spray oils as phytotoxicity may occur. **Hi-Wett Xtra** will break down rapidly when mixed with highly acidic or highly alkaline chemicals and poor wetting may result. Do not use **Hi-Wett Xtra** with acidifiers in water that is neutral (pH 7) or acidic.

Storage: Store in a cool dry place. Store in original container. Keep container tightly closed. Do not reuse empty container.

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. Decontaminated containers may also be disposed of in a sanitary landfill.

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