

# HERBI SPRAY HP-12<sup>®</sup>

*Activator Adjuvant*



*Spray Adjuvant*

## ACTIVE INGREDIENTS

Carboxyl and Polydroxyl Acids.....12.5%  
Ingredients Ineffective as Adjuvant.....87.5%

### KEEP OUT OF REACH OF CHILDREN

WARRANTY: Western Nutrients Corporation makes no warranty, express or implied, including the warranties of merchantability and/or fitness for any particular purpose, concerning this material, except those which are contained on the Western Nutrients Corp. label attached to the product container.

Information regarding the contents and levels of metals in this product is available by calling 1-800-542-6664

**NET CONTENTS 5 GALLONS**  
**18.93 LITERS**  
**8.9 LBS. PER GAL @ 68 ° F**  
**995 GRAMS PER LITER @ 20 ° C**



## GENERAL INFORMATION

**HERBI SPRAY HP-12** is composed of long chain polymeric polyhydroxy acids. These compounds owe their activity to numerous highly reactive carboxyl and hydroxyl groups. These compounds are colloidal in nature and are extremely hydrophilic ( water loving). Their exchange capacity is very high and is pH dependent. They are generally classed as tetrabasic anions.

The effectiveness of these compounds as a spray adjuvant is attributed to: 1) their enhancement of cell wall permeability and 2) their enhancement of ion transfer. This increases the efficacy of foliar applied herbicides providing increased control of weeds and grasses.

**HERBI SPRAY HP-12** has no pesticidal properties by itself nor is it a surfactant or sticker. **HERBI SPRAY HP-12** is non phytotoxic but when added to herbicides it enhances their efficiency.

## DIRECTIONS

### GENERAL WEED CONTROL

**HERBI SPRAY HP-12** may be applied in tank mix combinations with broad spectrum herbicides for weed control in non-crop areas such as roadsides, fence rows, ditch banks, and fallow fields.

Apply **HERBI SPRAY HP-12** at the rate of 1-3 pints per acre plus sufficient spray mixture to obtain proper coverage with either ground or aerial equipment.

### SELECTIVE WEED CONTROL

**HERBI SPRAY HP-12** is formulated to be used with selective weed control herbicides or tank mixes which have been approved for the crop in question. Apply 1-11/2 pints per acre with a minimum of 10-20 gallons per acre of total spray mixture by ground or 5 gallons per acre by air. Add a surfactant where one is recommended.

### GROUND APPLICATIONS

Apply 1-2 pints of **HERBI SPRAY HP-12** per acre with sufficient total spray mixture to obtain proper coverage.

### AERIAL APPLICATIONS

Apply 1-11/2 pints of **HERBI SPRAY HP-12** per acre with sufficient total spray mixture to obtain proper coverage.

### COTTON DEFOLIANTS

Apply 1-11/2 pints of **HERBI SPRAY HP-12** per acre with sufficient total spray mixture to obtain proper coverage. **HERBI SPRAY HP-12** increases the efficacy of defoliant under extreme weather conditions.

### MIXING INSTRUCTIONS

Always mix **HERBI SPRAY HP-12** with water first, then add regular pesticide mixture. **HERBI SPRAY HP-12** is not compatible with oil sprays or very low pH materials. If compatibility is questioned make a compatibility test. Do not use **HERBI SPRAY HP-12** with Paraquat.

### NOTICE

Our recommendation for use of this product are based upon tests to be reliable. The use of this product is beyond the control of the manufacturer and no guarantee expressed or implied is made as to the effects or such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage resulting from its misuse as such, or in combination with other materials.

**HERBI SPRAY HP-12** is a Registered Trademark of Western Nutrients Corporation.

## MANUFACTURED BY - WESTERN NUTRIENTS CORPORATION

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