

# XION

## ACTIVEGEL<sup>®</sup>

### THE HERBICIDES ACCELERATOR

#### Maximum acceleration in the biological action of the herbicide.

Xion Activegel 's contains accelerator agents that optimize the effect of the herbicide used, ensuring greater control in the application.

#### Optimization of hard water.

Xion Activegel 's conditions the water removing the interferences caused by the salts present, block the active ingredients of the herbicides, achieving a suitable pH range for the applied product.

#### Maximum control in adverse weather conditions.

Xion Activegel 's adherent action prevents dew, and even rain after the application, from washing the herbicide located on the leaf surface of the weed.



**WARNING** Read all label directions before use.

**Xion Activegel 's** is a soluble concentrate of a compound formulation with the latest technology, developed to optimize the absorption and biological action of herbicides.

### PRODUCT DESCRIPTION

Xion Activegel 's is a compound formulation (ReadyMix) adjuvant that improves the biological activity of the active ingredients of herbicides, when applied to crops.

Maximizes the action of the applied product, because it manages to overcome the foliar physical barriers. It acts as a conditioner for the application vehicle (water) removing salts, correcting the pH of the mixture to its optimal value.

### SALTS

It sequesters dissolved salts and chelates the cations present in the water, which interfere with the action of herbicides, increasing their activity.

### ACIDIFYING

Conditions the pH of the water to be sprayed for greater and better absorption of the active ingredients.

### MOISTURIZING ACTION

Reduces the surface tension of spray drops lets. It allows the product to wet the surface to be treated and is deposited evenly, favoring adhesion.

### ANTIFOAMING ACTION

XION has foam controllers, which facilitates the measurement, avoiding spills in the sprayer during the preparation of the mixture in the application.

### INSTRUCTIONS FOR USE

**PREPARATION:** Add Xion Activegel at the beginning of the tank load (1/4 capacity) since it has foam controllers in its formulation.

Complete the tank charge.

Incorporate herbicides.

### LOW GENERAL USE RATE

For pesticides/herbicides, 6.3-9.7 fl. oz (190-290 ml) per 100 gallons of spray mixture.

**1 Liter / 500 gal**

For 24/7 help with any spill, leak, fire or exposure involving this material.

**Call CHEMTREC 1-800-424-9300**

### IMPORTANT

Keep the agitation or return system running for greater homogenization. Respect the loading order of the pesticides to be used.

**Consult your agronomist**



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**SpeedAgro**  
The Greener Standard

## Demonstration of impact on Lambsquarters Control with Activegel

Lambsquarters control with Roundup PowerMax at 14 day

Test 1



1- None      2- Activegel 0.05% v/v      3- Activegel 0.05% v/v      4- Activegel 0.075% v/v      5- MSO 0.5%v/v

## Barnyardgrass Control with Activegel

Lambsquarters control with Roundup PowerMax at 3 day

Test 1



1- None      2- Activegel 0.05% v/v      3- Activegel 0.05% v/v      4- Activegel 0.075% v/v      5- MSO 0.5%v/v      6- Nontreated

Barnyardgrass control with Roundup PowerMax at 14 day

Test 2



1- None      2- Activegel 0.05% v/v      3- Activegel 0.05% v/v      4- Activegel 0.075% v/v      5- MSO 0.5%v/v

### CONCLUSION OF THE TEST

We can observe that the trials that apply Round up with Xion Activegel V/V have better performance than MSO in control of Lambsquarters / Barnyardgrass because of its properties of conditioner, surfactant and acidifier, in addition to penetration.

The tests were done in:  
Purdue University, West Lafayette, Indiana.  
Year: 2020

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