



# NIS 700

Non-Ionic Surfactant

Adjuvant: penetrant -  
surfactant - acidifier



## COMPOSITION

% w/w

|                            |      |
|----------------------------|------|
| Lecithin                   | 35,0 |
| Propionic acid             | 35,0 |
| Linear Ethoxylated Alcohol | 10,9 |



## Characteristics

**NIS 700** it is a **non-ionic surfactant, multipurpose**, with acidifying, penetrating and translocation action whose use increases the effectiveness of herbicides, insecticides, fungicides, foliar fertilizers and growth regulators.

**NIS 700** reduces the **surface tension of spray solutions** to decrease the contact angle of the droplet with the plant surface, which results in a greater amount of coverage by improving the chemical into contact with the plant and uptake.

**NIS 700** can also be used as **acidifying to lower the pH of the solutions**, preventing losses of active ingredient by alkaline hydrolysis.

**NIS 700** contains **Lecithin and is formulated as a unique technology** to allow you to expect more from your pesticide application, it delivers FIVE IMPORTANT BENEFITS:

## Dosage

| GOAL                                  | DOSES ml/100L                       | Comments   |
|---------------------------------------|-------------------------------------|--|
| Reduction of pH                       | 50 – 100 (> 8 pH); 30 – 50 (< 8 pH) |  |
| Insecticides - fungicides.            | 50 – 100                            | Do not apply with high temperatures. Add to water in spray tank before adding PESTICIDE.   |
| Herbicides                            | 125 - 250<br>250 - 500              | Recommended for use in mixing with defoliant, desiccants and for annual weed control. Use the highest dose of NIS 700 for the control of perennial and other weeds. (Equisetum bogotense) (Malva nicaensis), (Cynodon dactylon), (Cyperus rotundus). |
| Foliar fertilizers                    | 125 - 250                           | Tank mixing with other agricultural chemicals may increase the potential for crop damage check with supplier.  |
| Assistance in droplet size management | 100 - 200                           | NIS 700 will reduce the fine droplets associated with, but not eliminate, off target movement. This is contingent upon good agricultural spraying practise and appropriate nozzle choice.  |

**CONDITIONS FOR SAFE AND EFFECTIVE APPLICATION:** NIS 700 can be used in any condition in which the application of pesticides is recommended. Avoid applying in conditions of heat or extreme solar radiation. Avoid applying NIS 700 in strong wind conditions, with rain or presence of dew.

**INCOMPATIBILITY:** NIS 700 is incompatible with products containing metallic Cu.



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