

CHEMICALS / SPRAY ADJUVANTS

CAPSIL

A highly effective nonionic spray adjuvant for use with water based fungicides, insecticides, miticides, micronutrients, herbicides and defoliant. Optimizes pesticide applications by improving the distribution and rainfastness of foliar applied sprays.

Crops: Can be used with aerial applications, liquid fertilization and on cuttings.

Rates: 6 - 16 oz. per 100 gal. (Please see label for specific rates.)

Application: Spray Adjuvant (Consult Manufacturer's Label)

REI: N/A

Signal Word: Caution

Ingredient: Polyether-polymethylsiloxane Copolymer and Nonionic Surfactant

Manufacturer: The Scotts Company



Stock No.	Size	Price/Ea.
235-7085	1 gal. container	\$81.68
	4 - 1 gal. qty discount	73.51

LATRON B-1956

A water-dispersible, resin based nonionic surfactant that resists re-wetting and removal by rain. Effective as a spreading, depositing and sticking agent to improve the performance of insecticides, miticides, fungicides, defoliant and herbicides.

Crops: Please see label for crop listings.

Rates: 1 - 8 oz. per 100 gal. (Please see label for specific rates.)

Application: Spray Adjuvant (Consult Manufacturer's Label)

REI: N/A

Signal Word: Caution

Ingredient: Modified phthalic glycerol alkyd resin

Manufacturer: Rohm and Haas Company

Stock No.	Size	Price/Ea.
235-7038	1 gal. container	\$44.96
	4 - 1 gal. qty discount	40.46

NU-FILM®-IR

A superior sticking agent designed for use with industrial herbicides. It is compatible in the spray tank with all commercially used products. It forms a sticky, elastic film which tenaciously holds the herbicide on the plant foliage and greatly reduces rainfall erosion of the spray residue.

Crops: Non-crop areas

Rates: 8 - 12 oz. per 100 gal. of water (Ground Application); 1 - 2 oz. per 5 gal. of water (Spray)

Application: Spray Adjuvant (Consult Manufacturer's Label)

REI: N/A

Signal Word: Caution

Ingredient: Poly-l-p-Menthene

Manufacturer: Miller Chemical and Fertilizer Corp.



Stock No.	Size	Price/Ea.
235-7035	1 gal. container	\$30.89

PHASE 5

Water Soluble Adjuvant

Adjuvant designed to adjust pH level in water to maximize the effectiveness of foliar sprays. pHase 5 will acidify all alkaline waters as well as neutralize the dissolved salts present in hard waters. Mixing pHase 5 into your spray solution require no lab tests or guesswork. pHase 5 changes color to indicate when the optimum pH has been achieved. Add to spray tank before mixing pesticides to adjust pH to optimum and to maximize pesticide solution. Prevents inactivation of post-emergent herbicides, insecticides, fungicides and plant hormones. Prevents rapid degradation of alkaline sensitive pesticides, such as organophosphates, carbamates, synthetic pyrethroids and chlorinated hydrocarbons. Has excellent wetting and spreading properties, helping to reduce the possibility of chemical damage to the plant. Improves cuticular penetration and increases plant uptake of systemic pesticides & foliar nutrient sprays.

Rates: Add pHase 5 until water turns pink to get an optimum pH of 5.0 or orange to achieve a pH of 6.0. Actual rate can range from 5 - 30 oz. per 100 gal. of water, depending on water quality and hardness.

Application: Water soluble adjuvant

REI: Dependent on pesticide sprayed.

Signal Word: Dependent on chemical sprayed.

Ingredient: Wetters, Spreaders, penetrants and Spray Water Buffers.

Manufacturer: Brandt Consolidated

Stock No.	Size	Price/Ea.
235-5665	1 gal. container	\$29.93

X-77® SPREADER

X-77 Spreader is for use with agricultural insecticides, fungicides and herbicides. It may also be used with livestock sprays to improve witting characteristics of the spray. Provides quick wetting, more uniform coverage and increased retention of sprays by reducing surface tension of the spray droplets.

Rates: Some pesticides have stated adjuvant use rates. In all cases, the pesticide manufacturer's label should be consulted regarding specific adjuvant use recommendations and that rate followed. Do not add adjuvant at a level that would exceed 5% of the finished spray volume.

Application: Spray Adjuvant (Consult Manufacturer's Label)

REI: N/A

Signal Word: N/A

Class: Surfactant

Ingredient: Alkylaryl/polyoxyethylene, Alkylpolyoxyethylene, Fatty acids, Glycols and Dimethylpolysiloxane.

Manufacturer: Loveland Industries Inc.

Stock No.	Size	Price/Ea.
235-7039	1 gal. container	\$22.01