

FUNGICIDES

Actinovate – SP

Actinovate SP is a completely soluble biological fungicide that colonizes in the root system to give suppression and control of many root rot and damping-off fungi and other foliar fungal pathogens. No agitation is required and may be mixed with other pesticides and fertilizers. Control of many soil borne fungi such as Fusarium, Rhizoctonia, and Pythium are controlled as well as several foliar fungi such as Powdery and Downy Mildew, Botrytis, and many others. It is labeled for greenhouses, nurseries, interiorscapes, and turf.



ITEM #	SIZE	#/CS	REI
ACTINSP18	18 oz.	12	1

Cleary 3336

An excellent systemic fungicide for the prevention and control of Dollar Spot, Copper Spot, Brown Patch, Red Thread, Fusarium Roseum, Leaf Spot, and Stripe Smut. It is also approved for use on roses, flowers, ornamental and shade trees. Very effective for Black Root Rot on Pansies, Poinsettias, and Geraniums.



ITEM #	SIZE	#/CS	REI
CL333628	2lb WP (4 X 8 oz.)	6	12
CL3336Q	Qt.	12	12
CL33361	Gal.	4	12
CL333625	2 1/2 Gal.	2	12

Green-Shield

A horticultural disinfectant for use in and on benches, pots, tools, walkways, overhead watering systems, and evaporative coolers. Kills and prevents bacterial, fungal, and viral organisms and algae. E.P.A. Registered.



ITEM #	PRICE	#/CS	REI
PT20001	Gal.	4	0
PT200030	30 Gal. Drum	-	0

Medallion

For use on ornamentals that may be applied as a foliar spray, a soil drench, or mixed with the potting media. Effective at low application rates on Leaf Spot, Leaf Blight, Stem and Root Rot diseases caused by Rhizoctonia, Botrytis, Alternaria and Fusarium.

ITEM #	SIZE	#/CS	REI
MEDALLION8	(4) 8 X 1 OZ.	4	12

Phyton 27

Phyton 27 Bactericide/Fungicide is a systemic, soluble liquid copper complex. Labeled for the control of Botrytis, Erwinia, and Powdery Mildew on Poinsettias throughout the production cycle.

ITEM #	SIZE	#/CS	REI
PHYTON278	8 Oz.	24	24
PHYTON27L	Liter	12	24
PHYTON271	Gal.	4	24

Zerotol

A broad spectrum algaecide/fungicide that treats, controls and prevents Anthracnose, Pythium and Fusarium, Rhizoctonia, algae and slime molds. May be used as an algaecide/fungicide on all types of turf grasses, plant material, equipment and structures. Do not apply this product through any irrigation system unless directed by the label.

ITEM #	SIZE	#/CS	REI
ZEROTOL25	2 1/2 Gal.	2	0

Volume and Liquid Measurements

3 teaspoons = 1 tablespoon = 14.8 cc

8 fluid ounces = 16 tablespoons = 1 cup = 236.6 cc

2 cups = 32 teaspoons = 1 pint = 473.1 cc

2 pints = 64 teaspoons = 1 quart = 946.2 cc

1 liter = 33.81 ounces = 0.2642 gallons = 1000 cc

4 quarts = 256 tablespoons = 1 gallon = 3785 cc

1 gallon = 128 fluid ounces = 231 cu in = 3785 cc

1 bushel = 2244 cu ft = 9.309 gallons = 352 liters

1 cc = 1 ml

HERBICIDES



2,4-D

For the SELECTIVE control of many broad-leaved weeds in non-crop areas and in certain crops. Labeled for use on ornamental turf grass, seed crops, established pastures and rangeland, and for general weed control on fence rows, airfields, roadsides, industrial sites and similar non-crop areas. RESTRICTED IN FL, LA, MS, & AR

ITEM #	SIZE	#/CS	REI
24D25	2-1/2 Gal	2	48

Gly Star



A NON-SELECTIVE post-emergent that will translocate into the root system, killing the entire plant.

ITEM #	SIZE	#/CS	REI
Glystar25	2 ½ Gal	2	4
Glystar30	30 Gal	-	4

MSMA (RIVERSIDE)

For NON-SELECTIVE post-emergent control of broad leaf weeds and grasses such as dallgrass, crabgrass, Johnson grass and nutsedge.

ITEM #	SIZE	#/CS	REI
MSMA	Gallon	4	12

Ronstar

A SELECTIVE pre-emergent herbicide for control of many annual grasses and broadleaf weeds in turf and on a wide variety of woody ornamental shrubs, vines, and trees. Ronstar controls weeds by killing the young weed seedlings as they come in contact with the herbicide during germination.

ITEM #	SIZE	#/CS	REI
RONSTAR5	Gran. 50 lbs	-	12

Round Up (See Gly Star)

HELPFUL INFORMATION

1 lb/Acre = 2 ½ Tsp
 10 lbs./Acre = ½ Cup/100 sq ft
 100 lbs./Acre = 2-1/4 lbs/1000 sq

Snapshot



A pre-emergent herbicide for control of certain broadleaf weeds and annual grasses in landscape ornamentals, container grown ornamentals, ground covers, nursery stock, and non-bearing fruit and nut crops. Apply late summer, early fall, or early spring. Broad weed and plant use label.

ITEM #	SIZE	#/CS	REI
SNAPSHOTG	2-1/2%,50 lb	-	12

Surflan



Pre-emergent SELECTIVE liquid herbicide for the control of most annual grasses and certain broadleaf weeds. Used on both container grown and field grown nursery stock, ornamental trees and groundcovers as well as under greenhouse benches. Recently labeled for southern turf, golf courses, and lawns.

ITEM #	SIZE	#/CS	REI
SURFLAN32	Qt.	12	24
SURFLAN25	2-1/2 gallon	2	24

Vantage

Use to control grasses in non-bearing food crops, ornamental and nursery planting (including certain bedding plants and ground crops), rights-of-ways, and non food crop areas. Does not control sedges or annual bluegrass.



ITEM #	SIZE	#/CS	REI
VANTAGE1	gallon	12	12

XL 2G



A SELECTIVE pre-emergent herbicide for control of most annual grasses and certain broadleaf weeds in container and field grown ornamentals, landscape ornamentals, ground covers, and many established warm season turf grasses. Contains Surflan. Broad ornamental label.

ITEM #	SIZE	#/CS	REI
XL2G	50 lbs	-	24

INSECTICIDES

Amdro

Controls Imported Fire Ants. Slow acting, but very effective as it attacks the queen, which will get rid of the mound.



ITEM #	SIZE	#/CS	REI
AMDRO	1 lb.	24	12
AMDRO25	25 lb.	-	12

Award



Very effective Fire Ant bait. An insect growth regulator which inhibits egg laying by the queen, stopping worker ant reproduction. Colony dies within 30-90 days without worker replacement.

ITEM #	SIZE	#/CS	REI
AWARD3	3 lb.	6	12
AWARD25	25 lb.	-	12

Dipel (Bacillus Thuringiensis)

A biological insecticide intended for use against worms, caterpillars, and other chewing larvae. Dipel works quickly by paralyzing the digestive system, causing death within a few days.



ITEM #	SIZE	#/CS	REI
ABBTDF	1 Lb. (DF)	30	4

Floramite SC

Floramite is a selective miticide for the control of a variety of mite pests on greenhouse, shadehouse, nursery, field, landscape and interiorscape grown ornamentals. Relatively inactive against predacious insects and beneficial mites. Recently labeled for use on greenhouse grown tomatoes.



ITEM #	SIZE	#/CS	REI
FLORAMITEQT	QT.	8	12

Merit

Systemic product for control of aphids, scale, mealybugs and other sucking pest on ornamentals in commercial and residential landscapes and interiorscapes. Can be used as a soil drench, soil injection, foliar application or broadcast spraying. Not labeled for greenhouse use.



ITEM #	SIZE	#/CS	REI
MERIT7520	2 oz.	8	12
MERIT75W	4x1.6oz	4	12

Orthene

(Tree, Turf, & Ornamental)

Excellent organophosphate insecticide for control of aphids, bagworms, lacebugs, leafroller scale (crawlers), thrips, mealybugs, and whiteflies. Can be safely used on most varieties of trees, shrubs, mums, poinsettias, roses, cacti, and carnations.



ITEM #	SIZE	#/CS	REI
ORTHTO97	0.773 Lb.	12	24

Tirade LP

For use as a control treatment against, ants imported fire ants, mole crickets and other insect pests on lawns, in landscaped areas and perimeters around residential and recreational areas.

ITEM #	SIZE	#/CS	REI
TIRADE25	25 lb.	-	12

Wasp Freeze

A 17.5 oz. aerosol can that freezes wasps instantly from a 10 foot distance. It causes immediate reduction in body temperature followed by paralysis and suffocation.



ITEM #	SIZE	#/CS	REI
PT51517	17.5 oz. spray can	12	0

MISCELLANEOUS CHEMICALS

Activate PLUS

Water soluble surfactant designed for use in certain agricultural and horticultural sprays.

ITEM #	SIZE	#/CS
ACTVTEPL25	2 ½ Gallon	2

Horta-Sorb

Increases the water holding capacity of any soil mixture without causing over-watering problems. Horta-Sorb acts as a "babysitter" for plants, extending the period between watering.

ITEM #	SIZE	#/CS
HSORB1	1 lbs., Med.	4
HSORB3	3 oz., Lg.	60
HSORB4	4 lbs., Med.	10
HSORB55	55 lbs., Med.	1

Terramark

A temporary blue colorant used when applying liquid pesticides and water based fertilizers. Especially helpful when applying herbicides to mark areas applied.

ITEM #	SIZE	#/CS
TERR1	1 Gallon	1

Others are available. Let us meet your chemical needs.

caSSco

Chemical Conversion Charts

Equivalent Quantities of Liquid Materials for Various Quantities of Water (Emulsions, Concentrates, Etc.)							
Water	Quantity of Material						
100 gal	4 fl oz	8 fl oz	1 pt	2 pt	3 pt	4 pt	5 pt
50 gal	2 fl oz	4 fl oz	8 fl oz	1 pt	24 fl oz	1 qt	2½ pt
5 gal	¼ fl oz	1 tbsp	1 fl oz	2 fl oz	2½ fl oz	3 fl oz	5 fl oz
1 gal	¼ fl oz	½ tsp	1 tsp	2 tsp	3 tsp	4 tsp	5 tsp

EXAMPLE: If 2 pints (64 oz) of liquid concentrate is the recommended amount for 100 gallons of water, 2 tsp of liquid concentrate in a gallon of water will give you a mixture of equivalent strength.

Equivalent Quantities of Dry Materials for Various Quantities of Water (Wettable Powders)								
Water	Quantity of Material							
100 gal	4 oz	8 oz	1 lb	2 lb	3 lbs	4 lb	5 lb	6 lb
50 gal	2 oz	4 oz	8 oz	1 lb	1½ lb	2 lb	2½ lb	3 lb
5 gal	¾ tsp	7½ tsp	5 tbsp	1½ oz	2½ oz	¾ oz	4 fl oz	5 oz
1 gal	¾ tsp	1½ tsp	1 tbsp	2 tbsp	3 tbsp	4 tbsp	5 tbsp	6 tbsp

EXAMPLE: If 8 oz of wettable powder is the recommended amount for 100 gallons of water, 1 ½ tsp of wettable powder in a gallon of water will give you a mixture of equivalent strength.

NOTE: Wettable powders, dry flowables and water dispersible granules vary so much density that it is not possible to give accurate measures in teaspoons and tablespoons. The teaspoon and tablespoon measurements above are approximations only.