

## ADJUVANTS

### BLUE COLORANT

**CONTAINS:** A concentrated non-staining dye.

**USE ON:** Turf, non-crop areas, ornamental plants and in fertilizer injectors.

**FOR:** Spray pattern indicator or fertilizer injector tracer.

**RATE:** Hand Sprayer 1/2 - 1 TBS. per gallon or 8 oz to 1 quart per acre.

See label for fertilizer injector rates.

**APPLICATION:** To be mixed with pesticides or fertilizers in sprayers or injectors tanks.

**PACKED:** 12 x Qt. - #20893, 4 x Gal. - #20894

### DEFOAMER

**CONTAINS:** silicone based anti foaming agent

**USE ON:** Agricultural and Ornamental spray tanks for reducing amount of foam in spray and dip tanks.

**RATE:** 1/4 to 1 oz. per 100 gallons of spray.

**APPLICATION:** Add to spray tank as needed to reduce foam.

**PACKED:** 12 x Qt. - #27003

### HERBI - OIL 83-17

**CONTAINS:** Paraffin-based petroleum oils and a blend of oil soluble surfactants.

**USE ON:** Weeds with post emergent herbicides according to the label. Use with herbicides like Atrazine 4L Herbicide.

**FOR:** Increasing the effectiveness of herbicides.

**RATE:** 1% Emulsion or 1 1/4 oz. per gallon, 1 pt. in 12 1/2 gallons.

**APPLICATION:** Apply as a foliar spray with herbicides according to their label.

**PACKED:** 4 x 1 Gal. - #39734

### METHYLATED SEED OIL

**CONTAINS:** 100% Methylated seed oil blend and other principal functioning agents

**USE ON:** Weeds with post emergent herbicides according to the label. Use with herbicides like Manor, Celcius, Quinclorac 75 DF and Revolver.

**FOR:** Increasing the effectiveness of herbicides.

**RATE:** 1 to 4 pints per acre.

**APPLICATION:** Apply as a foliar spray with herbicides according to their label.

**PACKED:** 12 x quart - #48053

### SPREADER STICKER

**CONTAINS:** Modified phthalic glycerol alkyl resin, Octyl phenoxy polyethoxy ethanol and Isopropanol

**USE:** With almost all insecticide and fungicide sprays on Fruit, Ornamentals and Vegetables.

**FOR:**

1. Aids in spreading of spray material on waxy leaved plants such as Roses and Cabbage.
2. Helping to retain spray material from weathering due to rain and dew.
3. Increasing effectiveness of insecticide and fungicide sprays.

**RATE:** Use 3 pints (48 ounces) per 100 gallon of spray or 1 TBS per gallon.

**PACKED:** 4 x 1 Gal. - #57854

## SURFACTANT FOR HERBICIDES

**CONTAINS:** 80% non-ionic Surfactant.

**USE:** With almost all herbicide sprays.

**FOR:** Reducing the surface tension of water to insure more uniform coverage and penetration of weed killers.

**RATE:** 1 pint per 100 gallons or 1 tsp. per gallon

**PACKED:** 4 x Gal. - #66754

## FUNGICIDES

### SA 20 DISINFECTANT

**CONTAINS:** 10% dimethyl benzylammonium chloride and 10% dimethyl ethylbenzyl ammonium chloride

**USES:**

**Disinfecting greenhouse areas, pots**

**and tools-** 1 Tablespoon per gallon

**Orchid Culture-** 1-2 Tablespoons per gallon

**Algae Control-** 1 Tablespoon per gallon

**Treat Seedlings & Bulbs-**

1 Teaspoon per gallon

**Other Usages-** 1- 1.5 teaspoons per gallon

**APPLICATION:** Mix with water. Depending upon specific use this product may be used as a spray, drench, soak or a dip.

**PACKED:** 4 x 1 Gal. - #61554, 30 Gal. - 61559, 55 Gal. - #61556

## PLANT GROWTH REGULATOR

### FLOREL

#### Plant Growth Regulator

**CONTAINS:** 3.9% Ethephon

1. Flower induction in many Bromeliads.

2. Hybrid seed production of squash, cucumber, and pumpkin by changing sex expression.

3. Defoliation roses, of apples (in Washington), and tall hedge for early transplant.

4. Increase lateral branching of certain ornamentals (Azalea, Garden Chrysanthemum, Fuchsia, Zonal Geranium, Ivy Geranium, Lantana, Verbena, Vinca major).

**RATE:** 16 oz per 10 gallons for most ornamental uses. Check label for crop and use.

**APPLICATION:** apply as a foliar spray.

**PACKED:** 12 x Qt. - #36003, 4 x 1 Gal. - #36004

## HERBICIDES

### 2,4-D AMINE WEED KILLER

**CONTAINS:** 3.8 lbs. per gallon 2,4-D acid equivalent liquid concentrate in a low volatile amine form.

**USE ON:** Certain grasses in lawns, parks, golf courses, and pastures; fences, ditchbanks, non-crop sites, small grains, and corn

**CONTROLS:** Many Broad-leaved Weeds.

**RATE:** 2- 3 TBS in 3- 5 gallon to cover 1,000 sq. ft.

**APPLICATION:** Apply as a coarse low pressure spray, preferably with fan type nozzle. CAUTION: SPRAY TO ACCURATELY OBTAIN INDICATED COVERAGE WITHOUT OVERLAP. AVOID DRIFT TO SUSCEPTIBLE PLANTS.

**PACKED:** 4 x Gal. - #17384,

2 x 2.5 Gal. - #17408

### UPI SURFLAN® A.S.

**CONTAINS:** 40.4% Oryzalin (4 lb. Surflan per gallon).

**USE ON:** Landscape ornamentals, Noncropland, Non-bearing trees and vines, Industrial sites, Established warm season turf, and other labeled areas.

**CONTROLS:** preemergent surface-applied herbicide for up to 8 month control of annual grasses and many broadleaf weeds from seed.

**RATE:**

**Ornamentals:** 1.5 - 3 oz. per 1000 sq. ft.

**Turf:** 1 - 1.5 oz per 1000 sq. ft.

(do not reseed for 90 - 120 days following application)

**APPLICATION:** Safe to spray over-the-top of listed ornamentals in sufficient water to cover area. May also be tank mixed with Round-up (direct spray away from plants) or Vantage (Poast).

**PACKED:** 12 x Qt. - #66823, 4 x Gal. - #66814

# INSECTICIDES

## BIFENTHRIN NURSERY

### Granular Insecticides

**For use as a quarantine treatment against imported fire ants and for balled and containerized nursery stocks**

**CONTAINS:** 0.2% Bifenthrin on sand base.

**CONTROLS:** Imported Fire Ants, Fungus Gnat Larvae, Mealybugs, Root Weevil larvae, White Grubs, Black Vine larvae

**RATE:** 200 to 600 lbs. per cubic yard of soil

**APPLICATION:** Incorporate into potting soil.

**PACKED:** 50 lb. - #20689

## CHLORPYRIFOS<sup>®</sup> 1%

### MOLE CRICKET BAIT

FOR USE ONLY ON GOLF COURSES, SOD FARMS, ROAD MEDIANS AND COMMERCIAL ORNAMENTAL NUSERIES

**CONTAINS:** 1% Chlorpyrifos bait.

**CONTROLS:** Ants, Armyworms, Billbugs, Crickets, Earwigs, Grasshoppers, Mole Crickets and Sowbugs

**RATE:** 2.5 lbs. per 1,000 sq. ft.

**APPLICATION:** Apply evenly over area with a fertilizer spreader.

**PACKED:** 40 lb. - #30930

## CHLORPYRIFOS<sup>®</sup> 2.5% GRANULAR INSECTICIDE

**CONTAINS:** 2.5% Chlorpyrifos

**USE ON:** Sod Farms, Golf Course Turf, Outdoor Areas around Industrial Plant Sites and Ornamental Nurseries for Commercial Production

**CONTROLS:** Many insects such as Ants, Armyworms, Billbugs, Ticks, Crickets, Cutworms, Earwigs, Fleas, Sod Webworms, Grubs.

**RATE:** Turf, Nursery, Industrial Plant Sites- 1 lbs. per 1,000 sq. ft. Fire Ant Control - 2 TBS per mound. Imported Fire Ant Control in Ornamental Nurseries - 1 lb. per cubic yard of media or 250 lbs. per acre.

**APPLICATION:** Turf- spread evenly with spreader, water in thoroughly for most insects.

**PACKED:** 50 lb. bag- #30958

## LAWNSTAR GRANULAR INSECTICIDE

**CONTAINS:** 0.2% Bifenthrin on a granular base.

**USE ON:** Lawns, Perimeters, Boundary area, industrial sites, parks, ball fields, cemeteries, Fire Ant mounds, industrial sites and electrical sites.

**CONTROLS:** Ants, Armyworms, Billbugs, Centipedes, Chinch Bugs, Cockroaches, Cutworms, Fire Ants, Fleas, Leafhoppers, Millipedes, Mole Crickets, Ticks and webworm.

**RATE:** Lawns; 1.15 - 4.6 lbs. per 1,000 sq. ft.

**APPLICATION:** Spread evenly with spreader and water in.

**PACKED:** 25 lb. - #20677

## MALATHION 50% E.C.

**CONTAINS:** 50% Malathion

(4.4 lbs. per gal).

**USE ON:** Citrus, Ornamentals, Many Garden Vegetables, Many Fruit Trees, Rice, Strawberries, Outdoor areas

**CONTROLS:** Aphids, Scale, Worms, Japanese Beetle, Horn Flies, Lice, Ticks, Fleas, Bed Bugs, Thrip, Leafminers, Spider Mites and Mosquitoes (use at 4 1/2 ozs per gallon in outdoor areas).

**RATE:** Foliar Sprays 1 - 4 Tsp. per gallon water. See label.

**APPLICATION:** Foliar spray only.

**PACKED:** 4 x Gal. - #45774,  
2 x 2.5 Gal. - #45778

## MOLE CRICKET BAIT

### with Carbaryl

**CONTAINS:** 5% Carbaryl Insecticide on an attractant feed base.

**USE ON:** Vegetables, Flowers, Fruits, Lawns, and Ornamentals.

**CONTROLS:** Cutworms, Armyworms, Crickets, Darkling Ground Beetles, Grasshoppers and Sowbugs.

**RATE:** 0.45 lb. to 0.9 lb. per 1,000 sq. ft.

**APPLICATION:** Apply evenly over area with fertilizer spreader.

**PACKED:** 40 lb. - #49519

## PARAFINE HORTICULTURAL OIL

**CONTAINS:** 98% Oil (92% Unsulfonated Residue).

**USE ON:** Many Woody Ornamentals, Apples, Citrus, Avocados, and Mangos, Roses, and Ivy. Also may be used as a Plant Shine.

**CONTROLS:** Scales, White Fly Larvae, Mealy Bugs, and Spider Mites.

**RATE:** Non-dormant uses; 1 - 4 Tbs./gal (2 - 5 Qt. /100 gl.).

Dormant uses; 4 - 8 Tbsp./gal

(6 - 12 Qt. / 100 gl.).

See label for specific uses.

**APPLICATION:** Mix with water and agitate frequently. Apply as a thorough cover spray.

**PACKED:** 2 x 2.5 Gal. - #54288,  
30 Gal. drum - #54289

## PAYBACK FIRE ANT BAIT

**CONTAINS:** 0.015% Spinosad

(same active in Conserve)

**USE ON:** Lawns, Perimeter of Home and around Ornamental Plants

(Flowers, Shrubs & Trees)

**CONTROLS:** Fire Ants.

**RATE:** 4 Tbs per mound or broadcast at 1/2 - 3/4 cup per 1,000 sq. ft. 12 oz treats up to 5,000 sq ft or 10 mounds.

**APPLICATION:** Sprinkle bait evenly over and around each mound in a 4 ft diameter circle. Do not disturb mounds. **OR** Broadcast with a hand held or ground driven rotary spreader.

**PACKED:** 9 lb bag - #54339

## PERMETROL LAWN

### INSECTICIDE GRANULES

**CONTAINS:** 0.5% Permethrin granular.

**USE ON:** Lawns and around House

Foundations

**CONTROLS:** Ants, Armyworms, Billbugs, Centipedes, Chinch Bugs, Cockroaches, Crickets, Cutworms, Fire Ants, Flea Beetles, Fleas, Grasshoppers, Lawn Moths, Leafhoppers, Scorpions, Silverfish, Spiders, Sod Webworms and Ticks

**RATE:** Lawns; 2 - 3 lbs. per 1,000 sq. ft.

Fire Ant Mounds; 1 cup per mound

**APPLICATION:** Spread evenly with spreader and water in.

**PACKED:** 40 lb. - #55520 on corn cob carrier or #55529 on dolomite carrier

## SNAIL AND SLUG BAIT

**CONTAINS:** 3.25% Metaldehyde bait.

**USE ON:** Many Fruit Trees, Many Berry

Crops, Many Vegetables, Ornamentals, Turfgrass lawns, Seed Grasses, Greenhouses

**CONTROLS:** Land Snails and Slugs.

**RATE:** 1 lb. per 1,100 to 1,500 sq. ft. or 30 - 40 lbs. per acre.

**APPLICATION:** Spread evenly over area.

**PACKED:** 40 lb. - #64459

## THURICIDE<sup>®</sup> BT

### CATERPILLAR CONTROL

**CONTAINS:** Bacillus Thuringiensis liquid

**USE ON:** Many Vegetables, Citrus, Nuts, shrubs,

trees, Tobacco, and flowering plants.

**CONTROLS:** Cabbage Looper, Orange Dog, Tobacco Hornworm, Imported Cabbageworm, Rindworm.

Controls only Worms and Caterpillars.

**RATE:** 2 - 4 Tsp. per gallon.

**APPLICATION:** Mix with water, add spreader-sticker, use as a thorough cover spray.

**PACKED:** 4 x Gal. - #69204



# CHELATED MINOR ELEMENTS & NUTRITIONALS

## ALGAE GREEN

### Cold Process Seaweed Liquid Extract

Guaranteed Analysis (in fresh product):

Total soluble Nitrogen (N) =0.080%

Available Phosphate (P2O5) =0.015%

Soluble Potash (K2O) =0.310%

Available Sodium (Na) =0.300%

Derived from fresh Ascophyllum nodosum

**RATE:** 2 - 3 Gallons per Acre

**PACKED:** 2 X 2.5 gallon #16608, 55 Gallon #16606

## CHELATED GENERAL PURPOSE MINOR ELEMENT SPRAY

**CONTAINS:** Iron 2.75%, Manganese 1.00%, Zinc 0.50%, Magnesium 0.50%, Copper 0.25%, and Sulfur 3.8%.

**USE ON:** Flowers, Shrubs, Trees, Vegetables and Lawns.

**TO CONTROL:** Minor Element Deficiencies, yellowing of foliage, and to aid in the reduction of pH of spray water, which increases the stability of many pesticides.

**NOTE:** Deficiency symptoms are normally an indication of improper soil pH. Check and correct if necessary.

**RATE:** Foliar: 1 Tbs./gal. (3 pts. per 100 gallons).

Drench: 10 fl. oz./ 10-15 gallons of water / 1000 sq. ft.

Lawns: 1 pt./1,000 sq. ft. Vegetables: 1-2 quarts per acre.

Trees: 2-4 quarts per 500 gl., Ornamentals: 1-2 pints per 100 gl.

**APPLICATION:** Mix with water. Apply as a drenching spray.

**PACKED:** 2x2.5 Gallon - #23418 and 55 gallon drums - #23416.

## CHELATED LIQUID IRON

**CONTAINS:** Iron 5%.

**USE ON:** Flowers, Shrubs, Trees, Vegetables and Lawns.

**TO CONTROL:** Iron deficiency (Yellowing of foliage), and to aid in the reduction of pH of spray water, which increases the stability of many pesticides.

**RATE:** Foliar: 1 Tbs./gal. Soil Drench: 1 fl. oz./100 sq. ft.

Lawns: 1 pt./1000 sq. ft. Vegetables: 1-2 quarts per acre.

Trees: 2-4 quarts per 500 gallons. Ornamentals: 1-2 pts / 100 gal

**APPLICATION:** Mix with water. Apply as a drenching spray.

**PACKED:** 2x2.5 Gallon - #23428 and 55 gallon - #23426.

## CHELATED 5% MANGANESE

**CONTAINS:** Manganese 5%.

**USE ON:** Vegetables and Field crops, Citrus, Apples, other Tree crops, and Ornamentals

**TO CONTROL:** For correction and prevention of Manganese deficiencies and to aid in the reduction of pH of spray water, which increases the stability of many pesticides.

**RATE:** Vegetables: 1-2 qts. per acre. Trees: 2-4 quarts per 500 gl.

Ornamentals: 1-2 pints per 100 gallons.

**APPLICATION:** Mix with water. Apply as a thorough cover spray.

**PACKED:** 2x2.5 Gallon - #23468.

## CHELATED PALM NUTRITIONAL

**CONTAINS:** 2.50% Manganese, 1.50% Magnesium, and 1.0% Iron.

**USE ON:** Palms, and other Ornamentals.

**CONTROLS:** Nutritional deficiencies in Palms and other ornamentals, and to aid in the reduction of pH of spray water, which increases the stability of many pesticides.

**RATE:** Palms: 1 - 2 tablespoons per gallon (1.5-3 qt. / 100 gl.) for preventative, 1 - 2 ounces per gallon (3-6 qt. per 100 gl.) for curative. Ornamentals: see label.

**APPLICATION:** Apply as a thorough cover spray to run off, also try to spray directly in the heart.

**PACKED:** 2x2.5 Gallon - #23398

## 12-0-0 6%Fe, 2% Mn

**CONTAINS:** Nitrogen 12.0%, Iron 6.0%, Manganese 2.0%, and Sulfur 4.0%.

**USE ON:** Lawns, Turf, Golf Course, Shrubs, and Ornamentals..

**TO CONTROL:** To control and prevent Minor Element problems and to supply Nitrogen to the plants.

**RATE:** Orn: 1-2 Quarts per acre Turf: 2 Quarts - 3 gallons per acre

**APPLICATION:** Mix with water. Apply as a thorough cover spray.

**PACKED:** 2x2.5 Gallon - #76988, 55 Gallon Drum - #76986, & Bulk

## HIIRON GRANULES PLUS

**CONTAINS:** Iron 16.0%, Manganese 3.0%, Zinc 2.0%, Copper 0.50%, Combined Sulfur 15.0%, Boron .10%.

**USE ON:** Lawns, Turf, Landscapes, and Nursery.

**FOR:** The correction or prevention of Iron and other minor element deficiencies.

**RATE:** Turf: 2.5 - 5 lb. per 1,000 sq. ft.

Nursery: incorporate in soil at 1 lb. per cu. yd.

Landscapes: 1/4-1/2 cup per 100 sq. ft.

**APPLICATION:** Apply dry, broadcasting over treatment area. Water in thoroughly.

**PACKED:** 25 lb. bag

## ESSENTIAL MINOR ELEMENTS

**CONTAINS:** Magnesium 8.5%, Manganese 2.5%, Iron 4.0%, Copper 0.25%, Sulfur 8.0%, Zinc 1.0%, Boron .025%, Molybdenum .002%.

**Essentially the same as Perk<sup>R</sup>.**

**USE ON:** Shrubs, Trees, Lawns, Turf, Flower and Vegetable Gardens.

**FOR:** The correction or prevention of many minor element deficiencies.

**RATE:** Gardens: **Preventative;** 1/4 - 1/2 cup per 10 sq. ft. or 1 1/4 - 2 1/2 lbs. (2 1/2 - 5 cups) per 100 sq. ft.

**Curative;** 1 cup per 10 sq. ft. or 5 lbs. (10 cups) per 100 sq. ft.

**Turf:** 1 lb. (2 cups) per 100 sq. ft. or 10 lbs. per 1,000 sq. ft.

**APPLICATION:** Apply dry, broadcasting over treatment area.

Water in thoroughly.

**PACKED:** 25 lb. - #04607, 40 lb. - #34409

## OTHER PRODUCTS AVAILABLE

DYNA-FLO 0-2-12 7% SILICONE

DYNA-FLO 0-0-30 P. CARB

DYNAZONE 18-0-6 50% CRN

DYNAZONE 18-3-6 30% CRN

DYNAGOLD CHELATED CALCIUM

DYNAGREEN CHELATED MAGNESIUM

DYNAGREEN CHELATED MANGANESE

DYNAGREEN CHELATED ZINC

Available from:

**SOUTHERN AGRICULTURAL INSECTICIDES INC.**

**Phone: (941) 722-3285 Toll Free: (800) 477-3285**

**Fax: (941) 723-2974**

**SA SOUTHERN****50AG®**

# SOLUBLE FERTILIZERS

## SA SOLUBLE FERTILIZER 5-11-26 HYDROPONIC SPECIAL

**CONTAINS:** 5% Nitrogen (5.0% Nitrate Nitrogen), 11% Phosphorus ( $P_2O_5$ ), and 26% Potassium ( $K_2O$ ), Ch. Manganese 0.05%, Ch. Iron 0.30%, Ch. Zinc 0.05%, Copper 0.05%, Boron 0.02%, Molybdenum 0.01%, and Water Soluble Magnesium 3.20%.  
**PACKED: 25 lb. poly bag - #64777**

## SA SOLUBLE FERTILIZER 10-30-20 BLOOM BOOSTER SPECIAL

**CONTAINS:** 10% Nitrogen (5.1% Nitrate Nitrogen and 4.9% Ammoniacal Nitrogen), 30% Phosphorus ( $P_2O_5$ ), and 20% Potassium ( $K_2O$ ), Ch. Manganese 0.05%, Ch. Iron 0.10%, Ch. Zinc 0.05%, Copper 0.05%, Boron 0.02%, Molybdenum 0.0005%.  
**PACKED: 25 lb. poly bag - #64797**

## SA SOLUBLE FERTILIZER 12-48-8 PLANT STARTER

**CONTAINS:** 12% Nitrogen (2.3% Nitrate Nitrogen, 9.1% Ammoniacal Nitrogen, and 0.6% Urea Nitrogen), 48% Phosphorus ( $P_2O_5$ ), 8% Potassium ( $K_2O$ ), Ch. Manganese 0.05%, Ch. Iron 0.10%, Ch. Zinc 0.05%, Ch. Copper 0.05%, Boron 0.02%, Molybdenum 0.0005%.  
**USE ON:** Transplanted Tobacco, most Vegetables, Ornamentals, or any crop where high phosphate is desired.  
**RATE:** Transplant solution and drench; 3 lbs. per 50 gallons. Spray; 5 lbs. per 100 gallons.  
**APPLICATION:** Transplant solution use 1/2 to 1 pint per plant or 1 pint per 4 ft. of row.  
**PACKED: 16x3 lb. - #09803 and 25 lb. poly bag - #64807**

## SA SOLUBLE FERTILIZER 13-2-13 High Nitrate Soluble Fertilizer Contains 6% Calcium and 3% Magnesium

**CONTAINS:** 13.00% Nitrogen (11.90% Nitrate Nitrogen 1.10% Ammoniacal Nitrogen) 2.00% Phosphorus ( $P_2O_5$ ), 13.00% Potassium ( $K_2O$ ), 6.00% Calcium, 3.00% Water Soluble Magnesium as (Mg), 0.02% Boron (B), 0.05% Copper (Cu), 0.05% Chelated Copper (Cu), 0.10% Iron (Fe), 0.10% Chelated Iron (Fe), 0.05% Manganese (Mn), 0.05% Chelated Manganese (Mn), 0.0005% Molybdenum (Mo), 0.05% Zinc (Zn), 0.05% Chelated Zinc (Zn), Chlorine (Cl) - not more than 1.00%.  
**PACKED: 25 lb. poly bag - #64937**

## SA SOLUBLE FERTILIZER 20-2-20 NITRATE SPECIAL

**CONTAINS:** 20% Nitrogen (11.4% Nitrate Nitrogen, 0.4% Ammoniacal Nitrogen, and 8.2% Urea Nitrogen), 2% Phosphorus ( $P_2O_5$ ), and 20% Potassium ( $K_2O$ ), Ch. Manganese 0.05%, Ch. Iron 0.10%, Ch. Zinc 0.05%, Ch. Copper 0.05%, Boron 0.02%, Molybdenum 0.0005%.  
**PACKED: 25 lb poly bag - #64837**

## SA SOLUBLE FERTILIZER 20-5-30

**CONTAINS:** 20% Nitrogen (9.1% Nitrate Nitrogen, 0.9% Ammoniacal Nitrogen, and 10% Urea Nitrogen), 5% Phosphorus ( $P_2O_5$ ), and 30% Potassium ( $K_2O$ ), Ch. Manganese 0.05%, Ch. Iron 0.10%, Ch. Zinc 0.05%, Ch. Copper 0.05%, Boron 0.02%, Molybdenum 0.0005%.  
**PACKED: 25 lb. poly bag - #64857**

## SA SOLUBLE FERTILIZER 20-10-20 NITRATE SPECIAL

**CONTAINS:** 20% Nitrogen (12.06% Nitrate Nitrogen, 7.94% Ammoniacal Nitrogen), 10% Phosphorus ( $P_2O_5$ ), and 20% Potassium ( $K_2O$ ), Ch. Manganese 0.05%, Ch. Iron 0.10%, Ch. Zinc 0.05%, Copper 0.05%, Boron 0.02%, and Molybdenum 0.0005%.  
**PACKED: 25 lb. poly bag - #64847**

## SA SOLUBLE FERTILIZER 20-20-20 GENERAL PURPOSE

**CONTAINS:** 20% Nitrogen (5.98% Nitrate Nitrogen, 6.0% Ammoniacal Nitrogen, and 8.02% Urea Nitrogen), 20% Phosphorus ( $P_2O_5$ ), and 20% Potassium ( $K_2O$ ), Ch. Manganese 0.05%, Ch. Iron 0.10%, Ch. Zinc 0.05% Ch. Copper, Boron 0.02%, Molybdenum 0.0005%.  
**USE ON:** House Plants, Hanging Baskets, Orchids, Annuals, Shrubs, Trees, Vegetables and for Lawns.  
**RATE:** Spray: 5 lbs. per 100 gallons. Drench: 2 lbs. per 100 gallons. Constant feed: 100-200 ppm.  
Turf: 1 lb. in 10 gallons per 1,000 sq. ft.  
**APPLICATION:** Spray: thoroughly every 7 - 10 days.  
Drench: 100 gallons per 400 sq. ft.  
**PACKED: 10x5 lb. - #11305 and 25 lb. poly bag with dye - #64737 or without dye - #64727**

## SA SOLUBLE FERTILIZER 24-8-16

**CONTAINS:** 24% Nitrogen (5.0% Nitrate Nitrogen, 5.0% Ammoniacal Nitrogen, and 14% Urea Nitrogen), 8% Phosphorus ( $P_2O_5$ ), and 16% Potassium ( $K_2O$ ), Ch. Manganese 0.05%, Ch. Iron 0.10%, Ch. Zinc 0.05%, Ch. Copper 0.05%, Boron 0.02%, and Molybdenum 0.0005%.  
**PACKED: 25 lb. poly bag - #64887**

## SA SOLUBLE TURF SPECIAL 30-7-14

**CONTAINS:** 30% Nitrogen (4.3% Nitrate Nitrogen, 1.3% Ammoniacal Nitrogen, and 24.4% Urea Nitrogen), 7% Phosphorus ( $P_2O_5$ ), 14% Potassium ( $K_2O$ ), 0.2% Iron, .05% Manganese, and .05% Zinc, Ch. Copper 0.05%, Boron 0.02%, Molybdenum 0.0005%.  
**USE ON:** Lawns, Golf Courses, and Turf areas (or any other area where analysis is desirable).  
**FOR:** To supply all fertilizer necessary to grow healthy grass or as a supplement to dry fertilizer for quick greening and growth.  
**RATE:** 1-3 lbs. in 10 to 20 gl. of water per 1000 sq. ft.  
**APPLICATION:** every 1 to 2 months depending on rate and desired growth and color.  
**PACKED: 25 lb. poly bag - #64877**

Custom Analysis available in over 2 ton quantities.