



CONTROLLED-RELEASE FERTILIZER

14-14-14

**FEEDS PLANTS AT A CONSTANT RATE FOR 3 MONTHS
FOR USE ON ALL HOUSE AND PATIO PLANTS,
ALL FLOWERS AND ALL VEGETABLES.**

Bedding Plants:
mix 1 lb. per
10 square feet, and
incorporate 4 to 6
inches deep.

Containers:
1 1/2 tsp. per 6" pot
(see back for more
detail and rates)



GUARANTEED ANALYSIS:

TOTAL NITROGEN (N)*	14.0%
5.80% Nitrate Nitrogen (N)	
8.20% Ammoniacal Nitrogen (N)	
AVAILABLE PHOSPHATE (P ₂ O ₅)*	14.0%
SOLUBLE POTASH (K ₂ O)*	14.0%
Chlorine not more than 1.0%	

PLANT NUTRIENTS DERIVED FROM:

Ammonium nitrate, ammonium phosphates, calcium phosphates and potassium sulfate.

* The nitrogen, phosphorus, and potassium sources have been coated to provide 12% coated slow-release nitrogen (N), 12% coated slow-release phosphoric acid (P₂O₅), 12% coated slow-release soluble potash (K₂O).

Guaranteed By: Southern Agricultural Insecticides, P.O. Box 218, Palmetto, Fl. 34220

KEEP OUT OF REACH OF CHILDREN

CAUTION

May be harmful if swallowed. Do not ingest.
Keep away from Children and Pets. Store in a cool, dry area.

Packaged and Distributed by:

Southern Agricultural Insecticides, Inc.

P.O. Box 218
Palmetto, Fl 34220

P.O. Box 429
Hendersonville, NC 28793

P.O. Box 85
Boone, NC 28607

F672 J4

Net Weight: 20lbs. (9.1 kg.)

SA-50 Controlled-Release Fertilizer 14-14-14 is a "constant-feed" fertilizer that last for 3 months. Applications of this fertilizer provide continuous metering of Nitrogen, Phosphorous, and Potassium to the plant. This eliminates the feast or famine associated with conventional soluble fertilizers, and helps ensure an ideal level of nutrients for optimum plant nutrition. **SA-50 Controlled-Release Fertilizer 14-14-14** is basically unaffected by watering because the nutrient release is affected only by change in soil temperature. The release rate of each fertilizer prill increases as the soil warms, and decreases as the soil cools, therefore corresponding to plant growth needs.

DIRECTIONS FOR USE

ESTABLISHED PLANTINGS

Apply at 3 to 4 month intervals. For potted plants apply uniformly to the soil surface using:

Container Size	Rate	Container Size	Rate
4" Pot	1/2 tsp.	1 Gal. Pot	2 tsp.
5" Pot	1 tsp.	3 Gal. Pot	2 1/2 Tbls.
6" Pot	1 1/2 tsp.	5 Gal. Pot	4 Tbls.
8" Pot	1 Tbls.	10 Gal. Pot	6 Tbls.
10 " Pot	2 1/2 Tbls.	15 Gal. Pot	7 Tbls.
12" Pot	4 Tbls.	20 Gal. Pot	9 Tbls.

For bedding plants apply uniformly to soil surface at a rate of 1/4 lb. (1/4 cup) per 10 square feet. Till lightly into top 1/2" or 1" of treated area if tilling will not damage plant roots.

Note: Use 1/2 recommended rates on sensitive plants such as rhododendrons, azalea, ferns, etc.

NEW PLANTINGS

POTTED PLANTS: Incorporate uniformly throughout the soil at the rate of 4 to 6 ounces (1/4 to 1/2 cupfuls) per cubic foot of soil.

BEDDING PLANTS: Mix with soil to a depth of 4 to 6 inches at the rate of 3/4 to 1 lb. (3/4 to 1 cupfuls) per 10 square feet.

NOTE: Plants started from seed, propagated, or young seedlings should be treated initially with 1/2 the above rate.

PETUNIAS, MARIGOLDS, IMPATIENS and OTHER FLOWER TRANSPLANTS: When planting, apply 1/2 teaspoon under each cell-pack plant, or 1 teaspoon under a 4" pot size transplant. Water well.

TOMATOES, PEPPER, and OTHER VEGETABLE TRANSPLANTS: When planting, apply 3 to 5 teaspoons under each well root transplant, then water. If reapplication is necessary, surface apply 5 teaspoons of controlled-release fertilizer per plant.

NOTE: When applying controlled-release fertilizer to flower and vegetable transplants, make a planting hole. Then apply the recommended amount of controlled-release fertilizer to the bottom of the hole. Set the transplant in the hole without plunging the plant into or through the fertilizer. Fill in around the plant with soil mixture and water thoroughly.

NOTE: The polymer coating technology is based on changes in soil temperature to release the nutrients from the prill. The 3-4 month rating is based on 70°F. Shorter terms can be expected in warmer growing conditions, longer terms in cooler growing conditions.

WARRANTY STATEMENT

Warranty of this material, either expressed or implied, is limited to a guarantee of the composition as shown on the label in as much as uses are beyond the seller's control. For the same reason, seller is not liable for any injury to living things, crops, soils, or materials which may result from the use or storage of this material.