



REGIM-8

PLANT GROWTH REGULATOR

ACTIVE INGREDIENT: Percent
 Dimethylamine salt of
 2,3,5-triiodobenzoic acid* 14.2

INERT INGREDIENTS: 85.8
TOTAL 100.0

*Equivalent to 2,3,5-triiodobenzoic acid
 13.1 percent — 1.25 lb./gal.
 USDA Reg. No. 3125-261

CAUTION: KEEP OUT OF THE REACH OF CHILDREN AND ANIMALS.

Harmful if swallowed. Active ingredient may be absorbed following skin contact and irritation may result. Wash exposed areas thoroughly with soap and water. Wear safety goggles when handling concentrate. In the event of exposure, wash eyes immediately with large amounts of water. If irritation persists, contact a physician.

Do not reuse container. Destroy when empty.

STOP — READ THE LABEL BEFORE USE

SOLD BY



Net Contents — One Quart

ACCEPTED

Jul 19, 1971

UNDER THE FEDERAL INSECTICIDE
 FUNGICIDE AND RODENTICIDE ACT
 FOR ECONOMIC POISON REGISTERED
 UNDER NO. 3125-261

DIRECTIONS FOR USE

IMPORTANT: Read these entire Directions, "How To Use" Information, and Conditions of Sale, including the Warranty and Limitation of Damages provision, before using REGIM 8.

CONDITIONS OF SALE: These Directions for Use and the "How To Use" Information reflect the opinion of experts based on tests of effectiveness, of toxicity to plants and laboratory animals and of residues on or in food and feed under normal conditions of use. However, because of the wide range of conditions under which this product may be used, even though label directions are followed, it is impossible to eliminate all risks associated with its use because of abnormal conditions beyond the control of the seller. Chemagro Corporation and the Seller offer, and the Buyer uses, this product subject to the understanding that the Buyer assumes all such risks.

REGIM-8 plant growth regulator, used with a recommended intensive soybean management system, reduces lodging and increases harvestable bean yields. Do not use REGIM-8 on soybeans grown for forage. REGIM 8 is to be used as a non directed, broadcast overall spray only as follows:

Variety	Expected Yield of Field (bushels/acre)	REGIM 8 Application Rate (fl. oz., acre)
Northern (Indeterminate) Soybeans Bushy types (such as Wayne, SRF 300, Hawkeye, or Clark) in 32" rows or less.	above 45	4
Slender types (such as Amsoy or Harosoy) in 24" rows or less.	below 45	3
Southern (Determinate) Soybeans Bragg, Hampton 266, Lee, Hardee, Hill, Stuart.	above 30	3 1/2

Apply the recommended rate of REGIM 8 in 10 to 20 gallons of water per acre. For aerial application, use a minimum of 3 gallons of water per acre.

For best results, REGIM 8 should be used in combination with

- Narrow rows preferably 32" or less (northern soybeans).
- High plant populations.
- A locally adapted, relatively late maturing variety.
- High soil fertility.
- Certified inoculated seed.
- Effective weed control.

Soybeans sprayed with REGIM 8 will have an abnormal appearance. Sprayed leaves often droop. Leaves formed after spraying may be more erect than normal. Plant size may be reduced by REGIM 8.

Inadequate stands and adverse growing conditions at or following treatment reduce the probability of the beneficial effects of REGIM 8.

For other important and more detailed information see "HOW TO USE" Information Sheet which is enclosed.

WARRANTY AND LIMITATION OF DAMAGES

Chemagro Corporation warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, "How To Use" Information, and Conditions of Sale, subject to the risks referred to therein and to use of the product in accordance with the Directions for Use, and "How To Use" Information. Except as may be otherwise guaranteed in writing, CHEMAGRO CORPORATION MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, and no agent of Chemagro Corporation is authorized to do so except in writing, with a specific reference to this warranty. Any damages arising from a breach of this warranty shall be limited to direct damages, and shall not include consequential commercial damages such as loss of profits or values, etc.

APPLICATION DIRECTIONS

1. REGIM-8 should be applied at the rate of 3 to 4 fluid ounces per acre in 10 to 20 gallons of spray solution (ground-applied) or not less than 3 gallons (aerially-applied) according to the following table:

Variety	Expected Yield of Field (bushels/acre)	REGIM-8 Application Rate (fl.oz./acre)
Northern Soybeans Bushy types (such as Clark, SRF-300, Hawkeye, or Wayne) in 32" rows or less.	above 45	4
Slender Types (such as Amsoy or Harosoy) in 20" rows or less.	35 to 45	3
Southern Soybeans Bragg, Hampton 266, Lee, Hardee, Hill, Stuart.	above 30	3-1/2

2. Apply the recommended amount of REGIM-8 as an overall, non-directed broadcast spray.
3. Under no circumstances should REGIM-8 be applied more than once to the same crop.

RESULTS

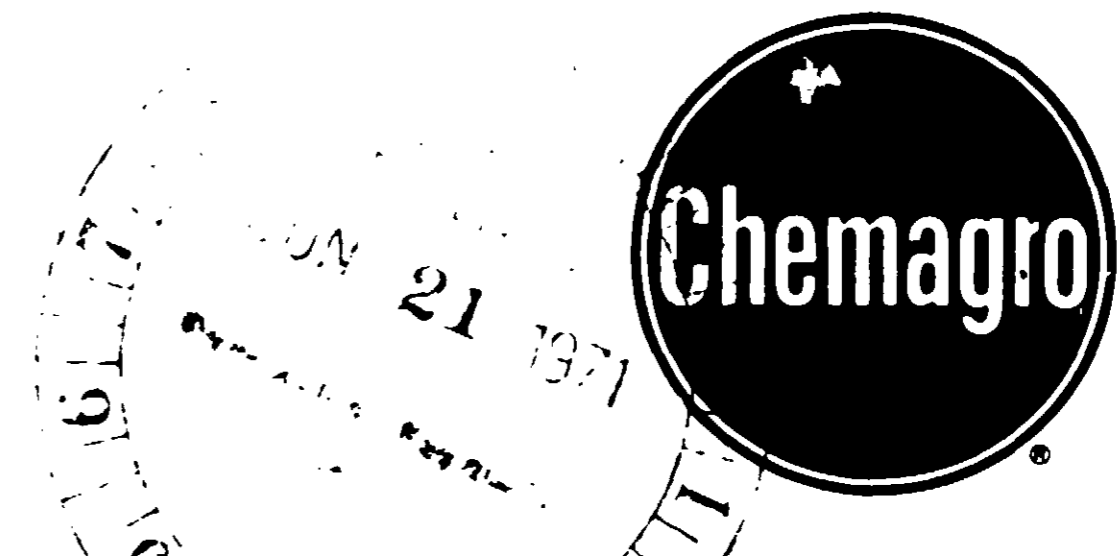
REGIM-8 may reduce plant height up to 15 percent. REGIM-8 is absorbed rapidly by leaves and translocated to other parts of the plant. Symptoms of the effects of REGIM-8 on young leaves include dark green leaf blades with some raised areas or puckering between the veins. Young leaves become oriented vertically. This modified leaf orientation creates a cone-shaped canopy which permits improved penetration of sunlight and results in increased photosynthesis by the lower leaves.

When REGIM-8 is used as one component of a highly productive soybean management system, yields have been increased 10 to 20 percent.

Do not use REGIM-8 on soybeans grown for forage.

The selling price of each unit of REGIM-8 includes a royalty for a license to use that unit as described in U.S. Patent No. 3,325,274. Licenses without purchase of product are available from Chemagro Corporation at the same royalty; presently 2¢ per gram of 2,3,5-triiodobenzoic acid (TIBA) equivalent.

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**HOW TO USE
INFORMATION
REGIM-8
PLANT GROWTH REGULATOR**

GENERAL INFORMATION

REGIM-8 must be applied at the proper rate and time to vigorously growing soybeans for successful results. Deviations from the following management recommendations may result in failure to increase yields.

Fertile fields, where high yields are possible, should be selected for application of REGIM-8. Soybeans limited in growth or yield by low fertility, low pH, poor tilth, improper drainage, or other causes, cannot be expected to respond favorably to REGIM-8.

Weed competition will decrease bean yields and reduce the possibility of a yield increase from REGIM-8. An effective herbicide program should be used to insure adequate weed control.

NORTHERN (INDETERMINATE) SOYBEANS

Narrow rows - generally 32 inches or less - with high plant populations are essential to obtain a favorable response from use of REGIM-8. Population should average 9 plants per foot of row in 30-inch rows, 7 plants per foot of row in 20 inch rows, and 2 to 3 plants per foot in 7-inch drilled rows, or 175,000 to 200,000 plants per acre.

Full season, locally adapted varieties should be

selected. Planting certified, inoculated seed is recommended. REGIM-8 has been applied on the following northern varieties with good results: Amsoy, Clark, Kent, SRF-300, Harosoy, Hawkee, Corsoy, and Wayne, Chippewa is not recommended.

For maximum yield response from northern soybeans. REGIM-8 must be applied within 10 days after the first plants in a field begin to bloom. This stage is often reached when plants are about 12 inches tall, and 5 to 6 trifoliate leaves are fully developed.

Flower development is the most precise indication of an optimum spray date. REGIM-8 may decrease yields if applied before flowering, and may be ineffective if applied later than 10 days after flowering begins. When one plant in ten shows its first flower, the field is in its most ideal stage for treatment.

SOUTHERN (DETERMINATE) SOYBEANS

REGIM-8 must be applied to southern soybeans any time after the third trifoliate leaf is developed, but before the sixth trifoliate is fully expanded. Row spacing is not as important to the success of REGIM-8 on southern as on northern soybeans. Excellent yields and yield increases have frequently been obtained with rows 24"

to 36" wide. Normal populations (125,000 to 175,000 plants per acre) should be present in fields where REGIM-8 is to be used.

The following varieties have responded well to REGIM-8: Bragg, Hampton 266, Lee, Hardee, Hill, and Stuart.

SPRAYER CLEANUP

Small amounts of 2,4-D or other herbicides will injure soybeans and offset beneficial effects from REGIM-8. The following procedure is recommended for removal of residues from sprayer tank, pump, hoses and screens prior to using REGIM-8:

- A. Remove and clean all screens, strainers and nozzles.
- B. Add 12 oz. household detergent and one gallon household ammonia per 100 gallons tank capacity. Fill tank completely, agitate, and circulate through boom and by-pass. Wait one hour.
- C. Discharge at least a portion of the tank contents through boom and nozzles.
- D. Flush tank and lines thoroughly with clean water.
- E. A water flush is sufficient to clean the tank, pump, booms and nozzles after using REGIM-8.