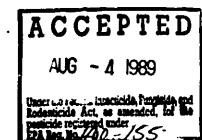
400-155



PM25

# HARVEST GROWTH REGULANT

#### PRECAUTIONARY STATEMENTS HAZAROS TO HUMANS CAUTION

Harmiul II swallowed or Inhaled. Bo not breathe vapors or spray mist. Avoid contact with skin, eyes or clothing. Wear a long sleeve shirt and impermeable gloves during mixing, loading, flagging, or application of HARVADE-5F. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists. Keep away from food or food products.

Wash hands and face thoroughly with scap and water after use and before eating or smoking.

ENVIRONMENTAL HAZARDS Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters. Do not apply when weather conditions favor drift from treated area.

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product through any type of irrigation system.

#### STORAGE AND DISPOSAL Do not contaminate water, food or feed by storage or disposal.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

### CONTAINER DISPOSAL

Plastic Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

## COMPOSITION

UNIRGYAL

CHEMICAL

Total:	100.0%	•
*U.S. Patent No. 3,920,438		
**Contains 4 9 younds of active ingredient i	per gallor	1.



# KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink two large glasses of water and loduce vomiting. Contact a physician.

IF ON SKIN: Wash affected area with plenty of soap and water.

IF IN EYES: Flush eyes with plenty of water for at least 15 minutes. Contact a physician.

IF INHALED: Remove to fresh air; if abnermal symptoms develop, contact a physician.

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

UNIROYAL CHEMICAL COMPANY, INC. Middlatury, CT 06749 EPA REG. NO. 400-155 EPA EST. NO. NARVADE is a registered trademark of UNIROYAL CHEMICAL COMPANY, INC. NET CONTENTS: SHAKE WELL BEFORE USING  $\Delta - 4$ 

003

1:13

#### MIXING INSTRUCTIONS

SHAKE CONTAINER VIGOROUSLY BEFORE USE. Fill the spray tank with 2/3 of the required amount of water. Add the desired amount of HARVADE-SF, the selected grop oil concentrate and remaining required amount of water. The HARVADE-SF and crop oil concentrate will suspend easily with minimum agitation. To assure that container content la emptied - TRIPLE RINSE INTO SPRAY TANK.

#### General Information

#### **DIRECTIONS FOR USE**

HARVADE-SF is a plant growth regulant that effects certain plant processes which lead to defoliation in cotton. Since HARVADE-5F must enter the plant through the leaves for optimum activity, it must be applied in a manner that will allow maximum penetration through the leaf surface. Complete coverage of the entire plant is essential for optimum effectiveness. HARVADE-SF MUST BE USED WITH A MINIMUM OF ONE PINT/A OF THE DESIGNATED GROP OIL CONCENTRATES. HARVADE-5F will Improve the harvest operation by also desiccating most mature morningglory species. Desiccation/defoilation of other weed species such as sicklepod, croton, and teaweed has been observed. Good coverage of these above weeds is necessary for optimum results.

#### Application Equipment:

Nearly all spray application equipment is suitable for applying HARVADE-SF if fine spray droplets can be deposited. If aerial equipment is used, it should be fitted with a fixed boom set at 45-90° relative to the trailing edge of wing and flown 10-12 ft. above the crop canopy.

#### Compatibility:

HARVADE-5F is compatible with most commonly used cotton desiccants, defoliants, and Insecticides. HARVADE-5F has been shown to be incompatible with EPN when used as a tank mix. Consult your supplier or Uniroyal for details.

#### Application Timing

Optimum defollation will be obtained when HARVADE-EF is applied to mature cotton plants; i.e. 70% or more of the bolls open, no active growth, lower leaves have purple tinge. Apply 7-14 days prior to anticipated harvest.

#### **Application Reta**

#### Air Application:

Mix 8 II. oz. of HARVADE-EF plus one pint of the crop oil concentrate designated below in a minimum of 5 gallons of spray solution per acre. If cotton is rank or conditions favor regrowth, see application notes.

#### Ground Application:

Mix 8 fl. oz. of HARVADE-SF plus one plot of the crop oil concentrates designated below in 10-20 gallons of spray solution per acre. If cotton is rank or conditions favor regrowth, see application notes.

One gailon of HARVADE-EF will treat 16 acres of cotton, when applied at the 8 fl. oz. rate.

#### Application Notes:

Partial defoliation from the first application will most likely result from one or more of the following conditions:

- Rank cotton follage is dense enough to innibit spray droplets from reaching bottom leaves.
- · Plants are actively growing, with new growth and fruiting evident at the top.
- Bolls are not 70% open.
- · Cotton is drought stressed. Under this condition, applications should be made before mid morning or at late afternoon.
- Night temperatures are below 60°F for 3-4 nights before or after application.
- Rainfall occurs within 6 hours after application.

Under these conditions a second application of 6 oz/A may be required 5-7 days after initial application. If only the application is desired on rank or actively growing cotton, a mixture of HARVADE-5F with a phosphate defollant has been shown to be advantageous.

#### TANK MIX JINATIONS

#### HARVADE & STEPTS:

HARVADE-EF may be applied with 11/2-22/2 pints of PREP \* to enhance boll opening and control regrowth. Apply this tank mixture when the bolls are 60-70% open.

#### HARVADE-5F plue GRAMOXONE® SUPER:\*\*

On rain-belt cotton if a high percentage of cotton leaves are still actively growing, then 4-6 fl. oz. /A of GRAMOXONE -SUPER should be added to the labeled rate of HARVADE-SF for more complete defoliation.

#### HARVADE-OF plus OROPPO SOWP\*\*\*:

Under conditions that promote excessive regrowth, a tank mix of HARVADE-5F at 6.5 oz/A with one pint of crop oil plus OROPP 50WP at 0.1 - 0.2 Ib/A provides excellent regrowth control. This combination also provides defollation when night time temperatures are below 60°-70°F for 2 - 3 nights preceeding or following application.

的精神

\*PREP® is the registered trademark of Rhone Poulenc Ag Company

\*\*GRAMOXONE\* SUPER is the registered trademark of ICI Americas, Inc.

\*\*\* DROPP+ is the registered trademark of NOR-AM Chemical Co.

#### CROP OIL CONCENTRATES REQUIRED WITH HARVADE-5F

Any petroleum based crop oil concentrate (83-17) or similar to those listed below must be added at 1-2 plms per acre. Agridex', Prime Oil<sup>2</sup>, Super Oil<sup>3</sup>, Surf Oil<sup>4</sup>, Peptoll<sup>3</sup>, Clean Crop Oil Concentrate<sup>4</sup> and Super Savol<sup>7</sup>. These crop oil concentrates are trademarks of <sup>1</sup> Helena Chemical Company, <sup>2</sup> Terra International Inc., <sup>3</sup> Red Panther Cooperative, <sup>4</sup> Cleveland Chemical Company, <sup>5</sup> Drexet Chemical Co., <sup>4</sup> United Agri-Products, Inc. and <sup>7</sup> Leffingwell.

#### **USE PRECAUTIONS**

1. Do not plant rotational crops within 6 months after application.

2. Keep HARVADE drift from non-target areas.

- 3a. Do not apply HARVADE-5F directly to, or parmit mist to drift onto citrus, broccoli, almonds, grapes, pepcers, tomatoes, lettuce, alfalfa, sugarbeets or wheat. These crops may sustain significant injury if contacted with HARVADE-5F.
- b. Do not apply HARVADE-5F to, or permit mist to drift onto soll that will subsequently be seeded to peppers. tomatoes, lettuce, broccoli, alfalfa or sugarbeets. Significant crop injury may occur from such an application.
- C. Do not apply HARVADE-SF to, or permit mist to drift onto. Irrigation water that will subsequently be applied to peppers, tomatoes or lettuce.

IMPORTANT NOTICE — Seller warrants that this product conforms to its chemical description and is reasonably fit or the purposes stated on the label when used in accordance with the directions and instructions specified on the label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product, contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

BEST AVAILABLE COPY

A-6