

38167-9

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SETRE CHEMICAL COMPANY

Suite 3200 — Clark Tower
5100 Poplar Avenue
Memphis, Tennessee 38137
(901) 761-0050

SETRE
FLUOMETURON 80WP HERBICIDE

For preemergence and postemergence
weed control in cotton and sugarcane

ACTIVE INGREDIENT:

Fluometuron: 1,1-dimethyl-3-(2,2,2-trifluoro-M-tolyl)
urea 80.0%

INERT INGREDIENTS..... 20.0%

TOTAL.....100.0%

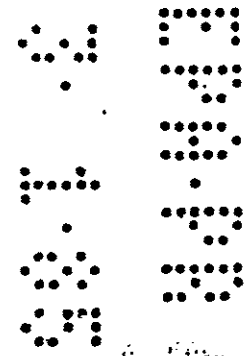
KEEP OUT OF REACH OF CHILDREN
WARNING
SEE ADDITIONAL PRECAUTIONARY STATEMENTS
ON SIDE PANEL.

EPA REG. NO.
EPA EST. NO.*

ACCEPTED
FEB 25 1986
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 38167-9

NET CONTENTS

MANUFACTURED BY
SETRE CHEMICAL COMPANY
MEMPHIS, TN. 38137



PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals

WARNING

Causes eye irritation. Do not get in eyes. Harmful if swallowed, inhaled, or absorbed through the skin. Wear protective clothing, as this product may cause skin rash after repeated exposure. Avoid contact with skin or clothing. Avoid breathing dust or spray mist.

STATEMENT OF PRACTICAL TREATMENT

In case of contact with the eyes, flush with water for at least 15 minutes and get medical attention if irritation persists. In case of contact with skin, wash immediately with plenty of soap and water. If swallowed, drink promptly a large quantity of milk, egg whites, or gelatin solution; if these are not available, drink large quantities of water. Induce vomiting. Avoid alcohol. Call a physician immediately. In case of inhalation exposure, move from the contaminated area.

NOTE TO PHYSICIAN: There is no specific antidote for FLUOMETURON 80WP. Induce emesis and lavage stomach. Give a saline laxative and supportive therapy.

ENVIRONMENTAL HAZARDS

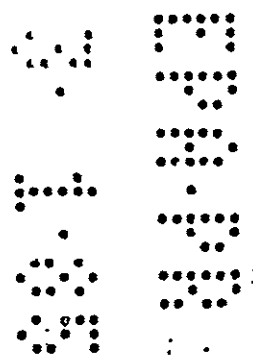
Do not contaminate water used for irrigation or domestic purposes. Do not contaminate water by cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Store in a dry place. Do not contaminate water, food, or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Container Disposal: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning, If burned stay out of smoke.



GENERAL INFORMATION

Fluometuron 50 WP is effective for both annual grass and annual broadleaf weed control in cotton and sugarcane.

Weed Control

Fluometuron 50 WP applied according to directions will selectively control annual weeds in cotton and sugarcane, such as:

Annual Grass Weeds

Barnyardgrass	Fall panicum
Brachiaria	Foxtail
Crabgrass	Goosegrass
Crowfootgrass	Ryegrass

Annual Broadleaf Weeds

Buttonweed	Pigweed
Cocklebur	Prickly sida
Florida pusley	(Ironweed or
Goathead	teaweed)
Groundcherry	Purslane
(Wright)	Ragweed
Jimsonweed	Sesbania
Lambsquarters	Sicklepod
Morningglory	Smartweed
	Tumbleweed

Fluometuron 50 WP at rates up to 2.5 lbs. per acre in cotton and up to 5 lbs. per acre in sugarcane is not effective for the control of established perennial weeds, such as johnsongrass from rhizomes.

MIXING AND APPLICATION

Mixing Instructions

Fluometuron 50 WP is highly concentrated and should be thoroughly mixed as a paste or thick slurry in water in a separate container before adding to the spray tank. The spray tank should contain 1/2-1/2 the total amount of water (cotton or sugarcane) or nitrogen solution (cotton only) to be used before adding the slurry.

To determine compatibility, add one tablespoon of **Fluometuron 50 WP** to one pint of nitrogen solution (equals 2.5 lbs. in 25 gals; if using other application rates, adjust compatibility test amounts proportionally). Stir or shake thoroughly. Let stand 5 minutes. If it remains mixed or can be remixed readily, the mixture is compatible and can be used. If **Fluometuron 50 WP** settles out when mixed with nitrogen solution, a suspensibility agent, such as Compex® at 1-2 pts. per 100 gals. fertilizer, may improve compatibility. Add 1/2-1/4 teaspoon of Compex to the compatibility test to determine its effectiveness.

Use bypass or mechanical agitation in the spray tank. Avoid leaving spray mixture in tank without constant agitation. If bypass agitation is used, it

should terminate at the bottom of the tank to minimize foaming. Wash sprayer thoroughly with clean water immediately after use.

Equipment

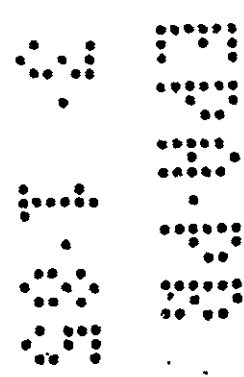
Thoroughly clean sprayer prior to use. Do not use a sprayer contaminated with 2,4-D or other materials as crop damage or sprayer clogging may result.

For uniform distribution use fan-type nozzles. Use 50-mesh or coarser screens in nozzles and strainers. Use a suitable pump with capacity to deliver (1) the necessary volume to the nozzles at 35-40 psi, and (2) an additional volume to maintain the mixture in suspension in the spray tank. Apply in 20-40 gals. of spray mixture per acre.

Band Treatment

For band treatment, calculate the amount of **Fluometuron 50 WP** needed by the formula:

$$\frac{\text{band width in inches}}{\text{row width in inches}} \times \frac{\text{broadcast rate per acre}}{\text{per acre}} = \frac{\text{amount needed per acre of field}}{\text{per acre of field}}$$



RECOMMENDATIONS

Cotton

Preemergence Treatment: may be applied as a preemergence treatment to the surface of the soil, or lightly incorporated immediately after planting, or as a directed, semi-directed, or over-the-top postemergence application. For preemergence treatment only, may be tank-mixed with most liquid nitrogen fertilizers. may be combined with other herbicides in cotton as directed in the section, "Combinations."

is most effective when used as follows:

1st Application: Preemergence broadcast. See Preemergence Treatment below.

2nd Application: Postemergence, directed, semi-directed, or over-the-top when cotton is 3-6 inches high. See Postemergence Treatments below.

3rd Application: If needed, postemergence, directed, or semi-directed, at lay-by (last normal cultivation), using no more than 1.25 lbs. per acre.

Preemergence Treatment

Apply at a rate of 1.25-2.5 lbs. per acre. On light silt and sandy soils, low in organic matter, use the lower rate.

may be applied to the surface of the soil, or lightly incorporated into the soil, after planting cotton.

Preplant Incorporated Use (Arizona, California, and New Mexico)

may be applied preplant as a broadcast spray at 2 lbs. per acre after the beds for preplant irrigation have been formed. Apply before the beds are dragged off (using a bed shaper set to remove 1-2 inches from beds) in preparation for planting. Furrow irrigation should precede the application and planting should follow as soon as possible. Plant into untreated soil after drag-off and return treated soil to the beds when furrows are re-formed. Do not allow furrow irrigation water to pond over the beds.

Postemergence Treatments

may be applied post-emergence to cotton but preemergence to weeds, or post-emergence to both cotton and weeds. should be applied at rates of 1.25-2.5 lbs. per acre. Apply as a directed, semi-directed, or over-the-top spray.

may be applied to cotton plants at any stage of growth from 3 inches high to lay-by. Use the higher rate when applying postemergence to weeds; weeds should be 2 inches high or less. Use of a surfactant that is approved by FDA for use on food and feed crops and is compatible with when applied to cotton may enhance the postemergence herbicidal activity of . The surfactant rate should not exceed 0.5% of the carrier volume (1 pt. per 25 gals. of water).

Precautions: Rainfall that is sufficient to germinate seeds or for growing crops is adequate to activate the herbicidal activity of ; where dry weather conditions prevail, the herbicidal activity of may be delayed or reduced.

Do not make more than three applications of to the same crops or field in any one year. Do not plant crops other than cotton within 6 months of the last application of or injury may result.

The use of as a preemergence or early post-emergence application, following the use of a systemic insecticide at planting, may result in injury to cotton.

West Texas only: Do not use on sandy, loamy sand, or fine sandy loam soils. Do not use on cotton planted in furrows.

Arkansas, Louisiana, and Mississippi only: Use 1 lb. of per acre on sandy loam soils low in organic matter.

Arizona, California, and New Mexico only: Cotton, corn, and grain sorghum can be planted the next spring. Do not plant treated areas to other crops until one year after last application. Do not use on sandy or coarse-textured soil of less than 1% organic matter.

Note: Do not apply within 60 days of harvest. Do not feed foliage from treated cotton plants or gin trash to livestock.

Combinations

Tolban® 4E: Use in a tank mixture or in an overlay combination with in cotton for control of all weeds listed on both labels. Refer to the Tolban 4E label for all directions, precautions, and limitations.

Trellan® EC: Use in a tank mixture with (all areas except Arizona and California) or before an overlay with in cotton for control of all weeds listed on both labels. For the tank mixture, refer to the Trellan EC label for directions, precautions, and limitations. For the overlay, apply as a preemergence surface treatment as recommended on this label at 1.25-2.5 lbs. per acre after a preplant soil-incorporated treatment of Trellan EC. Apply Trellan EC as recommended on its label at 1-2.5 pts. per acre.

Prowl®: Apply as a preemergence surface treatment as recommended on this label at 1.25-2.5 lbs. per acre after a preplant soil-incorporated treatment of Prowl for control of all weeds listed on both labels. Apply Prowl as recommended on its label at 1-3 pts. per acre.

DSMA or MSMA: may be tank-mixed with DSMA or MSMA and applied as a directed spray to cotton from three inches high to first bloom. Use the broadcast rate of 1.25-2.5 lbs. of per acre and the necessary amount of DSMA or MSMA plus 0.5% (1 pt. per 25 gals.) of a surfactant that is approved by FDA for use on food and feed crops and is compatible with + DSMA or + MSMA when applied to cotton. When using this mixture, do not allow spray to contact cotton foliage. Do not graze treated areas or feed treated forage or gin trash to livestock. Adhere strictly to the dosage and limitations on the labels of the products.

Sugarcane

may be applied as a preemergence application to sugarcane at any time after planting, and a second application may be made postemergence to sugarcane 12-18 inches high.

is most effective in sugarcane when used as follows:

Plant Cane

First Application: Preemergence broadcast, at a rate of 2.5-5 lbs. per acre to the surface of the soil after planting sugarcane, or any time before cane and weeds emerge. On muck soils, the maximum rate of may not give adequate weed control.

Second Application: Postemergence, directed, semi-directed, or over-the-top of the cane at a rate of 2.5-5 lbs. per acre when sugarcane is 12-18 inches high. This application should be made preemergence to weeds, or to weeds less than 2 inches in height.

Ratoon Cane

First Application: Preemergence broadcast, at a rate of 2.5-5 lbs. per acre after harvest and any time before new cane shoots and weeds emerge.

Second Application: Postemergence, directed, semi-directed, or over-the-top of the cane at a rate of 2.5-5 lbs. per acre when cane is 12-18 inches high. This application should be made preemergence to weeds, or to weeds less than 2 inches in height.

Precaution: Do not apply more than 10 lbs. of the soil during any one year. Do not plant crops other than sugarcane or cotton within one year after the last application or injury may result.

Note: Do not apply within 180 days of harvest. Do not graze treated fields with livestock.

CONDITIONS OF SALE - LIMITED WARRANTY
AND LIMITATIONS OF LIABILITY AND REMEDIES

The directions on this label are believed to be reliable and should be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions, the failure to follow the label directions, or good application practices, all of which are beyond the control of Setre or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. Setre warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of Setre. Setre makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warrant shall be implied by law.

The exclusive remedy against Setre for any cause of action relating to the handling or use of this product is a claim for damage and in no event shall damages or any other recovery of any kind against Setre exceed the price of the product which causes the alleged loss, damage, injury, or other claim. Setre shall not be liable and any and all claims against Setre are waived, for special, indirect, incidental, or consequential damages or expense, of any nature, including, but not limited to, loss of profits or income, whether or not based on Setre's negligence, breach of warranty, strict liability in tort or any other cause of action.

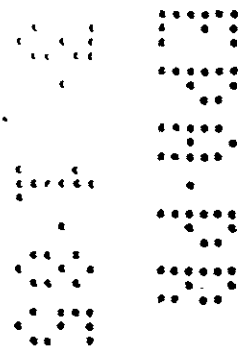
Setre and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

Compex® trademark of KALD Laboratories, Inc.

Prowl® trademark of American Cyanamid for pendimethalin.

Tolban® trademark of Ciba-Geigy for profluralin.

Treflan® trademark of Elanco Products for trifluralin.



* First letters of product batch code indicate producing establishment.

5905-FL-1=TF • 5905-GA-1=CG • 5905-AR-1=WA

5905-OK-1=AO • 5905-TX-2=AT • 5905-CA-1=KC

5905-LA-3=DL

