

BEST DOCUMENT

GENERAL INFORMATION

SHAMROX WP is a wettable powder expressly formulated for application to soybeans for preemergent control of many important annual grasses and broad-leaved weeds. SHAMROX WP provides a broad spectrum of herbicidal activity (Note list of weeds controlled below). Since soil and weather conditions vary, best results will be obtained if directions are followed carefully.

Annual weeds controlled with SHAMROX WP include

Annual bluegrass	Johnsongrass (from seed)
Barnyardgrass	Lambsquarters
Bromus panicum	Lovegrass
Canada wildflower	Madwort spurge
Crabgrass (smooth and large)	Pigweed, redroot
Doan's	Purshana
Florida betel	Ragweed
Forstia (giant yellow and green)	Smartweed
Goosegrass	Velvetleaf (buttonweed)
Groundcherry	Witchgrass

SHAMROX WP is not recommended for the control of established perennial weeds such as bermudagrass, johnsongrass, gage, or quackgrass.

DIRECTIONS FOR USE

SOIL PREPARATION: SHAMROX WP should be applied to well prepared freshly tilled soil, free as possible of trash and clods. Plant seed at least 1" to 1 1/2" inches deep.

SPRAY EQUIPMENT: Standard low pressure (30-50 psi) boom-type sprayers with adequate agitation are recommended. Use nozzles, such as 8004E, suitable for applying wettable powders so that spray will be uniformly distributed over properly prepared soil surface. All screens and strainers should be 50 mesh or larger. It is essential that sprayer be properly calibrated before making applications. A minimum of 20 gallons of spray per broadcast acre should be used.

PREPARATION OF SPRAY: To insure a uniform suspension, SHAMROX WP should be pre-mixed in a clean container at the rate of 10 pounds to 3 gallons of water. Stir this mixture thoroughly until a uniform slurry is obtained. Fill spray tank three-fourths full with water. With tank agitator running, pour slurry into tank and finish filling with water. Maintain vigorous agitation (mechanical or by-pass) at all times.

APPLICATION: Make a single application as a band or broadcast spray as soon as possible after planting but before soybeans and weeds emerge. Planting and spraying may be combined in one operation. DO NOT spray over the top of emerged soybeans as injury to the crop may result. When starting, turning, slowing or stopping, spray boom should be shut off to prevent over dosage and possible resultant injury. With band treatment it is essential that calculated band width be maintained throughout application. DO NOT plant to other crops within 4 months after treatment.

BROADCAST APPLICATION RATES

Pounds of SHAMROX WP in 20 to 40 Gallons of Water Per Acre

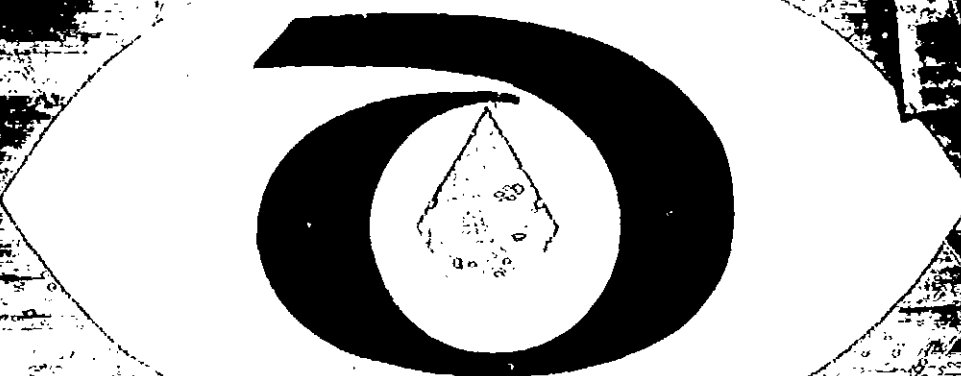
Soil Type*	Organic matter 1 to 2.5%	Organic matter 2.5 to 4%
Sandy Loam	6 lb	8 lb
Silt Loam	8 lb	10 lb
Clay Loam	10 lb	13 lb

*Avoid use on loamy sand, sand or gravelly soils or soil with less than 1% organic matter as injury may result.
Rates of application can be reduced by banding. See Conversion Chart.

NET CONTENTS

20 POUNDS

U.S.D.A. REG. NO. 577-285



Diamond Shamrock Chemical Company

SHAMROX WP

A Selective Preemergence Herbicide for Control of Annual Grasses and Broadleaved Weeds in SOYBEANS

ACTIVE INGREDIENTS:		
Dimethyl ester of tetrachloroterephthalic acid*	60.0%	67.5%
Linuron [3-(2,4-dichlorophenyl)-1-methoxy-1-methylurea]**	7.5%	32.5%
INERT INGREDIENTS:		
TOTAL		100.0%

*U.S. Pat. 2,923,634 (U.S.)
**U.S. Pats. 2,960,934 and 3,079,244

CAUTION: Keep out of reach of children
See side panel for additional cautions.

AGRICULTURAL CHEMICALS DIVISION-CLEVELAND, OHIO 44115

CONVERSION CHART FOR SHAMROX WP

Use indicated pounds SHAMROX WP for row and band width involved
Broadcast application rates of SHAMROX WP

Row Width	Band Width	6 lb/A	8 lb/A	10 lb/A	13 1/2 lb/A
36 inches	14 inches	2 lb 5 oz	3 lb 2 oz	4 lb	5 lb 3 oz
38 inches	14 inches	2 lb 3 oz	3 lb	3 lb 11 oz	5 lb
40 inches	14 inches	2 lb 2 oz	2 lb 13 oz	3 lb 8 oz	4 lb 11 oz

Use the following formula to calculate amount of SHAMROX WP to apply for other row and band widths:

Band width in inches ÷ Recommended Broadcast Rate = Pounds SHAMROX WP needed per acre for band treatment

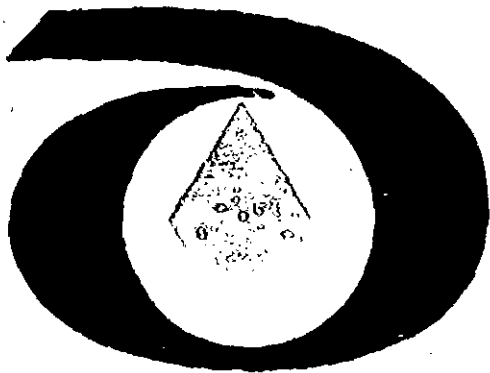
NET CONTENTS

20 POUNDS

U.S.D.A. REG. NO. 677-285

ACCEPTED

UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGISTRY
IN ORDER NO. 111-285



®

**Diamond Shamrock
Chemical Company**

SHAMROX WP

A Selective Preemergence Herbicide for Control of Annual
Grasses and Broadleaved Weeds in SOYBEANS

ACTIVE INGREDIENTS:
Dimethyl ester of tetrachloroterephthalic acid 60.0% 67.5%
Linuron (3-(2,4-dichlorophenyl)-1-methoxy-
1-methylurea) 7.5% 32.5%
INERT INGREDIENTS: 32.5%
TOTAL 100.0%

U.S. Pat. 2,923,634 (USP)
U.S. Pat. 2,900,524 and 1,879,244

**CAUTION: Keep out of reach of children
See side panel for additional cautions.**

AGRICULTURAL CHEMICALS DIVISION-CLEVELAND, OHIO 44115

DIAMOND SHAMROCK CORPORATION

MOISTURE: Sufficient moisture (1" to 1" on moist
soils and 1" to 2" on dry soils) in form of rainfall or
sprinkler irrigation is necessary after application to
properly position chemicals in soil. Best results are
obtained when this occurs within seven days after
application. If moisture is insufficient, or if the soil
becomes crusted before crop emerges, a shallow
rotary hoeing should be made so that weeds do not
become well established. Otherwise, avoid cultivating
or disturbing the sprayed area. When cultivating be-
tween treated bands, the use of shields on cultivators
is recommended to avoid throwing untreated soil onto
treated bands.

CAUTION

Harmful if swallowed.
May cause irritation to skin, eyes, and throat. DO NOT
get in eyes, on skin, or on clothing. Avoid breathing
dust or spray mist. Wash thoroughly after handling.

DO NOT store near feed and foodstuffs, seeds, ferti-
lizers or other pesticides in order to prevent
contamination. SHAMROX WP is a wettable powder.
so store in a dry place.

DO NOT graze on treated areas or feed plant refuse
to livestock.

DO NOT apply, or drain or flush equipment on or
near desirable trees or other plants, or on areas
where their roots may extend, or in locations where
the chemicals may be washed or moved into contact
with their roots. DO NOT use on lawns, walks, drive-
ways, tennis courts, or similar areas.

DO NOT contaminate any body of water.
Prevent drift of dry powder or spray to desirable
plants.

Thoroughly clean application equipment immediately
after use to remove all traces of SHAMROX WP. Flush
tank, pump, hoses, and boom with several changes of
water after removing nozzle tips and screens (clean
these parts separately).

DO NOT reuse bag. Destroy when empty.

WARRANTY AND LIMITATION OF DAMAGES

SELLER warrants that this material conforms to its
chemical description and is reasonably fit for the
purposes stated on the label when used in accordance
with directions under normal conditions of use and
BUYER assumes the risk of any use contrary to such
directions. SELLER makes no other express or implied
warranty, including any other express or implied
warranty of FITNESS or of MERCHANTABILITY and
no agent of SELLER is authorized to do so except in
writing with a specific reference to this warranty. In
no event shall SELLER's liability for any breach of
warranty exceed the purchase price of the material
as to which a claim is made.

CONVERSION CHART FOR SHAMROX WP
Use indicated pounds SHAMROX WP for row
and band width involved

Broadcast application rates of SHAMROX WP

Row Width	Band Width	6 lb/A	8 lb/A	10 lb/A	13 1/2 lb/A
36 inches	14 inches	2 lb 5 oz	3 lb 2 oz	4 lb	5 lb 3 oz
38 inches	14 inches	2 lb 3 oz	3 lb	3 lb 11 oz	5 lb
40 inches	14 inches	2 lb 2 oz	2 lb 13 oz	3 lb 8 oz	4 lb 11 oz

Use the following formula to calculate amount of SHAMROX WP to apply for other row
and/or band widths

$$\frac{\text{Band width in inches}}{\text{inches between crop rows}} \times \text{Recommended Broadcast Rate} = \text{Pounds SHAMROX WP needed per acre for band treatment}$$

3237-20-L-171