

PUREGRO

**GAVAMINE D-40
WEED KILLER**

of 2,4-Dichlorophenoxyacetic Acid 49.5%

..... 50.5%

oxyacetic Acid Equivalent 4 lbs./gal.

oxyacetic Acid

1%

P.A. Reg. No. 1202-97-AA

CAUTION

KEEP OUT OF THE REACH OF CHILDREN



CONTENTS GALLONS

**CAUSES IRRITATION OF SKIN AND EYES
Do Not Get in Eyes, on Skin or on Clothing**
KEEP OUT OF REACH OF CHILDREN.

In case of contact, flush eyes with plenty of water for at least 15 minutes and get medical attention; wash skin with soap and plenty of water. Harmful if swallowed. Remove and wash contaminated clothing before re-use. Do not wear contaminated shoes.

NOTE: Gavamine D-40 Weed Killer, exposed to subfreezing temperatures, should be warmed to at least 40°F. and mixed before using.

CAUTION

Do not apply Gavamine D-40 Weed Killer directly to, or otherwise permit it to come into contact with vegetables, flowers, grapes, fruit trees, ornamentals, cotton, or other desirable plants which are sensitive to Gavamine D-40 Weed Killer and similar materials, and do not permit spray mist containing it to drift onto them, since even minute quantities of the spray may cause severe injury during both growing and dormant periods. (Coarse sprays are less likely to drift.) Accordingly applications by airplane, ground rigs and hand dispensers should be carried out only when there is no hazard from drift. Do not apply by airplane in the vicinity of cotton, grapes or other desirable Gavamine D-40 susceptible vegetation. Do not contaminate irrigation ditches or water used for domestic purposes. Do not store near fertilizers, seeds, insecticides or fungicides. Excessive amounts of 2,4-Dichlorophenoxyacetic acid in the soil may temporarily inhibit seed germination or plant growth.

To avoid injury to desirable plants, do not store, handle or apply other agricultural chemicals with the same containers or equipment used for Gavamine D-40 Weed Killer.

Local conditions may affect the use of herbicides. State agricultural experimental station or extension service weed specialists in many states issue recommendations to fit local conditions.

Be sure that use of this product conforms to all applicable regulations

TURF WEED CONTROL: For lawns, pastures and other turf areas, use 2 to 3 pints of Gavamine D-40 Weed Killer per acre.

CAUTION

Do not use on lawns of creeping grasses, such as bent, except for spot spraying, nor on freshly seeded turf until grass has become well established. Most legumes are usually damaged or killed. May injure St. Augustine grass, Dichondra, or Clover lawns. Do not graze treated areas by dairy animals within 7 days after application.

SOIL TREATMENT FOR PERENNIAL WEED CONTROL: In crop fallow land and non-crop land for certain deep-rooted perennial weeds, including leafy spurge, Russian knapweed, hoary cress, and swamp smartweed (tanweed), use 6 pints of Gavamine D-40 Weed Killer per acre. Apply in late fall as recommended by local state agricultural authorities. Where annual rainfall is less than six inches, irrigation after spraying may give better results.

plant growth. The effect lasts longer in areas of limited rainfall. Do not plant to any crop until 3 months after treatment or until chemical has disappeared from soil.

FOR SMALLER CONTAINERS: "Do not reuse empty container. Destroy it by perforating or crushing. Bury or discard in a safe place away from water supplies."

FOR DRUMS: "Do not reuse empty drum. Return to drum reconditioner or destroy by perforating or crushing and burying in a safe place away from water supplies."

CONDITIONS OF SALE: Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

LOT NO.

7 72 CN

The lower dosages will usually be satisfactory only for young, less active growth of sensitive species such as mustard. For less sensitive species and under conditions where kill is difficult, use the higher dosages.

Mix Only with Water. Unless otherwise directed, use the recommended amount of Gavamine D-40 Weed Killer in the amount of water needed for even distribution. In mixing sprays, add half the water to the tank, then add the Gavamine D-40 Weed Killer with agitation, and finally the balance of the water with continued agitation. Apply at low pressure (30 to 50 pounds) during warm weather when weeds are young and growing actively.

GENERAL WEED CONTROL: In vacant lots, on roadsides and along fence rows, use enough spray to wet all foliage. 2 quarts of Gavamine D-40 Weed Killer in 100 gallons of water will control most yearly weeds, however, 3 quarts may be necessary for more resistant weeds. Deep-rooted perennial weeds, such as bindweed and Canada thistle may require repeated applications as new growth appears.

WEED CONTROL IN CROPS: See table at right. **Small Grains (Wheat, barley, rye, oats):** Spray when grain is in full tiller stage to 8 inches tall. But weeds are still small. Crop or dry may result from application earlier than "tiller" or later than "tiller" stage. Late or preharvest treatment to control large weeds may be effective under certain conditions, such as adequate soil moisture and succulent weed growth. Apply 1 or 2 quarts Gavamine D-40 Weed Killer per acre when grain is in "milk" or "hard dough" stage. Do not use on grain interplanted with a legume, particularly alfalfa and sweet clover, unless injury to the legume can be tolerated. Do not forage or graze treated grain fields within 2 weeks after treatment with 2,4-D. Do not feed treated straw to livestock. **Corn: Pre-emergence** - Apply to soil 3 to 5 days after planting but before corn emerges. Do not treat very light, sandy soil. **Emergence** - For broad leaved weeds, use one pint just as corn plants are breaking ground. **Postemergence** - On corn over 8 inches tall, use a directed spray. Local con-

ditions may affect the use of herbicide. authorities in many states issue recommendations. **Rice:** Treat 4 to 8 weeks after planting. Treat between 7 and 9 weeks after emergence above water and leaves are 6 to 8 inches tall. **Sorghums:** Treat when 6 to 12 inches tall. Weeds are well established.

Gavamine D-40 Weed Killer is recommended for alligator weed, dandelion, docks, fanweed, quackgrass, quarters, mustards, peppergrass, pigweed, shepherd's purse, tarweed, thistles, wild carrot, wild morning-glory, wild radish, and many other broad leaved weeds without injury to most grasses. Use on golf courses, parks, playgrounds and other areas; along highways and railroad rights-of-way, fields, drainage ditchbanks, pasture land and cropland, and in the field crops such as listed in "WEED CONTROL IN CROPS".

AMOUNT OF GAVAMINE D-40 WEED KILLER TO USE
Read Complete Directions Before Use

Crop	Application	Amount of Gavamine D-40 Weed Killer per Acre
Small Grains (Wheat, barley, rye, oats)	Pre-emergence	1 to 2 quarts
Small Grains (Wheat, barley, rye, oats)	Emergence	1 to 2 quarts
Small Grains (Wheat, barley, rye, oats)	Post-emergence	1 to 2 quarts
Corn	Pre-emergence	1 to 2 quarts
Corn	Emergence	1 to 2 quarts
Corn	Post-emergence	1 to 2 quarts
Rice	Pre-emergence	1 to 2 quarts
Rice	Emergence	1 to 2 quarts
Rice	Post-emergence	1 to 2 quarts
Sorghums	Pre-emergence	1 to 2 quarts
Sorghums	Emergence	1 to 2 quarts
Sorghums	Post-emergence	1 to 2 quarts

ACCEPTED

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1202-91



GAVAMINE D-40 WEED KILLER

Active Ingredient:

Dimethylamine Salt of 2,4-Dichlorophenoxyacetic Acid 49.5%

Inert Ingredients 50.5%

2,4-Dichlorophenoxyacetic Acid Equivalent 4 lbs. gal.

2,4-Dichlorophenoxyacetic Acid

Equivalent 41.1%

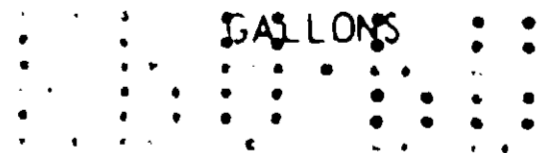
E.P.A. Reg. No. 1202-97-AA

CAUTION



NET CONTENTS

GALLONS



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