

IMPERIAL 2,4-D BUTYL ESTER 600

DIRECTIONS FOR USE

GENERAL INFORMATION — IMPORTANT! Make sure that you double check your sprayer to see that it is properly calibrated before using this material. Improper tractor speed, pump pressure, nozzle tip size or rusty equipment will result in poor weed kill or possibly heavy crop damage. Read the label carefully and follow directions closely. See Caution Statement.

When used as directed, will give control of many annual and perennial broadleaved weeds in corn, wheat, sorghum, barley, rye, oats, roadsides, pastures, turf and lawn areas. It is most effective when used on small actively growing weeds. Temperatures best for spraying range from 70 to 90 degrees. Do not apply if rain is expected within the hour. Use low pressure equipments (40 pounds) on crops and turf. Garden type pressure sprayers work well on spot spraying. Do not let the spray particles "wind drift" to sensitive nearby plants. The amount of water required for low volume application may vary from 5 to 25 gallons per acre. In any case, use the same amount of 2,4-D recommended per acre regardless of the amount of water used per acre.

CORN — Post-Emergence (after crop is up): May be applied to corn at several stages of growth. Use "drop nozzles" when corn is 10 inches and over. Do not apply from tasseling to dough stage. For spot spraying of weeds, such as thistle in corn, mix 1/2 cupful in 3 gallons of water and wet weeds.

Early Spraying: When corn is in tight roll stage, apply as soon as possible after most weeds have emerged. Use 1/2 pint per acre in sufficient water to give uniform coverage. Corn drop nozzles are not necessary at this time. This product should not be applied to the growing point by application into open whorls.

Lay-By Spraying: When corn is 2 to 3 feet high, use 1/2 pint per acre. At this stage of corn growth, since stalks may become brittle from 2,4-D, there is always a chance that high winds may damage the crop 1 to 3 days after spraying. Use drop nozzles. Cultivation should be completed before applying this spray.

High Clearance Spraying: This is a useful spray when weeds get started after lay-by. Use 3/4 pt. per acre. Adjust spray nozzles to hit highest weeds.

SORGHUM — Post Emergence Only: Employ drop nozzles. Use 1/2 pint per acre. Sorghums are most tolerant to 2,4-D when 4 to 12 inches high. Spray a check plot first. Do not apply during flowering or early dough stage.

HARD TO KILL WEEDS IN NON-CROP LAND For perennial weeds such as Sow Thistle and Russian Knotweed (see list) in fence rows and farm roads, use 1 1/2 pints to 1 3/4 pints in 20 gallons water with 1/2 to 1 cupful detergent and thorough wet weed usage. Do not let spray drift. Treat in morning and again at bloom time before weed is set. Read the label carefully. Do not use on ornamentals, shrubs, trees, lawns, lawns, etc.

Imperial

ACCEPTED
Jan 24 1977
407-286

UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
THIS ECONOMIC POISON REGISTERED
BY UNDER NO. 101-101-101-101-101
TO ATTACHED COMMENTS

2,4-D

**BUTYL ESTER
600**

Contains 6 lbs. 2,4-D Acid Equivalent Per Gallon

CAUTION

KEEP OUT OF THE REACH OF CHILDREN

See other cautions on side panel

DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME

ACTIVE INGREDIENTS:

| | |
|---------------------------------|----------------|
| Butyl Ester of | |
| 2,4-Dichlorophenoxyacetic acid* | 77.48% |
| INERT INGREDIENTS: | 22.52% |
| Total | 100.00% |

*Equivalent to 2,4-Dichlorophenoxyacetic acid 61.8%

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Manufactured by
IMPERIAL INC.
SHENANDOAH, IOWA 51601

IMPERIAL 2,4-D BUTYL ESTER 600

GENERAL INFORMATION ON APPLICATION

| Crop | Amount Per Acre | App. Acres 1 Gallon Will Treat |
|-----------------------------------|--|--------------------------------|
| CORN | Pre-Emergence (Do not use on light sandy soil) | 1 1/2 to 2 1/2 pt. 3 to 6 |
| | Post-Emergence | 1/2 pint 2 1/2 |
| SMALL GRAIN | Spring Wheat, Oats, Barley | 1/2 to 1 1/2 pt. 16 to 24 |
| | Winter Wheat, Rye | 1/2 to 3/4 pt. 12 to 24 |
| | PASTURES | 1/2 pint 2 1/2 |
| NON-CROP AREAS AND SPOT TREATMENT | 1 1/2 to 1 3/4 pts. in 20 gals. water | over all spray |

SUSCEPTIBLE WEED (Use lower dosage rate)

| | | |
|-----------|---------------|-------------|
| Arrowhead | Lambquarters | Sunflower |
| Buckhorn | Mustard | Wild Carrot |
| Cocklebur | Morning Glory | Wild Radish |
| Dandelion | Pigweed | Wild Sweet |
| Dock | Plantain | Potato |
| Knotweed | Ragweed | |

WEEDS MORE DIFFICULT TO KILL (Use higher dosage rate)

| | | |
|----------------|--------------|--------------|
| Bindweed | Horse Nettle | Sheep Sorrel |
| Buckbrush | Looseweed | Hoary Grass |
| Buckwheat | Milkweed | Wild Onion |
| Canada Thistle | Poison Ivy | Willow |

SMALL GRAIN — (Wheat, Barley, Rye, Oats): For weeds in Winter Wheat and Rye, treat only in the spring. Use 1/2 pt. to 3/4 pt. in sufficient water to cover one acre. Apply from the tilled to the jointing stage. In Spring Wheat, Oats and Barley, use 1/2 to 1 1/2 pt. per acre. Use higher dosage for hard to kill weeds. Treat when crop is fully tilled (4 to 8 in. high) up until early boot stage. Do not spray during seedling stage or boot to dough stage. Grain interplanted with legumes should not be sprayed unless injury to legumes 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.

PASTURES: For broadleaved weeds (see list) use 1 1/2 pints per acre in sufficient water to thoroughly cover. Apply early in summer when weeds are actively growing and near bud stage. Do not apply to recently seeded pastures until grass is well established. **Note:** Do not graze pasture to dairy animals within seven days after treatment. Do not apply when grass is in boot to milk stage, or after, feeding begins. Most legumes, including white clover, are usually damaged and, under some conditions, killed. Avoid drift of spray mist onto vegetables, trees, ornamental trees and shrubs, and other desirable crop plants.

CAUTION

CAUTION: DON'T OVER DOSE! Follow directions carefully.

If inhaled or swallowed, Do not get in eyes, on skin or clothing. In case of contact, wash with soap and water.

Do not let spray drift to sensitive plants such as vegetables, legumes, grapes, flowers, cotton or other 2,4-D susceptible plants. Use coarse spray to reduce "wind drift". Do not store near fertilizers, seeds, insecticides or fungicides. Local spray conditions will vary. Check local recommendations first. Do not use same spray equipment for other purposes. Do not reuse this container. Do not make aerial applications near cotton or sensitive plants. Under certain high temperature conditions, vapors from this product will injure nearby susceptible plants.

Toxic to fish. Keep out of any body of water. Apply only to areas specified on this label.

Do not reuse container. Destroy by perforating or crushing, and bury in non-crop land, away from water supplies.

NOTICE

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions 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 the label instructions, or to the use of this product in conditions or under circumstances not intended or recommended by the seller, and the seller disclaims any liability for such use.