

**READ ENTIRE LABEL BEFORE USING THIS PRODUCT** Use of this material in a manner, or at any time other than in accordance with the directions, may produce plant injury, excessive residues, or other undesirable results.

**GENERAL INFORMATION**

UNIROYAL DINOSEB-1 weed killer is a water soluble formulation of 2-sec-butyl-4,6-dinitro-phenol (DNBP) that is effective in both premergence and postmergence applications to control many annual broad-leaved weeds and grasses such as: lambs-quarters, redroot pigweed, Florida pusley, purslane, common ragweed, crabgrass, chickweed and foxtails. Higher rates of application are needed to control seedling grasses than seedling broadleaved weeds. It may only partially control certain vigorous annual weeds and grasses, particularly under drought or cool weather conditions, and will not ordinarily control established perennials.

**APPLICATION METHODS:** UNIROYAL DINOSEB-1 Weed Killer should be applied with a low volume sprayer having satisfactory pumping bypass action.

**MIXING INSTRUCTIONS:** UNIROYAL DINOSEB-1 Weed Killer must be thoroughly dissolved. Fill the tank, about half full with water, and with the pump operating, add the required amount of UNIROYAL DINOSEB-1 Weed Killer. Finish filling the tank with water and apply. Do not store spray solution in tank for a prolonged period. Clean application equipment thoroughly after use by flushing with water.

**TYPES OF TREATMENT:**

**PRE EMERGENCE TREATMENT**

Apply UNIROYAL DINOSEB-1 after crop is planted but before crop plants emerge. For best results, the soil surface should be moist and fairly firm. Light or moderate rainfall after treatment is desirable, but heavy rain may cause excessive leaching of the chemical with resultant lower weed control. Under very dry or cool conditions following application, weed control will be less effective unless sprinkler irrigation can be used. After crop emergence, start cultivation as soon as weed growth warrants.

# UNIROYAL DINOSEB-1

WEED KILLER

UNIROYAL

**COMPOSITION**

<b>ACTIVE INGREDIENT</b>	By Weight
2-sec-butyl-4,6-dinitro-phenol as the alkanolamine salts (of the ethano- and isopropanol series)	51%
<b>INERT INGREDIENTS</b>	49%
<b>Total</b>	<b>100%</b>

Contains the equivalent of 3 lbs. of 2-sec-butyl-4,6-dinitrophenol per gal.

**POST-EMERGENCE TREATMENT**

Application of UNIROYAL DINOSEB-1 after crop plants have emerged. For best results weeds and especially grasses should be in small seedling stage. Apply UNIROYAL DINOSEB-1 during warm, sunny weather when crop foliage is dry, using low pressure (25 to 50 pounds). UNIROYAL DINOSEB-1 will often cause some burning of crop plant leaves, but the effect is usually only temporary. Spraying is more effective and less UNIROYAL DINOSEB-1 is required at moderately high temperatures.

Use enough spray volume to give uniform, complete coverage of all weed foliage.

**Attention:** Do not spray or allow spray drift to contact desirable crop plants, except as recommended under **USE DIRECTIONS** which follow.

**DIRECTIONS FOR USE**

All application rates are expressed on the basis of overall or broadcast coverage. For band application the amount of spray required will be proportionately less, depending on the width of the bands treated. **PEAS: Premergence** — Use 2 to 3 gallons of UNIROYAL DINOSEB-1 in about 30 gallons of water per acre as a broadcast spray after planting but before emergence of the crop. **Postmergence** — Use 1 to 3 quarts of UNIROYAL DINOSEB-1 in about 30 gallons of water per acre in ground equipment or 5 to 10 gallons of water per acre by aircraft when peas are 2 to 8 inches tall and weeds are small. Dosage required varies with maximum air temperature expected during the 24 hour period immediately following spraying. Consult the following table to determine the amount to apply under varying temperature conditions.

Maximum Air Temperature Expected Within 24 Hours	Gallons of UNIROYAL DINOSEB-1 to Use Per Acre
70° - 79°	2 to 3
80° - 89°	1 to 2
90° - 99°	1/2 to 1
100° - 109°	1/4 to 1/2

\*Apply only when crop foliage is dry. Allow time for peas to harden following a period of cool, cloudy weather before spraying. Do not apply after flower buds are visible.

**DANGER**  
**KEEP OUT OF REACH OF CHILDREN.**

Not for Use or Storage In or Around the Home

**POISONOUS IF SWALLOWED OR ABSORBED THROUGH THE SKIN**

Do Not Get in Eyes, on Skin, or Clothing — Avoid breathing Spray Drift or Vapors

Do Not Take Internally — Do Not Wear Contaminated Clothing or Shoes

Keep Away from Heat and Open Flame  
Keep Out of Reach of Children and Farm Animals



**POISON**



**FIRST AID TREATMENT—ANTIDOTE**

**SYMPTOMS OF POISONING:** Excessive Fatigue, Sweating, Thirst and Fever. If symptoms of poisoning develop from any type of exposure, SEND FOR A PHYSICIAN.

**FIRST AID:** Have patient lie quiet in coolest spot available. If feverish, cool with cold compresses or by immersion in cool water.

**If Swallowed, SEND FOR A PHYSICIAN:** induce vomiting by giving an emetic such as 2 tablespoons of table salt in a glass of warm water; repeat until vomit fluid is clear, then give two teaspoons of baking soda in a glass of warm water. Treat as in FIRST AID above.

**If splashed in Eyes,** immediately flush eyes with plenty of water for at least 15 minutes and get medical attention. **If Spilled on Skin,** immediately remove contaminated clothing, including shoes, and wash skin with soap and plenty of water. If symptoms of poisoning develop, send for a physician and treat as in FIRST AID above. Discard contaminated clothing and shoes or clean them thoroughly before re-use. **NOTE TO ATTENDING PHYSICIAN:** Active ingredient is a metabolic stimulant. Treat symptomatically.

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Net Contents

UNIROYAL CHEMICAL — Division of UNIROYAL, Inc.  
Naugatuck, Connecticut 06770

When seeding grasses are a problem, use the same amount of UNIROYAL DINOSEB-1 and add 1/4 of a pound of Dalapon grass killer per acre. See special recommendation on Dalapon label.

**Note:** Do not graze animals on treated fields or feed treated forage to livestock within 40 days after treatment.

**SOYBEANS: Preemergence** — Use 2 to 2 1/2 gallons of UNIROYAL DINOSEB-1 in about 30 gallons of water per acre and apply as an overall spray. Do not use on very light sandy soils. Some reduction in the stand of soybean seedlings may result, but this does not ordinarily reduce crop yield. **Early Postemergence** — When soybeans have emerged and are still in the cotyledon stage (before first leaves expand). To control weeds that are up including redroot pigweed, purslane, common ragweed, annual morningglory, cocklebur, small seedling grasses and many others that emerge before or with the crop, use UNIROYAL DINOSEB-1 at the rate of 2 to 4 quarts per acre in 5 to 10 gallons of water applied by ground equipment. Select the rate to apply according to the table in left panel, depending on the maximum air temperature expected within 24 hours after spraying.

Maximum Air Temperature Expected Within 24 Hours	Quarts of UNIROYAL DINOSEB-1 to Use Per Acre
50° - 60° F	2
60° - 70° F	3
70° - 80° F	4

\*\*Some injury to soybean plants may occur, but yields usually are not reduced. Do not spray if soil is wet.

**Directed Postemergence Treatment.** For this use apply when soybeans are 5 to 6 inches tall up to the time they begin to bloom. Use UNIROYAL DINOSEB-1 at the rate of 2 to 4 quarts per acre in 30 to 40 gallons of water for the control of cocklebur, morningglory, coffeeweed (Sesbania), pigweed and many other broadleaved weeds. Apply as directed spray through oiling type or other precision directed spray application equipment. Proportionately less of the same spray mixture will be required when only bands are treated. Direct the spray toward the base of the soybean plants to provide for maximum wetting of weeds with minimum contact of the crop. Control of coffeeweed and grass seedlings will be

improved by the addition of 2 quarts of a non-ionic surfactant (multi film X 77) in each 100 gallons of spray. Soybean leaves wet by the spray will be injured, however, when confined to the base of the plants, there will usually be no reduction in yield. **TO AVOID CROP INJURY SPRAY MUST NOT BE APPLIED HIGHER THAN ONE HALF THE HEIGHT OF THE SOYBEAN PLANTS.** Repeat the directed application once or twice at 7 to 14 day intervals if needed. Do not use after soybeans begin to bloom. **Note carefully. Do not graze or forage treated soybeans within 3 weeks after treatment.**

**PEANUTS.** Make one early application (preemergence, early cracking stage or early postemergence) followed by one or two later postemergence applications as needed, in accordance with the following directions. **Preemergence** — Use 3 to 4 quarts UNIROYAL DINOSEB-1 in about 30 gallons of water per acre as an overall spray. Apply at any time between planting and emergence. **Early Cracking Stage** — Use 2 gallons of UNIROYAL DINOSEB-1 in about 30 gallons of water per acre as an overall spray. **Early Postemergence** (from emergence until the plants are 1 1/2 to 2 inches in diameter). Apply overall using 1 gallon of UNIROYAL DINOSEB-1 in about 30 gallons of water per acre. Such an application will control weeds just coming through, but will not provide long term residual effectiveness. Some foliage injury may be noted on the peanuts, particularly if the temperatures are high. **Later Postemergence** — By shielding the peanuts with fenders, or similar devices, to protect the plants from most of the spray, one or two directed applications may be made up to one month after the early cracking stage. Apply when new weeds are first visible. Use 2 quarts of UNIROYAL DINOSEB-1 in about 30 gallons of water per acre.

**CAUTION:** This product is toxic to fish and wildlife. Birds and other wildlife in treated areas may be killed. Keep out of lakes, streams or ponds. Do not apply when weather conditions favor drift from areas treated.

**USE PRECAUTIONS**

To avoid staining of carpets, upholstery, etc. Keep contaminated clothing and shoes outdoors, getting clean. Wash equipment and containers with water and dispose of wastes by burying in non-crop lands away from water supplies. Dispose of empty containers by punching holes in them and burying with wastes.

**NOTICE TO USERS:** The seller's guarantee shall be limited to the terms of the label and seller makes no guarantee, warranty or representation as to the material other than those set forth on the label. Climatic and soil conditions and other factors beyond the seller's control necessarily affect results. The buyer agrees that the seller shall not be responsible or liable for injuries to crop, soil, person or property arising out of the use and handling of this material whether in accordance with seller's directions or not, and accepts and uses the material on these conditions.