

NG-10

NET CONTENTS GALLONS

For use in killing weeds and grasses to keep areas free of vegetation and for treating soil prior to topping with asphalt or pavement. May be used in such locations as around warehouses, bridges, power and telephone poles, storage yards, camping places, recreational areas, fence lines and other similar uses where there is no danger to valuable plants or where unproductive soil is not objectionable.

**ACTIVE INGREDIENTS:**

Sodium Chlorate (NaClO<sub>3</sub>) . . . . . 18.5%  
Sodium metaborate (Na<sub>2</sub>B<sub>2</sub>O<sub>4</sub>)\* . . . . . 10.1%  
INERT INGREDIENTS . . . . . 71.4%

\*Equivalent to 1.67% boron expressed as elemental boron

**CAUTION: KEEP OUT OF REACH OF CHILDREN**

**CAUTION: Harmful if swallowed!** Avoid getting in eyes; avoid breathing spray mist. Wash clothing and equipment after application. Do not leave containers where children and animals may take the chemical internally. Avoid contamination of, and storage near feed and food products. Do not apply on or near turf, valuable trees or other plants, or in areas into which their roots may extend, or on slopes where "run-off" will move the chemical into the root areas of useful plants. Avoid contaminate of irrigation water. The chemical should be used only where unproductive soil is not objectionable.

**DIRECTIONS**

**GENERAL SPRAYING:** Spray to wet plants thoroughly, using power or knapsack sprayer and apply chemical uniformly over infested area. Applications should be made while weeds are small. Avoid application in hot, dry weather, as the killing action of GN-10 is through both roots and tops of plants, and therefore moisture is necessary after application to take the chemical into the soil to kill deep-rooted perennials. Fall applications may be made in areas of 20 inches or less rainfall. In areas of heavy

winter rainfall (20 in. or more) apply in the spring as the chemical is apt to be lost by leaching. Retreatment may be necessary under some conditions to keep areas free of plant growth. By preventing weed growth early in the year, fire hazard from dead and dry vegetation later on, are avoided.

**ANNUAL and <sup>Perennial</sup> PERENNIAL WEEDS** - To control annuals and knock down top growth of perennials, use 1 gal. in 4 gals. of water and spray to wet plants thoroughly.

**PERENNIAL WEEDS & GRASSES** - Use 5 to 6 pints per 100 sq.ft. and apply in sufficient water for uniform coverage. For control of weeds with creeping rootstalks treat soil 6 ft. beyond visible vegetation to get creeping roots.

**PRE-PAVING:** Use rates given below diluted with an equal volume of water:

<u>AREA</u>	<u>NG-10</u>
100 sq.ft. (10x10 ft.)	4 to 5 pints
1 sq.rod (272.25 sq.ft.)	1-1/3 to 1-3/4 gal.
1 ft.mile (5,280x1 ft.)	26 to 33 gal.
1 acre (43,560 sq.ft. or 8-1/4 ft.mi.)	218 to 272 gal.

**WHEN TO USE:** Treat after the soil on the area to be surfaced has been leveled, compacted and graded. Apply NG-10 solution uniformly over the entire area.

**HOW TO USE:** A gravity flow spray system or a low pressure sprayer giving uniform

coverage is satisfactory. Treated area should be allowed to dry thoroughly before topping is applied. Local conditions may affect the use of this chemical. Consult State or local agricultural authorities for specific recommendations as to dosage and time of application and for the control of other weeds.

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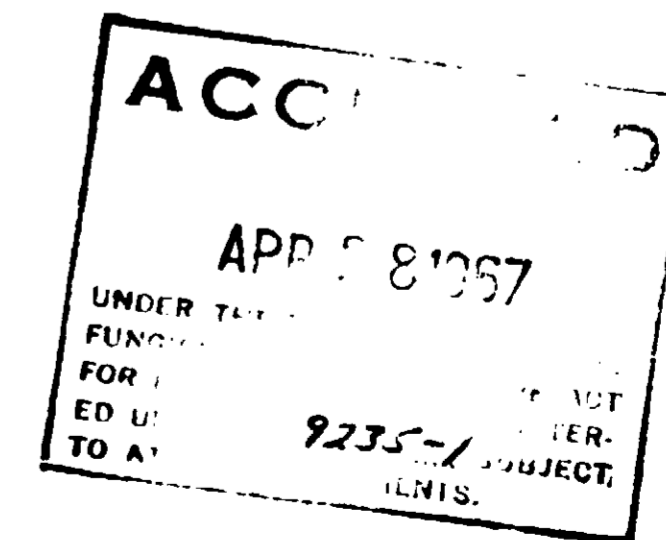
Seller makes no warranty of any kind, express or implied, concerning the results of use of this product. Buyer assumes all risk of use or handling whether in accordance with directions or not.

KEEP LID TIGHTLY CLOSED

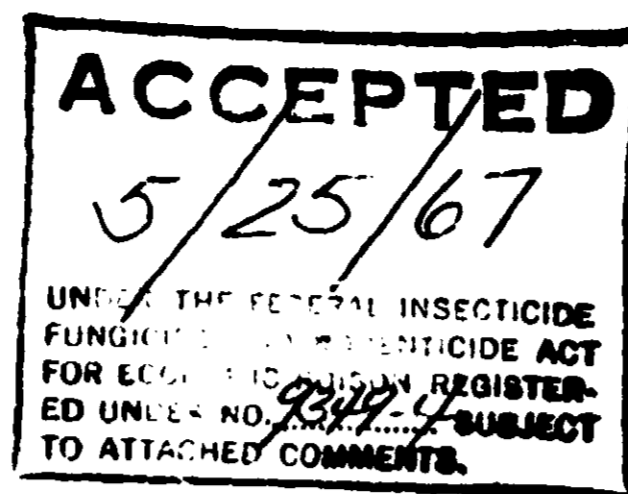
DO NOT STORE WITH FOODSTUFFS

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AMERICAN RESEARCH CORPORATION  
Toledo, Ohio

USDA REG. NO.



LEFT PANEL



#### GENERAL RECOMMENDATIONS

**AMOUNTS TO USE:** Annuals or Shallow-Rooted Plants-Apply 1 pound of Soil Sterilant per 100 square feet. One half pound as a follow up application and on railroads under certain conditions will give good control.

Perennials and Deep Rooted Plants-Apply 1 to 1½ pounds per 100 square feet. For first application where Johnson, Bermuda and Vasey grasses are a serious problem apply 2 pounds per 100 square feet.

**EXAMPLES OF USES:** Soil Sterilant may be used wherever non-cropland weed control is desired, and in any areas where vegetation is not wanted ( see CAUTION below.)

Examples are as follows:

Railroads -rights-of-way, yards and trestles.

Utilities-pipelines; telephone, telegraph and electricity power line poles; power sub-stations.

Highways-bridges, signposts, roadside markers, road shoulders; and general Highway maintenance.

Industrial Sites-petroleum and other tank farm areas, pipelines, lumberyards and mills, boundary fences and warehouses.

Agricultural-granaries and elevators, farm buildings, drainage ditches and farm roads.

Others-airfields, runways and landing lights; outdoor theatres; tennis courts; school playgrounds; driveways and parking areas.

#### APPLICATION

**Note:** It is essential that Soil Sterilant be spread uniformly at rates given.

**HOW TO APPLY:** Broadcast by hand or apply with a portable seed sower or mechanical fertilizer spreader. Special types of "air-blast" spreaders for granular materials are also available.

**Important:** Killing action of Soil Sterilant is primarily through the roots of the plants; therefore moisture is required after application. Too little moisture will not carry the chemical throughout the root zone. Excessive rainfall may leach beyond the root zone and follow up applications may be necessary.