

GENERAL INFORMATION

INSTEMUL DA 120 is a specially designed herbicide formulation for use in a water spray system. It produces a water in oil emulsion formulation which is mixed with water in bifluid spray equipment. The active ingredient is a soluble amine salt of 2,4-D which is not a hazard associated with vaporization.

INSTEMUL DA 120 is intended for use in control of broadleaf weed and grass growing areas such as industrial rights of way, fence rows and trees. It is also useful as a weed control agent in pasture areas and in control of broadleaf weeds in rice. Among the types of plants which are controlled are the following:

Alfalfa weed	Henbit	Knight's weed
Blueweed	Honeysuckle	Ragwort
Field bindweed	Horseweed	Shepherd's purse
Field pennycress	Indigo	Sunflower
Field spurge	Mexican weed	Tall weeds
Field thistle	Milkweed	Thistle
Field wild radish	Pepperweed	Trifolium
Field yellow	Pigweed	Veronica
Field yellow-flowered	Pine	Water hyacinth
Field yellow-flowered	Portulaca vine	Wild carrot
Field yellow-flowered	Ragwort	Willow

For best results, apply at rate of 1.5 to 2.0 pints per acre, spreading evenly over the area to be treated. Apply in calm or light breeze during spraying. Do not spray in wind, to prevent drift of the herbicide.

WARNING

Do not eat, drink, or use for any purpose. Do not crush and burn in a safe place. Do not use for any other purpose. Do not cut or weld on equipment contaminated with acetylene or arc welding equipment.

Do not apply INSTEMUL DA 120 directly to sensitive plants which are known to be susceptible to phytotoxicity. If such plants are present, apply the herbicide to the ground, not to the plants.

Do not apply to water, or to any water source for drinking water.

Do not use on any other crop or plant which is not listed on the label.

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U. S. D. A. Reg. No. 2738 - 44

55 Gallons

INSTEMUL

DA 120
CONCENTRATE
FOR BROADLEAF WEED CONTROL

5-9-68
2738-44

HERBICIDE

CAUTION: KEEP OUT OF REACH OF CHILDREN. SEE LEFT PANEL FOR OTHER CAUTIONS

Contains 3 pounds of 2,4-Dichlorophenoxyacetic Acid (2,4-D) equivalent per Gallon



FORMULATION

Active Ingredients

N,N-Dimethyl Oleyl Inoleyl Amine
Salt of 2,4-Dichlorophenoxyacetic Acid 70.8%

Equivalent to 35.4% of 2,4-Dichlorophenoxyacetic Acid

Inert Ingredients 29.2%
Total 100.0%

STULL CHEMICAL COMPANY

3400 NACOGDOCHES ROAD • P. O. BOX 6386 • SAN ANTONIO, TEXAS 78209

INSTEMUL

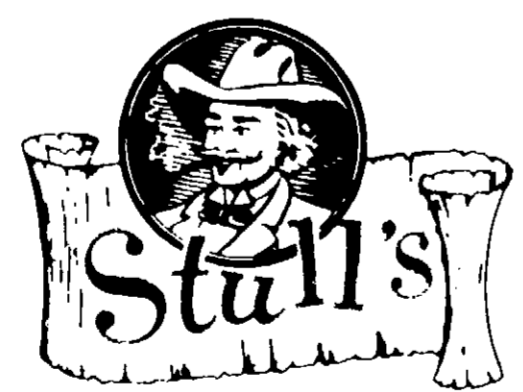
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DIRECTIONS

INSTEMUL DA 120 may be applied by either aerial application or ground vehicles, utilizing the STULL BIFLUID SYSTEM.

This formulation is especially tailored for use in the bifluid system and chemical and water should not be mixed in any way outside of the tank of the equipment and water in the tank.

In the STULL BIFLUID SYSTEM, orifice inserts for flow control are selected for the chemical and water phases in accordance with the specific requirements and volume desired and as shown in the equipment manufacturer's instructions.

Applications of this herbicide should be made during periods of little or no wind movements with all due precautions as to spraying of susceptible crops or desirable plants.

GENERAL WEED AND BRUSH CONTROL

Application rates of 1 quart to 1 gallon of INSTEMUL DA 120 per acre are suggested, depending on weed and brush density, height and species. Prior to placing INSTEMUL DA 120 in the supply tank, it should be diluted at a ratio of at least 1 part chemical to 1 part diesel fuel oil or 1 part chemical to 4 parts diesel oil to each part of chemical. This will enable the operator to control concentration of the spray. Thus diluted, the chemical and diesel oil should be mixed with water in the bifluid equipment and sprayed at volumes of 4 to 40 gallons per acre as required for adequate coverage.

Best results are obtained if spraying is done when weeds are in a rapid state of growth and when foliage is fully developed. Adequate soil moisture conditions are necessary for optimum results.

Do not allow dairy animals to graze treated pastures within 7 days after treatment.

STEM TREATING

Full stem application to woody plants such as cottonwood, pine and willow may be carried out at any season of the year with INSTEMUL DA 120 in much the same manner as conventional basal treating. INSTEMUL DA 120 should be diluted at a ratio of 1 part chemical to 4 parts diesel oil. This oil solution mixed with water in bifluid equipment at an approximate 1 part oil to 7 parts water ratio should be sprayed on the main and branching stems of the brush to be treated to obtain thorough bark coverage.

WEED CONTROL IN CROPS

When using INSTEMUL DA 120 as a weed control agent in crops it should be diluted at the ratio of 1 part chemical to 2 parts diesel fuel oil before placing in the Bifluid Spray System.

SMALL GRAINS wheat, barley, rye, sorghum when grain is in full tiller stage (4-8 inches tall) with 1/2 to 1 gallon properly diluted INSTEMUL DA 120 per acre. Do not use in grain interplanted with legumes unless damage to legume can be tolerated. Do not spray small grain after tiller stage.

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When a gallon of concentrate is diluted with 2 gallons of diesel fuel oil and 1 gallon of water, the resulting mixture will contain 1/2 gallon of concentrate, 1 gallon of diesel fuel oil and 1 gallon of water. This mixture should be applied to the treated area at a rate of 1/2 gallon per acre. The maximum amount of concentrate that may be applied to any one acre should not exceed 1/2 gallon. The maximum amount of diesel fuel oil that may be applied to any one acre should not exceed 1 gallon. The maximum amount of water that may be applied to any one acre should not exceed 1 gallon. The maximum amount of concentrate that may be applied to any one acre should not exceed 1/2 gallon. The maximum amount of diesel fuel oil that may be applied to any one acre should not exceed 1 gallon. The maximum amount of water that may be applied to any one acre should not exceed 1 gallon.

NOTICE

For further information, contact the manufacturer, Stull Chemical Company, 3400 Nacogdoches Road, San Antonio, Texas 78209. This product is registered with the U.S. Environmental Protection Agency under registration number 101-101411.