

CDAA

4 LB. CONCENTRATE HERBICIDE

do not control

• SIBERIAN BEECHES

MUDGRASS

• CLOVER DACTYLON

JOHNSON GRASS

Sorghum halepense

FGRASS

Cyperus sp.

CHAFEGRASS

Egropyon repens

BEDLLEA - PERENNIALS

COCKLEBUSH

Anthemum vulgare

FIELD CINNAMON

Convallaria arvensis

GENERAL INFORMATION

This product is recommended for controlling certain annual grasses and broadleaf weeds in only the resistant crops listed. Apply CDAA at planting time or prior to emergence of crop and weeds. Dilute with water and make coverage uniform. For best results, use 4 gallons or more water per acre when making an overall application. For band treatment, reduce the amount of CDAA in proportion to the area treated. For example, for a 12 inch band treatment when the crop is planted in 40 inch rows, use one-third as much CDAA and water as recommended for overall treatment.

CDAA is recommended for use on soils relatively high in organic matter and/or clay. It is effective in controlling susceptible annual grasses and broadleaf weeds on sandy soils low in organic matter and clay.

In undrained fields, when first cultivation is made, set cultivator to throw sod into the rows, covering the band. If soil crusts and it becomes necessary to rotary hoe or harrow, do so with and not across the rows.

The rates of application given should be considered as general. Consult the State Agricultural Extension Service or Experiment Station for specific recommendations regarding application dosage and timing of spray. The seed bed should be well worked, fine, firm, and free of clods or trash. Do not disturb the surface by unnecessary rotary hoeing or tilling. Avoid making application during periods of strong, steady winds above 15 MPH unless shields have been constructed around the sprayer to give protection from wind.

Always select proper nozzle to avoid spray drift or mist. For best results, use flat cone type nozzle rather than the cone type. To prevent loss of the chemical due to drift or mist, APPLY CDAA WITH PRESSURE FROM 20 TO 40 PSI.

In band treatment, mount nozzle behind the wheel. Proper height placement of the nozzle is extremely important. For example, when using the 80 degree Tee Jet or cone nozzles, placement of the nozzle should be approximately 7 inches above the ground to spray a 12 inch band. For best results, apply CDAA at planting time.

CDAA is most effective when applied on soils which are not extremely wet or dry. When applied to extremely wet soil, CDAA is rapidly lost by evaporation, lowering its effectiveness. In wet soil, following application at normal rates of CDAA may also result in little control. Do not apply CDAA until just before the next rain.

APPLYING CDAA TO SUSCEPTIBLE PLANTS

For best control, spray nozzle should apply a fine mist. For broadcast applications, dilute 40 to 50 gallons of water. Nozzles of other makes have been found to be suitable to minimize the losses due to drift. In making band applications, proper height placement of the nozzle is extremely important. When using the 80 degree Tee Jet or comparable nozzle, the height of the nozzle should be approximately 7 inches above the ground to spray a 12 inch band. Spray should be directed toward the ground. For best results, apply pressurized air to the planter and spray the front of planter.

NOZZLE SELECTION FOR BROADCAST APPLICATIONS

Following are some tips suggested for use. Comparable tips of other makes are also available.

RATE/ACRE	MAKE OF NOZZLE	TIP NUMBERS			
		TIP	3 MPH	4 MPH	5 MPH
20 Gal./A	Tee Jet	73	730231	730308	730385
		80	8003	8004	8006
30 Gal./A	Delavan	73	FS 5.5	FS 6.5	FS 7.5
		80	FS 6	FS 6	FS 7
30 Gal./A	Tee Jet	73	730385	730462	730616
		80	8004	8004	8006
30 Gal./A	Delavan	73	FS 7.5	FS 8.5	FS 9.5
		80	FS 8	FS 8	FS 9

NOZZLE SELECTION FOR BAND SPRAYING

Determine the number of gallons of mixed spray solution that will be used per acre to treat a 12 inch or 13 inch band directly over the planted row, then select the proper nozzle tip that will deliver this amount of spray at pressures of 20 to 40 pounds per square inch (psi).

DIRECTIONS FOR USE

BEANS (East of Rocky Mountains only) Soybeans, Lima Beans and Snap Beans. For controlling germinating weeds such as those listed under corn, apply 4 quarts of CDAA per acre as an overall treatment either at or immediately after planting. For band application, see recommendation under corn. Use 5 quarts per acre broadcast on soybeans where recommended by the State Agricultural Extension Service or Experiment Station.

CABBAGE (Wisconsin, Illinois, Indiana and Florida only) For controlling germinating weeds listed under "WEEDS CONTROLLED" on directed spray chart, apply 4 quarts per acre immediately after planting. Or to transplant, apply 4 to 6 quarts per acre directed spray immediately after transplanting. For specific rates, see county agent or experiment station.

CASTOR BEAN For controlling susceptible annual weeds, apply 4 quarts per acre.

JELLYBEAN (Florida only) Where soil is very light, apply 4 quarts per acre immediately after transplanting. When soil is soft, apply 4 quarts per acre. When soil is hard, apply 2 quarts per acre. CDAA can be applied to the soil surface or to the second application of CDAA to the soil surface. For specific rates, see county agent or experiment station.

CORN (Field corn, sweet corn, popcorn, etc.) For controlling annual weeds such as annual weedy grasses such as crabgrass, smooth foxtail, yellow foxtail and quackgrass, etc., apply 4 quarts of CDAA per acre as an overall treatment either at or immediately after planting. For band treatment, dilute the amount of CDAA in proportion to the area treated. For example, in a 12 inch band application, 1 quart per acre is equivalent to 4 quarts per acre of spray recommended by the State Agricultural Experiment Station.



MADE IN U.S.A.
A.C.E. LTD. • THE MILL VALLEY CO., INC.

ACTIVE INGREDIENT:	
N,N-Diallyl-2-chloroacetamide*	47.1%
INERT INGREDIENTS:	52.9%
TOTAL	100.0%

*Contains 4 lbs. CDAA per gallon

NET CONTENTS 5 GALLONS

EPA REG. NO. 2749-175

WARNING: KEEP OUT OF THE REACH OF CHILDREN.

MAY BE FATAL BY SKIN CONTACT.

MAY PRODUCE EYE INJURY.

DO NOT GET ON SKIN OR IN EYES.

HARMFUL IF SWALLOWED.

TO AVOID CONTACT WITH SKIN OR EYES, WEAR RUBBER GLOVES AND GOOGLES WHEN SPRAYING OR HANDLING THE CONCENTRATE. USE WITH ADEQUATE VENTILATION.

IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH SOAP AND PLENTY OF WATER; FOR EYES, FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION.

AVOID CONTAMINATION OF SEED, FEED OR FOODSTUFFS.

DO NOT REUSE EMPTY CONTAINER. DESTROY EMPTY CONTAINER BY PERFORATING OR CRUSHING AND BURYING IN A SAFE PLACE.

WARNING! FLAMMABLE! KEEP AWAY FROM HEAT OR OPEN FLAME.

THIS PRODUCT IS TOXIC TO FISH. KEEP OUT OF LAKES, STREAMS AND PONDS. DO NOT CONTAMINATE WATER BY CLEANING OF EQUIPMENT OR DISPOSAL OF WASTE. APPLY THIS PRODUCT ONLY AS SPECIFIED ON THIS LABEL.

CDAA controls these weeds:

ANNUAL BLUEGRASS

Poa annua

BARNYARDGRASS

(Watergrass)

Echinochloa crusgalli

CARELESSWEED

Amaranthus palmeri

CARPETWEED

Mollugo verticillata

CHEAT

Bromus secalinus

CRABGRASS

Digitaria spp

GIANT FOXTAIL (MILLET)

Echinochloa

GREEN FOXTAIL

Setaria viridis

YELLOW FOXTAIL

Setaria glauca

PIGWEE (REDROOT)

Amaranthus retroflexus

PIGWEE (SPINY)

Amaranthus spinosus

PURSLANE

Portulaca oleracea

STINKGRASS

Eragrostis cilianensis

ONIONS - For controlling germinating weedy grasses, purslane, pigweed, ragweed, and lamb's-quarter in seeded onions in muck soils, apply 6 quarts of CDAA per acre as an over-all treatment just before onion emergence. Do not apply CDAA if heavy rains are expected immediately following application, since some stand reduction may result. If a wind break crop is necessary in onions, use barley as a substitute for oats. Do not use wind break barley for food or feed purposes.

On sets or transplant onions, apply 6 quarts per acre as a directed spray, on muck soils soon after planting. For a delayed or second application, apply 6 quarts per acre as a directed spray after onions (except green onions) have developed 3 true leaves. Do not use within 45 days of harvest. Overall sprays may result in tip burn particularly during hot weather. This difficulty is not experienced when directed sprays are used. CDAA does not give good control of smartweed.

ORNAMENTALS - (Chrysanthemums, Gladiolus, Iris in California) For controlling susceptible germinating annual weeds in chrysanthemums, gladiolus and iris, apply 6-9 quarts of CDAA per acre as an over-all treatment immediately after planting but prior to emergence of the plant.

SORGHUM - Grain, Forage. For controlling germinating weeds, use 4 quarts of CDAA per acre as an over-all treatment immediately after planting. For band application see recommendation under corn. Do not use on seed production fields. Do not use on linter plantings or similar fields, where SORGHUM is planted at the bottom of furrows.

SUGAR CANE - (Florida only.) Apply 10 quarts of CDAA per acre as a broadcast treatment. The application may be made immediately after planting or after growth has started. Only one application should be made and not later than 10 months before harvest. Weeds that have emerged at the time of application will not be killed by the herbicide. Slight marginal leaf burn on some of the younger leaves may be observed if applied after emergence. This is only temporary and does not cause reduction of crop vigor or sugar yields.

SWEET POTATOES - (Louisiana only) Apply 4 quarts per acre (over-all) as an over-all treatment over the top of the plants immediately following setting. If set by hand, be sure the transplanting hole is filled with soil, so the spray does not contact the roots of crop may be injured.

CDAA CDEC COMBINATION

CELERY (Florida Only) and **CABBAGE** When susceptible broadleaf weeds and grasses are both present in a field of celery or cabbage, combination of CDAA and CDEC can be used advantageously. Use 3 quarts of CDAA per acre and 3 quarts of CDEC per acre on transplant celery (Florida only) and on transplanted or seeded cabbage applied immediately after transplanting or seeding.

A second application of the above combination may be made on celery immediately following cultivation after fertilization up to three weeks after transplanting.

TOMATOES (New York only) - For control of susceptible germinating annual weeds apply a combination of 3 quarts of CDAA liquid and 3 quarts of CDEC liquid per acre broadcast, immediately after seeding.

POTATOES (New York only, both muck and non-muck) - For control of annual broadleaf and grassy weeds, apply 3 quarts of CDAA liquid and 3 quarts of CDEC liquid per acre broadcast, immediately after seeding.