WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE

FOR CONTROLLING WOODY PLANTS IN FOREST MANAGEMENT PROGRAMS AND ON FENCEROWS, ROADSIDES, DRAINAGE DITCHBANKS, RAILROADS, UTILITY RIGHT-OF-WAYS AND OTHER NON-CROP AREAS.

ACTIVE INGREDIENTS:

*2-(2,4-Dichlorophenoxy)propionic acid equivalent 8.2% by weight or 2/3 pounds per gallon.

**2,4-Dichlorophenoxyacetic acid equivalent 5 2% by weight or 2/3 pounds per gallon. Isomer specific by AGACL method No. 6.DO1-5.

Contains Petroleum Distillate

EPA Reg. No. 264-393

PATENT PENDING

EPA Est. No. 264-M0-01

KEEP OUT OF REACH OF CHILDREN
WARNING
PRECAUTIONARY STATEMENTS: See inside booklet.

IN CASE OF EMERGENCY PHONE (24 HOURS A DAY) IN U.S.A.1-800-UCC-HELP FOR GENERAL PRODUCT INFORMATION CALL 1-800-334-9745.

OUnion Carbide Agricultural Products Company, Inc. Post Office Box 12014, T. W. Alexander Drive Research Triangle Park, North Carolina 27709

Made in U.S.A.

GENERAL INFORMATION

WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE is a ready-to-apply formulation that can be used in basal, stump and stem applications. WEEDONE® CB is a ready-to-use product, applied undiluted, using the special application equipment described on the label. It controls over 100 major woody plant species, including oak, hickory, multiflora rose, sweetgum and blackgum when applied to the lower 18 to 24 inches of the plant stem. During the growing season, vegetation near treated stems may be discolored and even killed. WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE normally allows ground cover plants to become re-established in the treated area.

WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE can be applied in both dormant and growing seasons. This year-round capability lengthens treatment programs and improves crew utilization.

WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE is ready-to-apply and requires no mixing with oil, thus reducing application time.

WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE will not freeze under normal storage or use conditions.

WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE gives effective control of numerous unwanted woody plant species.

Species controlled by WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE include:

Ailanthus (tree-of-heaven) Alder Apple seedlings Aralia (devils-walkingstick) Ash Ash, green *Ash, white Aspen Aspen, big-tooth Aspen, quaking Balm-of-Gilead Bayberry, northern Beautybush Beech ' Birch *Birch, gray Birch, paper *Birch, river Blackberry Boxelder Buckeye Buckeye, Ohio Butternut Briars Camphor tree Catalpa, western Cherry *Cherry, black Cherry, pin Chokecherry, common Cottonwood Dogwood Elder Elder, Pacific red Elm, American Elm, Chinese Elm, red Elm, winged Fir Fir, Balsam Fir, Douglas

Ailanthus altissima Alnus sp. Malus sp. <u>Aralia spinosa</u> Fraxinus sp. Fraxinus pennsylvanica Fraxinus americana Populus sp. Populus grandidentata Populus tremuloides Populus gileadensis Myrica pennsylvanica Kolkwitzia amabilis Fagus sp. Betula sp. Betula populifolia Betula papyrifera Betula nigra Rubus sp. Acer negundo Aesculus sp. Aesculus glabra Juglans cinerea Rosa sp. Cinnamomum camphor Catalpa speciosa <u>Prunus virginiana</u> Prunus serotina Prunus pensylvanica Prunus virginiana Populus sp. Cornus sp. Sambucus sp. Sambucus callicarpa Ulmus americana Ulmus parvifolia Ulmus fulva Ulmus alata Abies sp. Abies balsamea

Grape

Grape, Fox

Gum, black Gum, sweet Pseudotsuga menziesii

Liquidambar styraciflua

Vitis sp.

Vitis <u>labrusca</u> Nyssa <u>sylvatic</u>a

Hackberry Celtis occidentalis Hardhack Spiraea tomentosa Hawthorn Crataegus sp. Hawthorn, English Crataegus oxyacantha Hazel, beaked Corylus cornuta Hickory Carya sp. Hickory, pignut <u>Carya</u> glabra Hickory, shagbark Carya ovata Honeysuckle Lonicera japonica Hornbeam Carpinus sp. Huckleberry Vaccinium sp. Ironwood Ostrya virginiana Ivy, English Hedera helix Juniper, common <u>Juniperus</u> communis Laurel, sheep <u>Kalmia</u> <u>ang</u>ustifolia Locust Robinia sp. Locust, black Robinia pseudoacacia Magnolia <u>virginiana</u> Magnolia (Sweet bay) *Maple Acer sp. *Maple, bigleaf Acer macrophyllum *Maple, red Acer rubrum *Maple, sugar Acer saccharum Mulberry Morus sp. 0ak Quercus sp. Oak, bur Quercus macrocarpa Oak, chestnut Quercus prinus Oak, northern red Quercus rubra Quercus palustris Oak, pin Oak, southern red Quercus falcata Oak, water Quercus nigra Oak, white Quercus alba Orange, sour Citrus aurantium Osageorange Maclura pomifera Persimmon, common Diospyros virginiana *Pine, shortleaf ** <u>Pinus echinata</u> *Pine, Virginia ** Pinus virginiana Pinus banksiana Pine, jack Pine, red Pinus resinosa Pine, white Pinus strobus Poison-ivy Rhus radicans Poison-oak Rhus toxicodendron Poplar Populus sp. Poplar, balsam Populus balsamifera Prickly-ash Zanthoxylum americanum Prickly pear Opuntia sp. Raspberry, <u>Rubus</u> sp. Redcedar, eastern Juniperus virginiana Rhododendron, Canadian Rhododendron canadense Rosa sp. Rose, multiflora Rosa multiflora Sassafras Sassafras albidum Serviceberry Amelanchier sp. (shadbush)

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Sourwood Spruce, white

Sumac

Sumac, staghorn Sumac, poison Swamp cyrilla Sweetfern

Sycamore, American Tallowtree, Chinese

Tulip-poplar (yellow poplar)

Walnut, black Wax myrtle,

(southern bayberry)

Willow

Willow, Bebb Witchhazel Withe-rod Oxydendrum arboreum

Picea glauca

Rhus sp.

Rhus typhina Rhus vernix

Cyrilla racemiflora
Comptonia peregrina
Platanus occidentalis

Sapium sebiferum

Liriodendron tulipifera

<u>Juglans</u> sp.
<u>Juglans</u> <u>nigra</u>
Myrica cerifera

<u>Salix</u> sp.

Salix bebbiana Hamamelis sp.

Virburnum cassinoides

*Treat at least the lower 36 inches of stem as specified in Directions for Use.

 \checkmark **Not effective on southern pines larger than 2 1/2" in stem diameter (DBH)

Plorida drainage ditchbank species controlled by WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE include the following:

Lantana, largeleaf

Sea Myrtle

Brazilian peppertree Australian-pine

Cabbage palmetto

Lantana camara

Baccharis sp.

Schinus terebinthifolius Casuarina equisetifolia

Sabal palmetto

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

Be sure that use of this product conforms to all applicable laws, rules and regulations. Certain states have restrictions pertaining to application distances from susceptible crops. The applicator should become familiar with these laws, rules or regulations and follow them exactly. Apply this product only as specified on this label.

Do not dilute WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE with water. Do not apply WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE when stems are wet. Rainfall which follows application of WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE to dry stems does not normally reduce brush control.

Do not graze meat or dairy animals on treated area.

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FOR CONTROLLING WOODY PLANTS IN FOREST MANAGEMENT PROGRAMS AND ON FENCEROWS, ROADSIDES, DRAINAGE DITCHBANKS, RAILROADS, UTILITY RIGHT-OF-WAYS AND OTHER NON-CROP AREAS.

Average application volume of WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE is 3 gallons per acre, although actual amount used will vary from 1-5 gallons depending on the amount and size of brush in the treated area. Total spray volume should be approximately 10% of that required for a conventional basal treatment. Do not exceed a total application volume of 20 gallons WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE per acre.

BASAL BARK TREATMENT

To control general mixed brush up to 4 inches DBH (trunk diameter at breast height) including oak, hickory, sweetgum, blackgum, and many others, apply WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE undiluted to the lower 18-24 inches of the plant stem. Treat all around the stem including the root collar area and any exposed roots. It is not necessary for WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE to run down or puddle in the root collar area.

To control Southern pines less than 2 1/2 inches DBH, increase treatment height to cover the lower 36 inches of stem bark.

To control ash, cherry, or maple increase treatment height to cover the lower 36 inches of stem bark.

WEEDONE® CB brand PEADY-TO-USE WOODY PLANT HERBICIDE basal bark treatment will control top growth of root-suckering species such as aspen, sumac, Sassafras, persimmon and black locust, but regrowth from lateral roots may occur the following growing season. Fall and winter treated stems may briefly leaf out in the following spring before final kill. WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE will not usually control woody stems larger than 4" DBH. For large stems, cut the tree and treat the stump as directed in the section on stump treatment.

STUMP TREATMENT

Control stems larger than 4 inches DBH, by cutting the tree and thoroughly treating the bark and root collar area of the remaining stump. The stump can be cut at any height - low or high as long as the remaining wood, bark and root collar area is thoroughly treated.

Cutting the stump as close to the ground as possible will reduce the amount of WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE needed for control.

Stumps do not require immediate treatment permitting separate cut and spray operations for greater efficiency.

FENCERGW TREATMENTIN

To control brush in fencerows apply WEEDONE CB brand READY-TO-USE WOODY PLANT HERBICIDE to brush or stumps as directed above. Do not allow WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE spray or drift to contact crops, forage plants or ornamentals.

DRAINAGE DITCHBANK TREATMENT

WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE effectively removes unwanted brush along ditchbanks that interferes with the growth of bank-holding perennial grasses. WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE is an excellent management tool, allowing you to selectively remove unwanted brush while leaving desired species. Do not allow spray or spray drift to contact water.

To control brush on drainage citches apply WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE to brush or stumps as directed above. Do not allow WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE spray or spray drift to contact crops, forage plants or ornamentals.

TANK MIXTURES WITH OTHER HERBICIDES

WEEDONE CB/Garlon 4-

When mixing WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE with other herbicides, follow all directions, precautions and limitations on both product labels.

To improve control on (resistant) difficult-to-control species such as red maple, white ash, and black cherry, apply a mixture of 7 parts WEEDONE® CB brand WOODY PLANT HERBICIDE and 1 part Garlon 4 Herbicide (7 pints + 1 pint). Cover the lower 18" to 24" of brush stem thoroughly as with other WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE applications.

Add the required amount of Garlon 4 to the WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE in the sprayer tank. Shake or stir the sprayer to thoroughly mix the two ingredients. Once mixed, the Garlon 4 and WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE tank mixture should not need additional agitation.

WEEDONE CB/Tordon K

To improve control of pine and root-suckering species such as sassafras, black locust or sumac apply a mixture of 7 parts WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE and 1 part Tordon K Herbicide. the lower 18" to 24" of brush stem thoroughly as with other WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE applications.

Cover

Add the required amount of Tordon K Herbicide to the WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE in the sprayer tank. Shake or stir the sprayer to thoroughly mix the two ingredients and continue to agitate the sprayer every few minutes while spraying.

WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE tank mixtures with Tordon K Herbicide will separate on standing. Use entire spray mixture, do'not allow this tank mixture to remain in the sprayer overnight. Do not apply this tank mixture to drainage ditch banks.

WEEDONE CB/Banvel OS

To improve control of pines, ash, persimmon, osageorange and certain other difficult-to-control species, apply a mixture of 7 parts WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE and 1 part Banvel OS Herbicide. Cover the lower 18" to 24" of brush stem thoroughly as with other WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE applications.

Add the required amount of Banvel OS to the WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE in the sprayer tank. Shake or stir the sprayer to thoroughly mix the two ingredients. Once mixed, the Banvel OS and WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE tank mixture should not need additional agitation.

Banvel Herbicide can be substituted for an equal amount of Banvel OS, but a suitable emulsifier or compatibility agent must be added to enable the Banvel Herbicide to disperse in the WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE. Test suitable mixtures before using. Banvel Herbicide/WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE tank mixtures will separate on standing, do not allow this tank mixture to remain in the sprayer overnight or for any prolonged period without agitation. Do not apply this tank mixture to drainage ditch banks.

APPLICATION EQUIPMENT

WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE can be applied from a hand pump back pack sprayer or a hand-carried pump-up pressurized sprayer such as Chapin Model 152, Sears 1443, or Birchmeier Iris 10, Cooper Pegler Model CP 15 or Solo models 425/475 (equipped with Aflas gaskets).

For most efficient use of the spray mixture, apply with a gun such as the B & G Extenda-wand equipped with a Spraying System 5500 Y series adjustable ConeJet nozzle. Equip all nozzles with a 200 mesh screen.

An alternate system which will reduce but not eliminate dripping between trigger releases is a 200 mesh TeeJet strainer and check valve number 4193A-SS having a spring opening that operates at 10 psi with the Spraying Systems 55CC Y series adjustable ConeJet nozzle mounted on a conventional basal spray wand...

Since WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE is applied as a concentrate, the most efficient nozzle size will vary with the diameter of the brush stems to be treated:

For average brush of 1-3 inches DBH, or for heavy stands of brush with most stems less than 1 inch DBH use the Spraying Systems 5500 adjustable ConeJet nozzle with a Y2 orifice.

- For scattered stands or large trees or brush or to treat large stumps, use the Spraying Systems 5500 adjustable ConeJet nozzle with a Y3 orifice.
- For small stems less than 1 inch diameter or to limit amount of WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE applied, use the Spraying Systems 5500 adjustable ConeJet nozzle with a'Y1 orifice.

Spray pressure of 15 PSI is optimum for most use. Do not use spray pressure higher than 20 PSI.

EQUIPMENT MAINTENANCE

WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE may affect 0 rings and other seals in certain sprayer units. The most effective method of minimizing this problem is to drain the sprayer completely every evening. WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE is a concentrate and can be returned to the original container.

If daily applicator draining cannot be performed, prolonged exposure of specific wetted rubber parts, starting after two weeks, will result in reduced applicator reliability. Viton, Nitrile Rubber, Buna N., Neoprene and EPDM are particularly susceptible to swelling after prolonged exposure to WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE. Tests have shown Aflas-Poly (tetrafluorethylene-co-propylene) to have excellent long-term resistance to WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE. Solo Inc., Newport News Virginia, telephone (804) 245-4228, currently provides Aflas replacement gaskets (part # 4900337) for the Solo Model 425 Applicator. Other applicator manufacturers are currently evaluating other alternative rubbers having long-term resistance to WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE.

To prevent time loss in the field, have available replacement parts whenever you start out to spray.

Sprayers can be cleaned of WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE at the end of the season, or prior to shifting to other herbicides, by first rinsing with kerosene, then following with a triple rinse of hot water and detergent. At the end of the spray season replace all 0 rings and/or seals showing signs of deterioration. Such a maintenance program will prolong the life of your equipment.

PRECAUTIONARY STATEMENTS WARNING

HAZARD TO HUMANS AND DOMESTIC ANIMALS

Harmful i. swallowed, or inhaled or absorbed through the skin. Causes skin, and eye irritation. Do not get in eyes, on skin or clothing. Avoid breatning spray mist. Wear protective clothing, including long-sleeve shirt, full length trousers, and rubber gloves when handling. Wash thoroughly with soaper, and water after handling and before eating or smoking. Remove contaminated clothing and wash before reuse.

STATEMENT OF PRACTICAL TREATMENT

In case of skin contact, wash with plenty of soap and water. Get medical attention if irritation develops.

In case of eye contact, wash eyes immediately with running water for at least 15 minutes.

If swallowed, drink promptly 2-3 glasses of milk, large quantities of egg whites, gelatin solution or if these are not available, drink 2-3 glasses of water.

Avoid alcohol. Get medical attention. Do not induce vomiting. Do not give anything by mouth to an unconscious person.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water.

Do not contaminate water by cleaning of equipment or disposal of wastes.

Do not graze meat or dairy animals on treated area.

Do not apply when weather conditions favor drift. Do not use the same spray equipment for other purposes unless thoroughly cleaned. Do not contaminate water used for domestic or irrigation purposes. Do not use in or near a greenhouse. Do not apply WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE directly to or permit spray mist to drift onto cotton, okra, grapes, tomatoes, fruit trees, vegetables, flowers, or other desirable crop or ornamental plants which as susceptible plants since very small quantities of the 2,4-D or 2,4-DP will cause severe injury during the growing or dormant periods. Crops contacted by WEEDONE® CB brand READY-TO-USE WOODY PLANT HERBICIDE sprays or spray drift may be killed or suffer significant stand loss with extensive quality and yield reduction.

Vapors from this product may injury highly sensitive plants already growing in the immediate vicinity or planted there two to three weeks after spraying. Do not use in or near a greenhouse.

Do not use this product for purposes other than those recommended on this label.

Drift may be reduced by: (1) applying as near to the target as possible; (2) by decreasing the pounds of pressure at the nozzle tips; (3) by using nozzles which produce a coarse spray pattern; (4) by not applying when wind is blowing toward susceptible crops or valuable plants.

STORAGE AND DISPOSAL

STORAGE

Do not store near fertilizers, seeds, insecticides, or fungicides.

PESTICIDE DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Wastes representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local procedures.

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use when it is used in accordance with such directions; and (c) that the directions, warning and other statements on this label are based upon responsible experts' evaluation of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants, and of residues on food crops and upon reports of field experience. Tests have not been made on all varieties or in all states or under all conditions. THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE, ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

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