

## DIRECTIONS

### FOLIAGE STEM METHOD

This is the standard method for high volume sprays along fencerows, highways and rights-of-way. Apply spray to both foliage and stems of all plants from the time foliage is fully developed until plants begin to go dormant. **For effective control, all leaves, stems and suckers must be thoroughly wet to ground line.** Some regrowth may be expected on resistant species, such as ash, maple, oak and persimmon. Add 1 gallon WEEDONE IBK to 100 gallons of water. Mix thoroughly before spraying. Use 100 to 300 gallons of spray mixture per acre depending on density and height of brush.

### BASAL BARK METHOD

Wet the base of all stems until the spray puddles on all sides and collects around the root collar at ground line. This spray may be applied in any season. Apply WEEDONE IBK with the basal bark method on scattered brush, or as a "second spray" on species resistant to a first foliage spray. Mix 3 to 4 gallons of WEEDONE IBK in 100 gallons of oil. Apply with low volume knapsack sprayer or power equipment. Concentration will depend on species present, volume of spray used, and season applied.

### MODIFIED BASAL METHOD

Drench the base of plants, then wet remaining stems and leaves to run-off, spraying the lower 4/5 of the plants from bottom up. Treat when brush is in full foliage. This method may be used where susceptible species have been controlled by prior sprays and resistant species such as maple, oak, persimmon and ash remain. **Drenching the base of the plant and wetting all stems to run-off is essential for complete control.**

**Early season spraying:** Add 1 to 1½ gallons of WEEDONE IBK to 10 gallons of diesel oil and mix thoroughly. Add this mixture to 89 gallons of water.

**During dry weather or the latter part of spray season:** Add 1½ gallons of WEEDONE IBK to 15 gallons of diesel oil and mix thoroughly. Add this mixture to 83½ gallons of water. Stir thoroughly before spraying, particularly if material is allowed to stand for more than one hour after mixing.

### POWERED KNAPSACK BASAL SPRAY

Mix 8 to 14 gallons of WEEDONE IBK with fuel oil or kerosene to make 100 gallons of spray solution. Apply with a portable knapsack mistblower to lower brush stems. Apply spray to all sides of stems; good root collar coverage is essential. Run knapsack mistblower at ¼ to ⅓ throttle for best spray delivery and coverage.

For maximum drift control, use a basal nozzle attachment. Do not raise spray nozzle above horizontal position. Apply 30 gallons of spray solution per acre if brush cover is dense and 20 gallons of spray solution if brush cover is light.

### RAILROAD ON-TRACK APPLICATION

Use 1 gallon of WEEDONE IBK and 1 quart of TRANSVERT in each 100 gallons of water and apply 100 to 300 gallons per acre to control mixed brush growing along railroad rights-of-way and under railroad communication lines. Apply from spray trains or Hi-Rail equipment only. Avoid contact with skin, eyes or clothing.

### CUT SURFACE METHOD — Stump

This method can be used at any time of year, but is more effective when applied as soon as possible after trees are cut. Spray the entire stump, particularly bark and exposed roots. **A thorough drenching is essential for complete control.**

Mix 3 to 4 gallons of WEEDONE IBK in 100 gallons of oil. Apply with low volume knapsack sprayer using solid cone nozzle of medium orifice.

### CUT SURFACE METHOD — Frill

Make a frill by using an axe to cut overlapping notches in a continuous ring around the trunk near its base. Cut through the bark but do not remove chips. This method is recommended for cull trees 5 to 6 inches in diameter and larger. Treat freshly cut frills at any time of the year.

Mix 3 to 4 gallons of WEEDONE IBK in 100 gallons of oil. Pour in as much of this mixture as the frill will hold without wasting chemical.

WEEDONE IBK is a most effective formulation for controlling:

### GENERAL INFORMATION

WEEDONE IBK is a concentrated 50-50 combination of 2,4-D and 2,4,5-T as the low-volatile butoxyethanol ester. WEEDONE IBK is specifically designed for utilities and other industrial users to control woody plants.

WEEDONE IBK mixes with oil or kerosene and emulsifies in water.

WEEDONE IBK controls many noxious perennial weeds on uncropped land, such as along highways.

WEEDONE IBK is a most effective formulation for controlling:

ALDER	CRABAPPLE	LOCUST	SPICEBUSH
ASH	DEWBERRY	OAK	SUMAC
ASPEN	DOGWOOD	OSAGEORANGE	SWEET GUM
BIRCH	ELDERBERRY	PERSIMMON	SYCAMORE
BLACKBERRY	ELM	PINE	VIRGINIA CREEPER
BOX ELDER	GALLBERRY	POISON IVY	WALNUT
BUCKBRUSH	GROUND CHERRY	POISON OAK	WILD CHERRY
BUTTERNUT	HONEYSUCKLE	POPLAR	WILD GRAPE
CATALPA	HORSE CHESTNUT	RASPBERRY	WILD ROSE
"STNUT	KUDZU	SASSAFRAS	WILLOW

(and many other species)

# WEEDONE<sup>®</sup> WOODY PLANT HERE

Contains the butoxyethanol esters of 2,4,5-T and 2,4-D. Controls woody plants on utility rights-of-way and along highways.

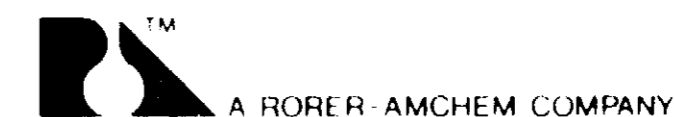
**CAUTION:** Keep out of reach of children. See directions on right side panel.

### ACTIVE INGREDIENTS:

\*2,4,5-Trichlorophenoxyacetic acid, butoxyethanol ester  
\*\*2,4-Dichlorophenoxyacetic acid, butoxyethanol ester

### INERT INGREDIENTS:

\*2,4,5-Trichlorophenoxyacetic acid equivalent 21.5% by weight or 2 pounds per gallon.  
\*\*2,4-Dichlorophenoxyacetic acid equivalent 21.5% by weight or 2 pounds per gallon.



## AMCHEM PRODUCTS

First Name in Herbicide Research  
AMBLER, PA ■ Clinton, IA ■ St. Joseph, MO  
EPA Reg. No. 264-21-ZC

# WEEDONE® IBK

## WOODY PLANT HERBICIDE

Contains the butoxyethanol ester of 2,4,5-T and 2,4-D. Controls woody plants on utility rights-of-way and along highways.

**CAUTION:** Keep out of reach of children. See other cautions on right side panel.

**ACTIVE INGREDIENTS:**

\*2,4,5-Trichlorophenoxyacetic acid, butoxyethanol ester ..... 29.9%  
\*\*2,4-Dichlorophenoxyacetic acid, butoxyethanol ester ..... 31.2%

**INERT INGREDIENTS:** ..... 38.9%

\*2,4,5-Trichlorophenoxyacetic acid equivalent 21.5% by weight or 2 pounds per gallon.

\*\*2,4-Dichlorophenoxyacetic acid equivalent 21.5% by weight or 2 pounds per gallon.



**AMCHEM PRODUCTS, INC.**

First Name in Herbicide Research  
AMBLER, PA ■ Clinton, IA ■ St. Joseph, MO ■ Fremont, CA  
EPA Reg. No. 264-21-ZC

### AERIAL APPLICATION

Use 3 gallons of WEEDONE IBK and ½ gallon TRANS-VERT mixed with water to make 12 to 15 gallons total volume per acre to control mixed brush growing on utility rights-of-way. Where red maple, conifers, ash, hickory or oak are the major problems, use 3 gallons of WEEDONE IBK and ⅔ gallon TRANS-VERT in 15 gallons total volume per acre.

Apply the spray only through equipment designed to provide effective drift control. A helicopter mounted Amchem MICROFOIL™ applicator or other equipment that provides equivalent drift control is recommended.

For aerial applications to solid stands of brush in California use 2 to 4 quarts of WEEDONE IBK in 3 to 12 gallons of water per acre. Two to 4 quarts of fuel oil may be added to this mixture.

### Easy to control brush

For aerial application to brush along utility rights-of-way apply 3 gallons of WEEDONE IBK in 12 to 15 gallons of water per acre.

One gallon of fuel oil may be added.

### BRUSH CONTROL—FOREST MANAGEMENT

#### Aerial or Ground

#### Conifer release

To control alder apply 2 quarts of WEEDONE IBK in 9½-15 gallons fuel oil per acre just before Douglas fir bursts its buds in early spring and before alder leaves have expanded.

To control willow, cherry, elderberry and other mixed deciduous hardwoods, apply 2 quarts of WEEDONE IBK plus 2 quarts fuel oil in 9 to 15 gallons water per acre in late spring when most new leaves are full size. Omit fuel oil if new growth on Douglas fir is more than 1-inch long.

To control mixed deciduous brush in pine plantations in northern and western states apply 1-2 qts. WEEDONE IBK in 4½-9½ gallons water per acre. Apply from mid-July to mid-August in northern states and mid-August to mid-September in western states when annual growth has stopped.

### Forest site preparation

Apply 2-4 quarts WEEDONE IBK plus 1-2 pints TRANS-VERT in 9-15 gallons water per acre to reduce competition from mixed trees and brush before planting forest tree seedlings. Apply when most new leaves are fully expanded until mid-summer. Do not apply to established plantations as this spray mixture may injure planted conifers.

**TO PREPARE A SPRAY:** Add one-half the required amount of oil or water to the spray tank, then add this product with agitation and finally the balance of the water or oil with continuous agitation.

**CAUTION:** If this material is to be used in structures, do not let water get into it or the structure.  
**NOTE:** This material forms an emulsion solution. This tends to separate on standing. Agitation to prevent such separation is required for spray mixture.

### CAUTION

**Harmful if swallowed. Avoid contact with clothing.**

Avoid spray drift to susceptible plants such as beans, tomatoes and ornamentals as they may cause injury. Coarse sprays are less likely to cause injury. Do not use same spray equipment for other uses.

Under very high temperatures of use, the product may injure susceptible plants in the vicinity. Do not store near fertilizers, seed treatments or fungicides. Do not use in a greenhouse.

Do not graze dairy animals on treated areas after application. Do not graze meat animals on treated areas within 2 weeks of slaughter.

This product is toxic to fish. Keep out of streams, ponds or other bodies of water. Do not apply where runoff may occur. Do not apply when weather conditions are such that spray will drift onto areas treated. Do not contaminate any waterways by washing of spray equipment or disposal of empty containers. Do not use around the home, in parks or playgrounds.

Rinse spray equipment and container thoroughly. Liquid wastes in a pit in non-crop lands should be buried in a safe place and not accessible to livestock. Destroy empty containers in a safe place.

**Do not use this product for purposes not recommended on the label.**

### WARRANTY

Amchem warrants that composition of this product conforms to the chemical description given in the statement and the product is suited for the uses described when used according to directions. However, with the use of this product, it is impossible to eliminate all risks, even though label directions are followed. Amchem, therefore, makes no other warranty, and no agent of Amchem is authorized to do so. Buyer agrees, in purchasing this product, to assume the risks and in the event of damage to accept refund of the price of the product as full discharge of liability.

# WEEDONE<sup>®</sup> IBK PLANT HERBICIDE

butoxyethanol ester  
2,4-D. Controls  
on utility rights-of-way  
highways.

Keep out of reach of children. See other cautions

acetic acid, butoxyethanol ester	29.9%
acetic acid, butoxyethanol ester	31.2%
	38.9%

acetic acid equivalent 21.5% by weight

acetic acid equivalent 21.5% by weight

**AMCHEM PRODUCTS, INC.**

Center for Herbicide Research

1000 R. PA ■ Clinton, IA ■ St. Joseph, MO ■ Fremont, CA

Reg. No. 264-21-ZC

## AERIAL APPLICATION

Use 3 gallons of WEEDONE IBK and ½ gallon TRANS-VERT mixed with water to make 12 to 15 gallons total volume per acre to control mixed brush growing on utility rights-of-way. Where red maple, conifers, ash, hickory or oak are the major problems, use 3 gallons of WEEDONE IBK and ⅔ gallon TRANS-VERT in 15 gallons total volume per acre.

Apply the spray only through equipment designed to provide effective drift control. A helicopter mounted Amchem MICROFOIL™ applicator or other equipment that provides equivalent drift control is recommended.

For aerial applications to solid stands of brush in California use 2 to 4 quarts of WEEDONE IBK in 3 to 12 gallons of water per acre. Two to 4 quarts of fuel oil may be added to this mixture.

### Easy to control brush

For aerial application to brush along utility rights-of-way apply 3 gallons of WEEDONE IBK in 12 to 15 gallons of water per acre.

One gallon of fuel oil may be added.

## BRUSH CONTROL—FOREST MANAGEMENT

### Aerial or Ground

#### Conifer release

To control alder apply 2 quarts of WEEDONE IBK in 9½-15 gallons fuel oil per acre just before Douglas fir bursts its buds in early spring and before alder leaves have expanded.

To control willow, cherry, elderberry and other mixed deciduous hardwoods, apply 2 quarts of WEEDONE IBK plus 2 quarts fuel oil in 9 to 15 gallons water per acre in late spring when most new leaves are full size. Omit fuel oil if new growth on Douglas fir is more than 1-inch long.

To control mixed deciduous brush in pine plantations in northern and western states apply 1-2 qts. WEEDONE IBK in 4½-9½ gallons water per acre. Apply from mid-July to mid-August in northern states and mid-August to mid-September in western states when annual growth has stopped.

### Forest site preparation

Apply 2-4 quarts WEEDONE IBK plus 1-2 pints TRANS-VERT in 9-15 gallons water per acre to reduce competition from mixed trees and brush before planting forest tree seedlings. Apply when most new leaves are fully expanded until mid-summer. Do not apply to established plantations as this spray mixture may injure planted conifers.

TO PREPARE A SPRAY: Add one-half the required amount of oil or water to the spray tank, then add this product with agitation and finally the balance of the water or oil with continuous agitation.

**CAUTION:** If this material is to be used in straight oil mixtures, do not let water get into it or the finished mixture. **NOTE:** This material forms an emulsion in water—not a solution. This tends to separate on standing. Provide agitation to prevent such separation and ensure a uniform spray mixture.

## CAUTION

**Harmful if swallowed. Avoid contact with skin, eyes or clothing.**

Avoid spray drift to susceptible plants such as cotton, beans, tomatoes and ornamentals as this product may cause injury. Coarse sprays are less likely to drift. Do not use same spray equipment for other purposes.

Under very high temperatures of use, vapors from this product may injure susceptible plants in the immediate vicinity. Do not store near fertilizers, seeds, insecticides, or fungicides. Do not use in a greenhouse.

Do not graze dairy animals on treated areas within 6 weeks after application. Do not graze meat animals on treated areas within 2 weeks of slaughter.

This product is toxic to fish. Keep out of lakes, streams, or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate any body of water by washing of spray equipment or disposal of waste. Do not use around the home, in parks or recreation areas.

Rinse spray equipment and containers and dispose of liquid wastes in a pit in non-crop lands away from water supplies and not accessible to livestock. Do not reuse empty containers. Destroy in a safe place.

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

## WARRANTY

Amchem warrants that composition of this product conforms to the chemical description given in the ingredient statement and the product is suited for the purposes described when used according to directions. Because of the broad range of conditions which may be encountered with the use of this product, it is impossible to eliminate all risks, even though label directions are followed. Amchem, therefore, makes no other express or implied warranty, and no agent of Amchem is authorized to do so. Buyer agrees, in purchasing this product, to assume the risks and in the event of damage arising from a breach of the warranty to accept refund of the purchase price of the product as full discharge of Amchem's liability.