

DU PONT

WILMINGTON, DELAWARE
AMMATE X

50
LBS. NET

DU PONT Weed Killer

DU PONT

REG. U.S. PAT. OFF.

AMMATE X

WEED & BRUSH KILLER

ACTIVE INGREDIENT Ammonium Sulfamate 95%
INERT INGREDIENTS 5%
USDA REG. NO. 352-206

CAUTION: ...

GENERAL INFORMATION - Du Pont Ammate X Weed and Brush Killer is highly effective for killing undesirable woody plants and for use as a contact spray for control of weeds and grasses. Temporary non-productivity of soil may be caused by heavy applications of Ammate X. This condition usually disappears in the "over winter" period.

Some species of woody plants and perennial weeds are difficult to control and retreatment may be necessary if regrowth occurs.

Ammate X is water soluble, non-volatile, and non-flammable.

IMPORTANT - Ammate X is non-selective and should not be used on ornamental plants or vegetation near domestic waters.

Wash sprayer thoroughly after use to prevent Ammate X from being carried to other areas. Wash sprayer thoroughly after use to prevent Ammate X from being carried to other areas.

Do not re-use bag. Bury when empty.
NET 50 LBS.

E. I. DU PONT DE NEMOURS & COMPANY (INC.)
INDUSTRIAL AND BIOCHEMICALS DEPT., WILMINGTON, DELAWARE

THIS BAG COATED WITH
DU PONT LUDOX COLLOIDAL SILICA
TO PROVIDE ANTI-SKID CHARACTERISTICS

20% OF ACTUAL SIZE

50
LBS. NET

AMMATE X

DU PONT

ACCEPTED
Nov 5, 1968

Ammate X
or in separat

Re
Ammate X
interbus spect
Willow. Applic
treatment

FOLIAGE S
1 gal water
to discolor, pr
coverage spra
best results. I
field side as w
in preventing
Ammate X is

Amount per
Water Solution
blast equipm
1 qt Du Po

Oil-Water Em
(prepared in
fuel oil. Fill sp
proper volum
pre-mix of 1 c
ture as above.

STUMP TR
stumps as soc
cut surface, o
water; be sure
tion to mark t

TREATMEN
such as blackj
treat at any tir
Frill Method—
with downward
to 10 lbs. "Am
to identify tre

Notch or Cup
prying out chi
roots if any st
to 6 inches arc
trees under 3

Ammate X, in
control of wo
such as leafy
and Annuals
quarters, lark
Use Ammate
emission. Pre
equipment. Th
and duration o

Use 60 lbs. A
a coarse spray
foliage throu
1 gal will cover
if bark of tree
may result. Do

NOTICE TO
tion on the la
used in accord
to use of this
under conditio
letter makes n

"Ammate" X should be used only in accordance with recommendations on this label or in separate Du Pont Agricultural Bulletins available through local dealers.

DIRECTIONS—BRUSH CONTROL

Right of Ways—Roadsides—Drivage Drives—Rangelands—Pastures
Ammate" X has higher effect on the killing of st. wood, vines, and other woody perennials, fernous species, and as alder, ash, birch, cedar, elm, gum, hickory, maple, oak, poplar, willow. Application is made by spraying directly by hand or with hydraulic equipment.

FOLIAGE SPRAY APPLICATION—Ammate" X may be made in water solution or as oil water emulsion. In both cases, it is best applied at temperatures above 60° F. to discolor, under able, during period of high temperatures, a high humidity. Apply coverage spray to foliage, stems, buds, and base of brush, thorough coverage essential for best results. In roadside applications on tall, dense brush it is often necessary to spray from field side as well as road side. Spraying away from crops planted close to right of way will aid in preventing contact of crops with spray or drift. Coarse sprays are less likely to drift. Ammate" X is not volatile.

Amount per 100 Gallons of Spray
Water Solution—Use 60 lbs. "Ammate" X with hydraulic equipment, 150 to 200 lbs. with air blast equipment. To improve wetting of foliage, add 4 to 8 fl. ozs. Du Pont Spreader Sticker per 1 qt. Du Pont Surfactant WK.

Oil Water Emulsion—With hydraulic equipment, use 50 lbs. "Ammate" X plus a premix (prepared in water-free container) of 3/4 pt. Du Pont Emulsifying Agent A in 4 gals. of No. 2 fuel oil. Fill spray tank 1/2 full of water, start agitator, add "Ammate" X, add pre-mix due to proper volume with water. For air blast equipment, use 100 to 200 lbs. "Ammate" X plus pre-mix of 1 qt. Du Pont Emulsifying Agent A in 4 gals. of No. 2 fuel oil; prepare spray mixture as above.

STUMP TREATMENT—On New Construction, Following Cutting Crews, Pastures: Treat stumps as soon after cutting as possible. Sprinkle crystals of "Ammate" X liberally on freshly cut surface, or spray stump thoroughly with solution of 7 to 10 lbs. "Ammate" X in 2 gals. water, be sure to wet outer growth ring. A water-soluble wood dye may be added to spray solution to mark treated stumps. Stumps under 2 inches are best treated by crystal method.

TREATMENT OF UNDESIRABLE HARDWOOD TREES—To kill hard wood species such as blackjack oak, sweetgum, poplar, pecan, maple, ash, red oak, post oak and hickory, treat at any time of year as follows:

Frill Method—At convenient chopping height, make a continuous cut completely around tree with downward axe strokes, cutting well into sapwood. Saturate frilled area with solution of 7 to 10 lbs. "Ammate" X in 2 gals. water. Water-soluble wood dye may be added to the solution to identify treated trees.

Notch or Cup Method—Make a notch or cup by two downward axe cuts one above the other, prying out chip. Notches should be at base of tree as near ground as possible and go near roots, if any show. Cut two notches on trees 3 to 6 inches in diameter, space notches 18 inches to 6 inches around circumference of larger trees. Apply 10 oz. "Ammate" X in each notch. On trees under 3 inches, cut close to ground and use stump treatment.

DIRECTIONS—WEED AND GRASS CONTROL

Tennis Courts—Drive ways—Fence Rows—Industrial Sites

Ammate" X, in water solution or as an oil water emulsion, is an effective control for spray control of **Woody Perennials** such as poison ivy, poison oak and poison sumac. **Perennials** such as leafy spurge, bitter dock, goldenrod, perennial ragweed, milkweed, and teasweed and **Annuals** such as crabgrass, broomweed, chickweed, tickleweed, poisonweed, and quackgrass, larkspur, prickly lettuce, ragweed, and shepherdspurse.

Use "Ammate" X at the rate of 100 lbs. per 100 gals., either as water solution or as oil water emulsion. Prepare respective spray mixture as directed under Brush Control. Use hydraulic equipment. Thoroughly wet foliage and stems of undesired vegetation. The height of application and duration of effect will vary with weed species, rainfall, temperature, and other conditions.

DIRECTIONS—POISON IVY CONTROL

SELECTIVE USE IN APPLE AND PEAR ORCHARDS

Use 50 lbs. "Ammate" X plus 4 fl. oz. Du Pont Spreader Sticker per 100 gals. water. Apply with a coarse spray to poison ivy under and between trees when ivy plants are in full leaf and foliage thoroughly. Spray volume depends upon density and size of poison ivy plants; on bare 1 gal. will cover an area of 200 to 250 sq. ft. For poison ivy growing on tree trunks, spray only if bark of tree is well developed and shows no green, avoid excessive wetting of bark as rot may result. Do not allow spray or drift to contact tree foliage or fruit as injury will result.

NOTICE TO BUYER—Seller warrants that this product conforms to the name and description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. This warranty does not extend to use of this product contrary to label use directions, or under abnormal use conditions, under conditions not reasonably foreseeable to seller, buyer assumes all risk of injury. Seller makes no other warranties, express or implied.

50 LBS. NET

AMMATE X

DU PONT

ACCEPTED
Nov. 5, 1968



AMMATE X

Small text describing product benefits and usage instructions.

ANY (INC.)
N. DELAWARE

20% OF ACTUAL SIZE