

Reg # 352-401

PM-25

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

J. H. (Jack) Cain
E. I. DU PONT DE NEMOURS AND CO., INC.
Barley Mill Plaza, Walker's Mill
Wilmington, DE 19880

SUBJECT: Label Amendment Submission of 05/19/93 in Compliance
with PR Notice 93-7
EPA Reg. No. 352-401
DUPONT OUST HERBICIDE

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below.

Based on your certification, the Agency has accepted only those changes to your labeling which are necessary to comply with PR Notices 93-7 and 93-11, which reflect the WPS labeling requirements of 40 CFR part 156, subpart K. Any other labeling changes submitted in connection with this amendment application and not directly related to compliance with PR Notice 93-7 or 93-11 have neither been reviewed nor accepted by the Agency. If you wish to make any such changes, you must submit a separate amendment application proposing them. If your product registration is currently suspended, acceptance of this labeling amendment does not affect the suspension in any way.

A copy of your proposed labeling stamped "Accepted with comments" is attached. Make any required changes described in the attached and send three copies of final labeling as soon as it is available to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (H-7504C)
U.S. Environmental Protection Agency
401 M Street SW
Washington, DC 20460-0001

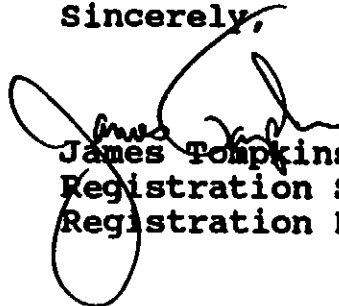
Hand or courier deliveries of final labels may be made to:

Document Processing Desk (FIN-LABEL)
Room 266A Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Please correct the typographical errors circled on the draft before printing final labeling.

In your final labeling the "Agricultural Use Requirements" text" must be contained in a clearly separate box. This box may be set apart by a line, by another graphical device, by a different color background, or in any other way that clearly distinguishes it from surrounding text.

Sincerely,



James Tompkins, Deputy Chief
Registration Support Branch
Registration Division (H7505W)

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REGISTRATION CODE 0992-001
PACKAGE SIZE
8 - 1 POUND JUGS/CARTON
8 - 3 POUND JUGS/CARTON



OUST® HERBICIDE

ACCEPTED
with COMMENTS
In EPA Letter Dated

SEP 21 1993

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

352-401

BY WEIGHT

DISPERSIBLE GRANULES

ACTIVE INGREDIENT:

Sulfometuron methyl

{Methyl 2-[[[(4,5-dimethyl-2-pyrimidinyl)amino]-carbonyl]amino]sulfonyl]benzoate} 75%

INERT INGREDIENTS 25%

TOTAL 100%

EPA Reg. No. 352-401

U.S. Pat. 4,394,506

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION! MAY IRRITATE EYES, NOSE, THROAT AND SKIN. Avoid breathing dust or spray mist. Avoid contact with skin, eyes and clothing.

PERSONAL PROTECTIVE EQUIPMENT

WPS USES: Applicators and other handlers who handle this pesticide for any use covered by the Worker Protection Standard[(40 CFR Part 170) - in general, only agricultural-plant uses are covered by the WPS] must wear:

- Long-sleeve shirt and long pants.
- Waterproof gloves.
- Shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

USERS SHOULD: Wash hands before eating, drinking, chewing gum, using tobacco or using toilet.

STATEMENT OF PRACTICAL TREATMENT

If in eyes, immediately flush with plenty of water and get medical attention.

If on skin, immediately flush with plenty of water and get medical attention if irritation persists.

For medical emergencies involving this product, call toll free 1-800-441-3637.

ENVIRONMENTAL HAZARDS

Do not apply to open water nor to swamps, bogs, marshes or potholes while water is present or to intertidal areas below the mean high water mark. Do not apply where runoff is likely to occur. Do not contaminate water when disposing of equipment washwaters.

IMPORTANT

DO NOT USE ON FOOD OR FEED CROPS AS INJURY WILL OCCUR. Injury to or loss of desirable trees or other plants may result from failure to observe the following: Do not apply "Oust" (except as recommended), or drain or flush equipment on or near desirable trees or other plants, or on areas where their roots may extend or in locations where the chemical may be washed or moved into contact with their roots.

Do not use on lawns, walks, driveways, tennis courts or similar areas. Keep from contact with fertilizers, insecticides, fungicides and seeds.

Do not treat powdery, dry soil or light, sandy soils when there is little likelihood of rainfall soon after treatment. In areas where sensitive crops are grown, do not apply "Oust" before soil has been settled by rain as off-target movement by wind or water may occur. Do not apply to impervious substrates such as paved or highly compacted surfaces nor to frozen ground as off-target movement will occur.

Do not apply to any body of water. Do not apply where runoff water may flow on to agricultural land, as injury to crops may result. Do not apply "Oust" during periods of intense rainfall nor to soils saturated with water as off-target movement may occur.

Do not apply in or on irrigation ditches or canals including their outer banks.

Do not apply this product through any type of irrigation system.

Do not use in arid areas where irrigated cropland is next to a potential treatment site nor where the herbicide can be moved or washed, or where treated soil can be blown into irrigated cropland as injury to crops is likely to occur.

Do not allow spray to drift, during application, on to cropland where crops are being grown or will be grown.

Do not apply to areas where crops may be planted and/or rotated.

Do not allow spray to drift onto adjacent crops or other desirable plants or trees as injury may occur. Following an "Oust" application, the spray tank used should not be used for other than noncrop applications. This is extremely important, as low rates of "Oust" can kill or severely injure most crops.

Do not use this product in the following counties of Colorado: Saguache, Rio Grande, Alamosa, Costilla and Conejos.

GENERAL INFORMATION

Du Pont "Oust" Herbicide is a dispersible granule to be mixed in water and applied as a spray for control of many annual and perennial grasses and broadleaf weeds on noncropland areas. It is noncorrosive, nonflammable, nonvolatile and does not freeze.

"Oust" may be used for general weed control on industrial noncrop sites and for selective weed control in certain types of unimproved turf grasses on noncropland.

"Oust" can also be used for selective weed control in forest site preparation and release of several types of pines and certain hardwoods.

Do not apply to open water (such as lakes, reservoirs, rivers, streams, creeks, salt water bays or estuaries) nor while water is present in fresh water wetlands (such as marshes, swamps, bogs or potholes) nor to salt water marshes within tidal areas nor to areas where the herbicide is likely to move into water nor to areas near desirable plants where roots of these plants may extend.

It is permissible to treat seasonally dry flood plains, deltas, marshes, swamps, bogs and transitional areas between upland and lowland sites.

"Oust" may be applied preemergence or postemergence to weeds; best results are obtained if application is made before or during early stages of weed growth. "Oust" should be used during seasons when rainfall occurs as moisture is required to move "Oust" into the root zone of weeds before they develop an established root system. Preemergence treatments control or suppress weeds through root uptake while postemergence works through root uptake and foliar uptake. Under limited rainfall conditions, "Oust" may not provide satisfactory control of hard-to-kill perennials.

"Oust" is absorbed by both roots and foliage of weeds, resulting in visual effects progressing from growth inhibition to reddish-purplish coloration, chlorosis, necrosis, vein discoloration and death of terminals. Initial effects are usually seen 2 to 3 weeks following application; however, the final effects are evident at about 4 to 6 weeks after application. Warm, moist conditions following treatment promote the activity of "Oust" while cold, dry conditions delay the activity of "Oust". Weeds hardened off by cold weather or drought stress may not be fully controlled.

Degree of control and duration of effect depend on rate used, weed spectrum, weed size, growing conditions at and following time of treatment, soil pH, precipitation, and soil organic matter.

Most crops, particularly irrigated crops, are sensitive to "Oust". To reduce off-target risk, it is essential that great care be taken to apply "Oust" only:

- where it will not physically drift during application.
- where it will not be washed from treated areas.
- where "Oust" treated soil will not be blown or otherwise be moved into cropland.

Following use of "Oust" on some naturally occurring biotypes*, certain weeds listed on this label may not be effectively controlled by this product.

To delay the occurrence of resistant biotypes*, use "Oust" in tank mixes and/or sequential treatments with other registered herbicides effective on the same broadleaf weed species. Do not let weed escapes go to seed; time postemergence treatments before seed formation. Respray problem areas in a timely and effective manner using a herbicide with a different mode of action**.

* Biotypes are naturally occurring individuals of species which have a slightly different genetic makeup. Resistant biotypes may look the same as susceptible biotypes. Herbicide resistant biotypes are able to survive a use rate several times higher than needed to control susceptible biotypes.

** Mode of action is the chemical interaction that interrupts a biological process necessary for plant growth and development.

Consult your chemical supplier, applicator, consultant, appropriate state agricultural extension service representative or your local Du Pont representatives for specific recommendations.

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DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

For any requirements specific to your State or Tribe, consult the agency in your State responsible for pesticide regulation.

"Oust" Herbicide should be used only in accordance with recommendations on this label or in separate published Du Pont recommendations available through local suppliers.

Du Pont will not be responsible for losses or damages resulting from the use of this product in any manner not specifically recommended by Du Pont. User assumes all risks associated with such nonrecommended use.

Du Pont "Oust" Herbicide is recommended for preemergence and postemergence control of many annual and perennial grasses and broadleaf weeds. "Oust" must be applied by ground equipment as a selective or nonselective spray treatment of noncropland areas consistent with restrictions under "Important". Treatment of powdery dry soil, and impervious substrates should be avoided; treated soils should be left undisturbed to reduce the potential for "Oust" movement by soil erosion due to wind or water. Injury to crops may occur if treated soil is washed, blown, or moved onto land used to produce crops.

Use a drift control agent when spraying near cropland, open water or desirable vegetation.

"Oust" is recommended for conifer site preparation and release. Treatment may be applied by ground equipment or helicopter to these forest sites.

"Oust" is recommended for selective use in plantings of certain hardwoods; application must be by ground equipment.

"Oust" may be applied preemergence or postemergence to weeds, but for best results, apply postemergence to young, actively growing weeds under favorable moisture conditions at any time of the year, except when ground is frozen.

Rate selection is based on weed species, weed size and soil texture. Use the higher rates on established plants and on fine textured soils and lower rates on smaller weeds and coarse textured soils.

For tank mixes, use the most restrictive limitations from labeling of both products.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls.
- Waterproof gloves.
- Shoes plus socks.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Selective non-crop industrial weed control and weed control in turf (industrial, unimproved only) are not within the scope of the Worker Protection Standard.

NON-CROP (INDUSTRIAL) WEED CONTROL

"Oust" is recommended for use for general weed control on non-crop, industrial sites such as airports, military installations, fence rows, roadsides and associated rights-of-way, lumberyards, petroleum tank farms, pipeline and utility rights-of-way, pumping installations, railroads, storage areas, plant sites and other similar areas including governmental and private lands.

In the states of Montana, North Dakota and South Dakota, "Oust" is for use only on railroad rights-of-way.

When applied at lower dosage rates (as listed below), "Oust" provides short term control of weeds listed; usage at higher rates increases length and degree of weed control. Combinations with other herbicides increases the kinds of weeds controlled and bare ground objectives can be achieved with higher rates of "Oust" plus residual-type companion herbicides.

Arid Areas

Preemergence To Early Postemergence Treatments

Apply 1 1/3 to 2 ounces* "Oust" per acre during the rainy season for control of:

Broadleaves

Annual sowthistle	Curly dock
Black mustard	Prickly coontail
Buckhorn plantain	Seaside heliotrope
Burclover	Spreading orach
Chickweed	Sunflower
Common mallow	Western ragweed
Common speedwell	Whitestem filaree
Common yarrow	

Grasses

Annual bluegrass	Red brome
Barnyardgrass	Reed Canarygrass
Cheat	Ripgut brome
Foxtail barley	Seashore saltgrass
Foxtail fescue	Signalgrass
Italian ryegrass	Yellow foxtail
Jointed goatgrass	

Apply 2 to 3 ounces* "Oust" per acre during the rainy season for control of smooth brome.

Apply 3 to 8 ounces* "Oust" per acre for other weeds as listed in "Areas Of 20" Or More Annual Rainfall"; these rates also provide control of severe infestations and longer term control of weeds listed.

* Add surfactant at 0.25% by volume to improve control of emerged weeds.

Areas Of 20" Or More Annual Rainfall

Preemergence To Early Postemergence Treatments

Apply 3 to 5 ounces* "Oust" per acre for control of:

Broadleaves

Bouncingbet	Pigweed
Burclover	Purple starthistle
Carolina geranium	Ragweed
Common chickweed	Sowthistle (annual)
Common dandelion	Sunflower
Common speedwell	Sweet clover
Common yarrow	Tansymustard
Crimson clover	Tansy ragwort
Dogfennel	Tumble mustard
Hoary cress (whiteweed)	Vetch
Little mallow	Wild carrot
Mustard	Wild oats
Ox-eye daisy	Yellow rocket
Pepperweed	

Grasses (Up to 6 to 12" in Height)

Alta fescue	Kentucky bluegrass
Annual bluegrass	Little barley
Annual ryegrass	Red brome
Bahiagrass	Red fescue
Barnyardgrass	Reed canarygrass
Downy brome	Ripgut brome
Fescue	Ryegrass
Foxtails (except green)	Smooth brome
Foxtail barley	Sprangletop (annual)
Indiangrass	Wheat (volunteer)
Italian ryegrass	

Apply 6 to 8 ounces* "Oust" per acre for control of:

Broadleaves

Bedstraw	Horsetail (Equisetum)
Canada thistle	Kudzu
Curly dock	Musk thistle
Redstem filaree	Turkey mullein
Goldenrod	Wild blackberry

Grasses

Johnsongrass
(For short-term control of johnsongrass of up to 3 months, apply early postemergence to the johnsongrass. Re-treat when regrowth occurs or if further control of the actively growing johnsongrass is desired.)

* Add surfactant at 0.25% by volume to improve control of emerged weeds.

NOTE: Use the higher level of recommended dosage ranges under the following conditions: Heavy weed growth; Soils containing more than 2 1/2% organic matter; High soil moisture areas such as along road edges or railroad shoulders.

Tank Mixtures With Other Herbicides: For improved preemergence to early postemergence control, add 2 to 8 ounces of "Oust" per acre to the recommended rates of the following herbicides: Du Pont Hyvar[†] X, Karmex[†] DF, Krovar[†] I DF, Velpar[†]L, Velpar[†], Escort[†] (do not use in California) or Telar[†], glyphosate, dicamba or 2,4-D. For bare-ground weed control, use combinations of "Hyvar" X, "Karmex" DF, or "Krovar" or "Velpar" formulations.

Apply "Oust" plus a companion herbicide at the rates and timing as shown on package labels for weeds involved. For application method and other use specifications, use the most restrictive directions for the intended combination.

Do not tank mix "Oust" with Du Pont "Hyvar" XL Herbicide.

Special Weed Problems

Kochia, Russian Thistle and Prickly Lettuce:

Since these weeds have biotypes resistant to "Oust", tank mixture combinations must be used involving herbicides with different modes of action such as "Karmex" DF, "Hyvar" X or "Krovar" I DF. Where resistance is known, these weeds should not be allowed to form mature seed but should be treated postemergence with herbicides registered for control of these weeds such as 2,4-D or dicamba.

TURF (INDUSTRIAL, UNIMPROVED ONLY)

"Oust" may be used on roadsides, or other noncropland areas where bermudagrass, bahiagrass, crested wheatgrass and smooth brome are well established and are desired as ground covers.

Bermudagrass Release

For control of many annual and perennial broadleaf weeds and grasses use the following rates (without surfactant) and application timings :

Late Spring and Early Summer: Apply 1 to 2 oz of "Oust" per acre for control of Carolina geranium, fescue, foxtail, goldenrod, spotted spurge, and wild carrot after bermudagrass is well established (about 30 days after initial spring flush). If regrowth of weeds occurs and additional control is desired, repeat treatment at 1 to 2 oz during late spring and summer. If weeds become established, best results occur when applications are made 1 to 2 weeks following mowing.

Alternatively, in the South, 1 to 2 ounces "Oust" per acre may be tank mixed with 3 to 4 lbs of MSMA per acre and applied to well established bermudagrass during the summer; the combination includes control of additional weeds listed on the MSMA package label. Two or more additional applications of MSMA (without "Oust") at 14-day intervals may be necessary to maintain weed control.

For short-term control of johnsongrass in the U.S., apply 2 to 3 oz "Oust" per acre after bermudagrass is well established (about 30 days after initial spring flush). Re-treat with 2 to 3 oz if additional control is desired or if regrowth occurs.

Late Fall and Early Winter: Apply 1 to 4 oz of "Oust" per acre for control of winter annuals such as Carolina geranium, common chickweed, fescue, little barley and wild blackberry. Use the lower rate on small seedling weeds and higher rates on larger weeds; refer also to listing of weeds controlled at 3 oz "Oust" per acre.

Bahiagrass Release and Seedhead Suppression

Apply 1 oz of "Oust" per acre (without surfactant) for control of fescue, goldenrod, spotted spurge and wild carrot. Rates as low as 1/2 oz per acre reduce bahiagrass growth and suppress seedheads ("chemical mowing") when applied from green-up to seedhead (boot) emergence.

Smooth Brome and Crested Wheatgrass Release and Suppression

For control of downy brome, foxtail and goldenrod. In well established stands, apply 1 oz of "Oust" per acre (without surfactant) in the spring at an early stage of plant growth. Application will also result in seedhead reduction as well as growth suppression and reduced vigor ("chemical mowing") of smooth brome and crested wheatgrass.

NOTE: Temporary discoloration or top kill of turf grasses may result following an application of "Oust". Annual retreatments may suppress the growth of turf particularly at higher recommended use rates. Browning and degree of stand reduction may increase in areas with warm climates. Do not apply "Oust" to industrial turf that is under stress from

drought, insects, disease, cold temperatures or late spring frost, as injury may result. Do not apply "Oust" to grasses within 1 year of planting as stand reduction may occur.

FORESTRY

Use extreme care when applying in areas adjacent to any body of water. Keep out of lakes, streams, ponds, reservoirs or any body of water. Do not apply where conifers are suffering from loss of vigor caused by insects, diseases, drought, winter damage or other stresses, as injury may result. "Oust" is not recommended for use on poorly drained or marshy sites, but it may be used where plantings are on raised beds.

Do not apply to conifers by air within 200 feet of any homestead, agricultural land or other desirable plantings. Extreme care must be taken to prevent drift or runoff to homesteads, desirable plantings, agricultural land or any body of water. Do not apply when weather conditions favor drift from treated areas. (see "Application Techniques").

Do not apply to frozen ground.

Use lower rates on coarse textured soils (i.e., loamy sands, sandy loams) and higher rates on fine textured soils (i.e. sandy clay loams and silty clay loams).

For best results, apply before emergence or shortly after emergence of herbaceous weeds such as crabgrass, dog fennel, fescue, fireweed (willowweed), goldenrod, horseweed, Kentucky bluegrass, nutsedge (yellow), panicums (broadleaf, fall, narrow), pokeweed, ragweed, white snakeroot and yellow sweetclover. See also weeds controlled under "Non-Crop (Industrial) Weed Control".

For improved control of emerged weeds (site preparation only) add surfactant at 0.25% by volume; do not use surfactant for release (trees present).

Apply during seasons when rainfall will activate the herbicide(s) in the soil.

"Oust" applications may result in damage to ponderosa pine.

Conifer Site Preparation

Apply by ground equipment or by air (helicopter only) prior to transplanting:

2 to 8 ozs "Oust" per acre for jack pine, loblolly pine, longleaf pine*, slash pine and Virginia pine. 2 to 4 ozs "Oust" per acre for red pine. 2 1/2 to 4 ozs "Oust" per acre plus Accord' or Roundup' (as registered) for larch** and tamarack**.

* Do not transplant longleaf pine within 60 days of treatment.

**Transplant next spring or early summer but not less than 8 months after application.

Tank Mix Combinations

"Oust" + atrazine: For control of many annual broadleaf and grass weeds (particularly on cropland conversion) prior to transplanting, after transplanting or in established loblolly (only) pine plantations, apply 2 to 4 ozs "Oust" plus 2 to 4 lbs. active ingredient atrazine per acre. Use the higher rates on medium to fine soils where organic matter exceeds 2%. Use the lower rates on lighter soils but do not use on gravelly or rocky soils, exposed subsoils, or heavy clay soils.

Apply with ground application equipment only at a minimum spray volume of 20 gals per acre either preemergence or early postemergence to seedling weeds.

"Oust" + "Velpar" L: For site preparation of loblolly, slash and longleaf pines to control many broadleaf and grass weeds, apply 2 to 4 ozs "Oust" plus 2 to 3 pints "Velpar" L per acre by ground or air (helicopter only).

Conifer Release

Apply by ground equipment or by air (helicopter only) to control herbaceous weeds. Do not use a surfactant in any of the following spray mixtures:

- 2 to 8 ozs "Oust" per acre in stands of loblolly pine, slash pine, longleaf pine, jack pine and Virginia pine.
- 2 to 2 2/3 ozs "Oust" per acre for dormant douglas fir.
- 2 to 4 ozs "Oust" per acre for red pine.
- 1 1/2 to 3 ozs "Oust" per acre for dormant white spruce.
- 1 to 1 1/2 ozs "Oust" per acre for dormant white pine.

For broader spectrum control of weeds, apply 4 ozs "Oust" plus 2 to 3 pints of "Velpar" L per acre (without surfactant) to stands of loblolly, slash or longleaf pines.

Do not apply when pines are suffering from insects, diseases, drought, winter damage, animal damage, planting shock or other stresses, as injury may result.

Selective Use In Hardwoods

"Oust" is recommended for control of herbaceous weeds such as ragweed, chickweed, marehail, fireweed, pigweed, pokeweed, shepherd's-purse, fescue, bluegrass and crabgrass.

Application Prior To Transplanting

On sites where northern red oak, white oak, chestnut oak, white ash, green ash, yellow poplar, hybrid poplar, red maple and American sycamore will be planted, apply 3 to 5 ounces "Oust" in a minimum of 15 gallons water per acre. Apply by ground sprayer in the spring shortly before or after weeds germinate.

Application After Transplanting

For use in plantings of northern red oak, white oak, chestnut oak, green ash, yellow poplar, hybrid poplar, red maple, bald cypress, and American sycamore, apply 1 - 2 ounces "Oust"(without surfactant) in a minimum of 35 gallons water per acre. Apply by ground sprayer in the spring shortly before or after weeds germinate and while hardwood seedlings, transplants or cuttings are dormant.

Extreme care must be taken to prevent drift or runoff to homesteads, desirable plantings, agricultural crops or any body of water. Do not apply when weather conditions favor drift from treated areas.

Use extreme care when applying in areas adjacent to any body of water. Keep out of lakes, streams, ponds, reservoirs or any body of water.

Do not apply where hardwoods are suffering from loss of vigor caused by insects, diseases, drought, winter damage or other stresses, as injury may result.

"Oust" is not recommended for use on poorly drained or marshy sites but it may be used where hardwoods have been planted on raised beds.

Use the lower rates on coarse textured soils (i.e., loamy sands, sandy loams) and higher rates on the fine textured soils (i.e., sandy clay loams and silty clay loams). Do not use on gravelly or rocky soils, exposed subsoils, or heavy clay soils.

Injury to hardwoods may result where seedling roots are exposed or insufficiently packed in the soil.

Injury to hardwoods may occur if treatment is made at bud break, during or after foliation.

SPRAY PREPARATION

Fill the spray tank half full of water and with agitator running, add the proper amount of "Oust". Finish adding the required amount of water. Continuous agitation is required to keep the product in suspension. Use mechanical or bypass agitation to thoroughly mix the spray solution. After initial mixing, do not use excessive agitation when using a surfactant as foaming problems may result. To avoid foaming problems, use antifoam agents.

"Oust" spray preparations may degrade in acid solutions if not used in 48 hours; they are stable in alkaline solutions. Thoroughly reagitate before using.

"Oust" may be tank mixed with most herbicides except "Hyvar" XL. To insure compatibility test the desired mixture prior to use.

For nonselective postemergence applications, a nonionic surfactant of at least 80% active ingredient or oil adjuvant may be added to improve wetting and/or contact activity on weeds. To minimize drift, a drift control agent may be added at the recommended label rate. A drift control agent must be used when spraying in areas near cropland or desirable vegetation. Follow closely the mixing instructions for a drift control agent. When using cold water, be sure the additive is thoroughly dispersed.

APPLICATION TECHNIQUES

Industrial Noncrop Weed Control and Selective Use In Hardwoods

Apply with ground equipment only using extreme care to prevent spray drift. Use coarse spray nozzles, adequate spray volume and avoid excessive spray pressure, sprayer speed and application under windy conditions to avoid spray drift. Select a spray volume that will assure thorough coverage and uniform spray pattern. Do not use less than 15 gallons of water per acre. Spray volumes of 20 to 40 gallons per acre are preferred. Spray pressures of 25 to 35 psi are adequate. Before spraying "Oust", calibrate the spray equipment to determine the quantity of water necessary to uniformly cover the vegetation and soil in a measured area to be treated. The sprayer should be operated at the proper speed and rate of delivery (as calibrated) during application of "Oust" alone or in tank mixtures. Avoid overlapping and shut off spray booms while starting, turning, slowing or stopping when spraying industrial turf as injury to the desired species may result. Do not apply "Oust" by aircraft.

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Conifer Site Preparation and Release

"Oust" may be applied by ground equipment (as previously described) or by air (helicopter only) to recommended forest sites. Calibrate the helicopter spray system to insure uniform distribution of liquid over the area to be treated; use 5 to 15 gallons of water per acre. To reduce drift when applying by air, use precise application equipment (jet nozzles directed backwards [D4 or larger] or a Microfoil¹ boom or equivalent). When compatible with equipment, addition of a spray thickening agent is recommended to further minimize drift.

STORAGE AND DISPOSAL

STORAGE: Store product in original container only, away from other pesticides, fertilizer, food or feed.

PRODUCT DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent) the container. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

NOTICE TO BUYER: Purchase of this material does not confer any rights under patents of countries outside of the United States.

NOTICE OF WARRANTY

Du Pont warrants that this product conforms to the chemical 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. It is impossible to eliminate all risks inherently associated with use of this product. Injury to adjacent crops, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Du Pont. In no case shall Du Pont be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. **DU PONT MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

1 Trademark of Monsanto Agricultural Company

2 Trademark of Union Carbide Agricultural Products Company

AG-7615 9092/9112 9/17/92