

SUPPLEMENTAL LABEL

VERTAC WEED RHAP A-4D HERBICIDE  
EPA Reg. No. 39511-64

All Applicable Restrictions, and Precautions  
on the EPA Registered Label are to be followed.

DIRECTIONS FOR USE

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

WATER HYACINTH CONTROL

To be applied by Federal, State or Local public agency personnel, trained in aquatic weed control, or by licensed commercial applicators under contract to the above agencies. For use in ponds, lakes, reservoirs, marshes, bayous, drainage ditches, canals, rivers and streams that are quiescent or slow moving.

NOTICE TO APPLICATORS

State and Local Coordination--Before application under any project program, coordination and approval of Local and State authorities may be required, either by letter of agreement or issuance of special permits for such use.

FISH TOXICITY--Oxygen Ratio

Fish breathe oxygen in the water and a water-oxygen ratio must be maintained. Decaying weeds use up oxygen. To avoid fish kill from decaying plant material do not treat more than one half the lake or pond at one time. For large bodies of weed infested waters leave buffer strips of at least 100 feet wide and delay treatment of these strips for 4-5 weeks or until the dead vegetation has decomposed.

WIND VELOCITY

Ground or Surface Application--Do not apply when wind speeds are at or above 10 mph. Air Application--Do not apply when wind speeds are at or above 5 mph.

Irrigation--Delay the use of treated waters for irrigation for three weeks after treatment unless an approved assay shows that the water does not contain more than .1 ppm 2,4-D acid. Do not treat irrigation ditches in areas where water will be used to overhead (sprinkler) irrigate susceptible crops especially grapes, tomatoes and cotton.

Potable Water--Delay the use of treated water for domestic purposes for a period of 3 weeks or until such time as an approved assay shows that the water contains no more than .1 ppm 2,4-D acid.

DIRECTIONS FOR USE

A-4D broadleaf herbicide will control water hyacinth with surface and air applications.

WATER HYACINTH (Elchornia crassipae)

Amounts to Use--2 to 4 qts. per acre. Spray the weed mass only. Use 4 qts. when plants are matured or when the weed mass is dense.

When to Apply--Spray when water hyacinth plants are actively growing. Repeat as necessary to kill regrowth and hyacinth plants missed in the previous operation.

How to Use--Surface Application--Use power sprayers operated with a boom or spray gun mounted on a boat, tractor or truck. Thorough wetting of foliage is essential for maximum control. Use 100 to 400 gal./A of spray mixture. Special precaution such as the use of low pressure, large nozzles and thickening agents should be taken to avoid spray drift in areas of sensitive crops.

Air Application--Use drift control spray equipment or thickening agents mixed into the spray solution. Apply 4 qts. per acre of A-4D through standard boom systems with a minimum of 5 gallons of spray mix per acre. For Microfoil drift control spray systems apply A-4D in 12 to 15 gallons spray mix per acre.

VERTAC CHEMICAL CORPORATION  
5100 Poplar Avenue - 24th Floor  
Memphis, Tennessee 38137

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MILFOIL PROGRAM

Eurasian Milfoil programs conducted by the Tennessee Valley  
Authority in dams and reservoirs of the TVA system.

FISH TOXICITY--Oxygen Ratio

Fish breathe oxygen in the water and a water-oxygen ratio must be maintained. Decaying weeds use up oxygen. To avoid fish kill from decaying plant material do not treat more than one half the lake or pond at one time. For large bodies of weed infested waters leave buffer strips of at least 100 feet wide and delay treatment of these strips for 4-5 weeks or until the dead vegetation has decomposed.

WIND VELOCITY

Ground or Surface Application--Do not apply when wind speeds are at or above 10 mph. Air Application--Do not apply when wind speeds are at or above 5 mph. The restrictions do not apply to subsurface applications used in weed control programs.

DIRECTIONS FOR USE

A-4D broadleaf herbicide will control water milfoil with surface, subsurface and air applications.

WATER MILFOIL (Myriophyllum Spicatum)

How to Use--To control water milfoil when less than 5 gallons of concentrate per acre is recommended, dilute the concentrate with water to spray a minimum of 5 gallons of spray mix per acre. Do not treat within 1/2 mile of potable water intakes. Shoreline areas should be treated by subsurface injection applied by boat to avoid aerial drift. Do not apply when weather conditions favor drift from target area. Do not contaminate water by cleaning of equipment or disposal of wastes.

Open Water Areas--To reduce contamination and prevent undue exposure to fish and other aquatic organisms, do not treat water areas that are not infested with aquatic weeds.

Amounts to Use--Apply 2.5 to 10 gallons of A-4D concentrate per acre. The higher rate is used in areas of greater water exchange. These areas may require a repeat application.

When to Apply--For best results, apply in spring or early summer when milfoil starts to grow. This timing can be checked by sampling the lake bottom in areas heavily infested with weeds the year before.

Subsurface Applications--Apply 2.5 to 10 gallons of A-4D per acre as a concentrate directly into the water through boat-mounted distribution systems.

Surface Application--Apply 2.5 to 10 gallons of A-4D broadleaf herbicide per acre in a minimum spray volume of 5 gallons of mix per acre.

Air Application--Use drift control spray equipment or thickening agents mixed into the spray solution. Apply 2.5 to 10 gallons per acre of A-4D through standard boom systems with a minimum of 5 gallons of spray mix per acre. For Microfoil drift control spray systems, apply A-4D broadleaf herbicide in 12 to 15 gallons spray mix per acre.

VERTAC CHEMICAL CORPORATION  
5100 Poplar Avenue - 24th Floor  
Memphis, Tennessee 38137

W. R. Fisher  
Vortac Chemical Corp.  
5100 Poplar Avenue  
Memphis, TN 38137

Dear Mr. Fisher:

Subject: Various Amendments  
VERCIS 7041-Ratio A-4D  
EPA Registration No. 39511-01  
Resubmission: January 13, 1981

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A), is acceptable, provided that you:

1. Submit and/or cite all data required for registration/re-registration of your product under FIFRA sec. 3(c)(7) with the data required of all registrants of similar products to submit such data.

2. Make the labeling changes listed below when you release the product for shipment bearing the revised labeling:

1. Modify the Environmental Hazard Statement - keep it... to read - Do not apply to only to water control as specified on label for aquatic weed control.
2. Under "Directions, Use" - do not apply within 500 yds of livestock. up to 4 applications per season may be used in accordance with state recommendations. Reiterate the instruction to use during lay-down. Do not use residue left available to livestock use after lay-down. Reprint the condition on this point.

3. Submit five (5) copies of your final product labeling before you release the product for shipment.

If these conditions are not satisfied, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). For release for shipment of the product with the revised labeling constitutes acceptance of these conditions.

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

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A stamped copy of the label is enclosed for your records.

Sincerely yours,

Richard F. Mountfort *RFM*  
Product Manager (23)  
Fungicide-Herbicide Branch  
Registration Division (TS-767)

Enclosure

TS-767:RFMountfort:DCk-25203:WANG-2240C:mld:Raven:479-2013:1/25/83