

FEB 4 1992

Mr. Toby R. Gouker
W.R. Grace & Co.- Conn.
7379 Route 32
Columbia, Maryland 21044

Dear Mr. Gouker:

Subject: WRC-AP-1
EPA Registration No. 11688-3
Your Submission of December 31, 1991

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/reregistration of your product under FIFRA sec. 3(c)(5) and sec. 4 when the Agency requires all registrants of similar products to submit such data.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

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

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

Sincerely yours,



Susan T. Lewis
Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (H-7505C)

H7505C:C.Grable:cq:1/29/92

SIDE PANEL

PRECAUTIONARY STATEMENTS:

Hazards to Humans and Domestic Animals

CAUTION

Avoid contact with skin, eyes, or clothing. Wear goggles and rubber gloves when handling and mixing. In case of contact, flush eyes or skin with plenty of water. Get medical attention if irritation persists. Wash clothing before reuse.

ENVIRONMENTAL HAZARDS

Do not apply directly to bodies of water. Do not contaminate water when disposing of equipment washwaters.

STORAGE AND DISPOSAL

Store in a cool, dry place away from direct sunlight. Do not contaminate water, food, or feed by storage or disposal. Unused or outdated product may be disposed of on-site or at an approved waste disposal facility in accordance with applicable Federal, state, and local regulations.

Empty containers should be discarded in a sanitary landfill, by incineration, or if allowed by local law, by burning. If burned, stay away from the smoke.

SIDE PANEL

DIRECTIONS FOR USE

GENERAL:

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

Gliocladium virens, the active component in WRC-AP-1, is a naturally occurring, non-phytotoxic soil fungus which is antagonistic to plant pathogenic fungi such as *Pythium* and *Rhizoctonia*, thereby, aiding in control of these damping-off and root rot pathogens. WRC-AP-1 is a granular formulation containing a high concentration of *Gliocladium* spores suitable for incorporation into soil or soilless media under non-terrestrial growing conditions. WRC-AP-1 acts as a preventative and will protect noninfected plants. It may not, however, cure already diseased plants. Where possible, allow the treated soil or media to incubate for 1 day prior to planting to achieve best results. Do not use other soil fungicides with WRC-AP-1 at time of incorporation. Later, addition of fungicide is acceptable but usually unnecessary. Best results are achieved if the contents of an open package are used within three months. Be careful to seal out moisture from the unused material by closing the inner bag tightly.

FOR INCORPORATION IN GROWING MEDIA:

Commercial Use

Directions for 2.5 lb. package

WRC-AP-1 should be thoroughly incorporated into soil or soilless growing media at the rate of 1 to 1.5 lbs per cubic yard. One packet (2.5 lbs) at the 1.0 to 1.5 lb rate will treat 2.2-1.5 cubic yards. It is recommended to add WRC-AP-1 when soilless media are

being blended by mechanical devices, mixed into the media during pot filling, or raked into soil beds by hand or tiller. It is important that WRC-AP-1 be uniformly incorporated into the growing media to provide the best performance possible. After incorporation and one day incubation plant, seeds, tissue culture transplants, bulbs, rooted cuttings, or potted plants into the treated media.

Directions for 25 lb. package

WRC-AP-1 should be thoroughly incorporated into soil or soilless growing media at the rate of 1 to 1.5 lbs per cubic yard. One bucket (25 lbs) at the 1.0 to 1.5 lb rate will treat up to 25 cubic yards of media. It is recommended to add WRC-AP-1 when soilless media are being blended by mechanical devices, mixed into the media during pot filling, or raked into soil beds by hand or tiller. It is important that WRC-AP-1 be uniformly incorporated into the growing media to provide the best performance possible. After incorporation and one day incubation plant, seeds, tissue culture transplants, bulbs, rooted cuttings, or potted plants into the media.

Home Use

Directions for 0.07 oz. Package

WRC-AP-1 should be thoroughly blended with growing media at the rate of 1 to 1.5 lbs per cubic yard of media. One 0.07 oz. packet (2 grams) will treat one 8 inch pot. To apply WRC-AP-1, fill a clean 8 inch pot 3/4 full with potting soil and spread contents of WRC-AP-1 packet onto soil and mix thoroughly with a small spade. It is important that WRC-AP-1 be uniformly mixed into the media to provide the best performance possible. Seeds, bulbs, transplants or plants for repotting can then be placed into the pot. Moisten the media with water and keep moist (but not wet) for the next three days. The protective fungus will spread throughout the root system of the plant protecting it from disease organisms.

Directions for 0.54 oz. Package

WRC-AP-1 should be thoroughly blended with growing media at the rate of 1 to 1.5 lbs per cubic yard of media. One 0.54 oz. packet (15 grams) will treat a 1/2 cubic foot bag of media, enough to fill 9 six inch pots. To apply WRC-AP-1, empty 20 lb bag of potting soil into an empty 5 gallon bucket. Spread contents of one packet of WRC-AP-1 onto soil in bucket and mix thoroughly with a spade or shovel. Alternatively, a corner can be cut from the potting soil bag and WRC-AP-1 can be incorporated by shaking, stirring, or kneading the bag. It is important that WRC-AP-1 be uniformly mixed into the media to provide the best performance possible. Soil can then be placed into pots followed by seeds, bulbs, transplants or plants for repotting. Moisten the media with water and keep moist (but not wet) for the next three days. The protective fungus will spread throughout the root system of the plant protecting it from disease organisms.