

SELECTIVE HERBICIDE For control of wild oats in winter wheat, spring wheat, barley, green peas, field

READ "WARNING NOTICE" BEFORE BUYING OR USING. IF NOTICE TERMS ARE NOT ACCEPTABLE, RETURN AT ONCE UNOPENED.

CAUTION! MAY CAUSE SKIN AND EYE IRRITATION. MAY BE HARMFUL IF SWALLOWED.

Do not take internally.

To avoid contact with skin or eyes, wear rubber gloves and goggles when handling

In case of contact, immediately wash skin with soap and plenty of water; for eyes, flush with plenty of water for at least 15 minutes and get medical attention. Remove contaminated clothing. Wash clothing before reuse. In case of fire, use water spray, foam, dry chemical or CO2.

STORE ABOVE 32 F. TO KEEP FROM FREEZING. Freezing will result in crystals which settle to the bottom of the can. If allowed to freeze, place in a warm room (72°F.) and roll and shake the can



524-124

5/8/72

dried peas and lentils. Use only according to label instructions.

Keep out of reach of children.

Do not get in eyes or on skin.

Do not store near feed and foodstuffs.

ACTIVE INGREDIENT:

°S-(2,3,3-Trichloroallyl) diisopropylthiocarbamate **INERT INGREDIENTS:**

46.3% 53.7% 100.0%

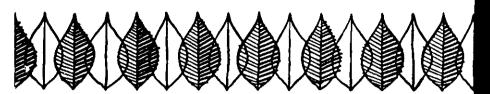
*Contains 4 lbs. S-(2,3,3-Trichloroallyl) diisopropylthiocarbamate per gallon.

NET CONTENTS: 5 U.S. GALLONS

frequently for several days to redissolve.







GENERAL INFORMATION

Keep Avadex BW container closed to prevent spills, evaporation and contamination. Avadex RW is recommended for use in spring wheat, durum wheat, barley and field dried peas only. Other crops should and be treated with Avadex BW because input may

Spraying equipment must be properly calibratedapplication of too much Avadex 8W may incure the crop-application of too little Avadex BW may result in poor wild oat control.

Avadex BW should be sprayed on the soil before wild oats germinate. If wild oats have emerged, tillage prior to spraying must be relied upon for their control.

Before applying Avadex BW be sure the soil is in good working condition. This applies particularly to clay soils. Avoid application to a field left in a ridged condition. Application to a field which is wet. lumpy, rough or ridged will result in reduced wild oat control and increased crop thinning.

The incorporation of the chemical into the soil must be completed as soon as possible on the day of spraying. The incorporation should not be deeper than 2 inches, because deeper incorporation lends to dilute the chemical, decreasing wild gat control and increasing the risk of crop thinning.

When summerfallow or plowed ground is being treat ed, only a single disking (incorporation) is required If stubble ground with a heavy trash cover is being treated, or if the soil is wet or lumpy, (making proper mixing difficult) a second disking either before or after spraying is recommended. If the soil is loose and free of trash, incorporation with 2 harrowings at right angles is adequate.

Do not graze livestock on treated crops.

Recommended rates should be followed exactly in

When using Avades BW, a strip should be left un-

freated for proof of results. Weed control may be evaluated also by removing a surface inch or two of soil at the time of germination to inspect the number

of wild oats that were killed before emergence.

Wild oats are usually killed before emergence, but

occasionally, and particularly under dry conditions

plants may reach the 3 or 4 leaf stage before

Under conditions of prolonged high temperature at

the time of wild not germination, or drought in spring, Avadex BW may not provide the usual high :

Seeding may be done either before or after spraying

and incorporation, depending upon the crop that

is to be sown. If seeding is delayed, shallow rework-

ing of the treated area before seeding will not de-

standard of wild oat control.

stroy the effects of the chemical.

2. Control wild pats

order to

1. Avord crop injury



SPECIFIC CROP USE

Before using, be sure to read and understand the "Caulion", "General Information" and "How to Mix and Apoly" sections of this label

Avadex BW is not recommended for use in Arizona.

BARLEY

Avadex BW is recommended after seeding as follows

After Seeding Method

- 1. Seed to a depth of 2 to 3 inches
- 2. Apply 114 quarts per acre HFFORF crop emergence, and before kernel sprouts exceed it inch in length. (See "How to Mix and Apply" section.)
- Incorporate with 2 harrowings at right angles as soon as possible on the day of spraying. This method of incorporation is not effective if compacts oil prevents penetration of harrow teeth, or it trash accumulates in the harrow sections.
- Before Seeding Method—While application after seeding barley is recommended, Avadex BW can also be used before seeding. Heavy stubble should be thoroughly tilled either before or after application as follows:
- Apply 1¼ quarts Avadex BW per acre. (See "Howto Mix and Apply" section.)
- 2. Incorporate with a disk-type implement or cultivator to a depth of 2 inches or less, followed by a harrow as soon as possible on the day of spraying. Two harrowings at right angles after spraying is adequate incorporation of the soil is loose and free of trash.
- Seed barley BFLOW the chemical layer in the soil to a depth of 3 inches, any time from immediately after, up to 3 weeks after spraying.

NOTE—Crop thinning has been known to occur. This is usually avoided by applications AFTER seeding and minimized in applications before seeding when the seed is piaced 19 to 1 inch below the Avadex BW treated soil layer. Thinning is usually more than off-set by tillering and increased yields.

SPRING AND DURUM WHEAT

Properly incorporated, 1 quart of Avadex BW per acre should provide reasonable wild nat control.

AVADEX BW IS RECOMMENDED AFTER SEEDING ONLY AS FOLLOWS:

 On summerfallow or plowed ground, seed to a depth of 2 to 3 inches. If drilling leaves ridges in loose soil, the field should be harrowed prior to spraying.

SPECIFIC CROP USE (continued)

- Spray Avadex BW at 1 quart per acre BEFORE crop emergence and before kernel sprouts exceed ½ inch in length. (See "How to Mix and Apply" section.)
- 3. Incorporate with 2 harrowings at right angles as soon as possible on the day of spraying. Two harrowings is adequate incorporation if the soil is loose and free of trash.

NOTE— decartonally some crop flumning may occur, particularly—when there is abundant rainfall after spraying and before crop emergence. Thinning is usually avoided when the seed is placed % to 1 inch below the treated Avadex BW soil layer. Thinning is usually more than offset by tillering and increased wields.

REEN PEAS, FIELD RIED PEAS AND LENTILS

Avadex BW is recommended either before or after *

Before Seeding Method

- Apply 1% quarts Avadex BW per acre (See "How to Mix and Apply" section.)
- Incorporate with a disk-type implement or cultivator to a depth of 2 inches or less, followed by a harrow as soon as possible on the day of spraying. Two harrowings at right angles alter spraying is adequate incorporation if the soil is toose and free of trash. Heavy stubble should be thoroughly tilled either before or after application.
- 3. Seed peas any time from immediately after, up to 3 weeks after spraying.

NOTE—Leaf crinkling and delayed maturity of dry peas may occur, particularly on clay points in the Northwest, but they are usually more than offset by a reduction of wild eats.

After Seeding Method

- On summerfallow or plowed ground, seed to a depth of 2 to 3 inches.
- Spray Avadex 8W at 1¼ quarts per acre soon after seeding. (See "How to Mix and Apply" section.)
- 3. Incorporate as for barley "AFTER seeding"

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MINIATURE FACSIMILE Smallest Type size on package 12 point.



AVADEX

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Do not store near feed and foodstuffs.

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In case of contact, immediately wash skin with soap and plenty of water; for eyes, flush with plenty of water for at least 15 minutes and get medical attention.

Remove contaminated clothing. Wash clothing before reuse, in case of fire, use water spray, foam, dry chemical or CO₂.

ACTIVE INGREDIENT:

*S-(2,3,3-Trichforoallyl) disopropylthiocarbamate INERT_INGREDIENTS:

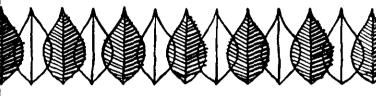
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WARNING NOTICE

Ministrate Company warrants that this material conforms to the claims at description on the label and is reasonably fit for the purposes referred to in the directions for use. This product is sold subject to the understanding that the buyer assumes all risks of use or handling which may result in loss or damage. which are beyond the control of the seller, such as for example incompatibility with other products, the manner of its use or application, or the presence of other products or materials in or on the soil or crop. Monsaple makes no other express or implied war ranty of litness or merchantability. The exclusive remedy of the user or buyer, and the limit of the liability of Monsanto Company or any other seller for any and all losses, injuries or damages resulting from the use or handling of this product shall be the purchase price paid by the user or buyer for the quantity of this product involved. The buyer and all users are deemed to have accepted the terms of this notice which may not be varied by any verhalor written agreement.

HOW TO MIX AND APPLY AVADEX BW

Dilute Avadex BW with 5 or more gallons of water per acre for an over-all treatment. Higher volumes approaching 10 gallons per acre will usually result in more uniform spraying and less evaporation, and slightly better wild out control.

Spraying during winds above 10 miles per hour will result in a loss of Avadex 8W below the amount required for good wild oat control.

For best mixing of Avadex BW with water, proceed as follows:

1. Fill the tank approximately three-quarters full with water.

HOW TO MIX AND APPLY AVADEX BW (continued)

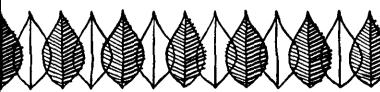
- 2. Carefully add the proper amount of Avadex BW while mixing
- 3. Fill the remaining portion of the tank with water.
- Mix thoroughly again if the solution has been left in the tank for any length of time.
- The sprayer by pass valve should be in operation before and during application.

Before spraying, check all hose connections to see that they are properly secured. Adjust the height of the spray boom in the field to ensure an even distribution of the chemical on the soil. Avoid overlapping of the spray. Pressure should not be above 30 p.s.i. and just high enough to provide a uniform spray pattern. Boomless Sprayers should not be used because the distribution of Avadex BW will be too

A field marker or chain should be attached to both ends of the sprayer boom to serve as a marker, thus avoiding overlapping or untreated strips. Overlapping will double the recommended rate and crop injury may result.

Promptly change clothing which becomes wet by accidental spillage or drift from spray. Wash clothing before re-use.

For methods of incorporation, see "Specific Crop Use" section.



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Before Scuding läethod

- Apply 1¼ quarts per acre. (See "How to Mix and Apply" section.)
- Incorporate with a duck-foot entitivator, springtooth cultivator or similar equipment to a depth of 2 inches or less, followed by a spike tooth harrow or rod-weeder as soon as possible on the day of spraying.
- 3. Seed wheat below the chemical layer in the soil to a depth of 2½ to 3 inches.
- 4. Do not use on clay knobs (Pacific Northwest).
- Do not use on fields where seeding will be shallow (where seed must be "dusted in" or "floated on").

After Seeding Method

- 1. Seed to a depth of 2 to 3 inches.
- Apply 1¼ quarts per acre. (See "How to Mix and Apply" section.)
- Incorporate with 2 harrowings at right angles with a spike tooth harrow or a spring-tooth cultivator set shallowly, or similar equipment as soon as possible on date of spraying. Adjust cultivator depth so as not to disturb the wheat seed.
- 4. Do not use on clay knobs (Pacific Northwest).
- 5. Do not use on fields that have been shallow seeded (where seed was "dusted in" or "floated on").

NOTE: Under conditions of unusually heavy rainfall in late April or May, wild oats germinating during this time may not be controlled. Control of fall and early spring germinating wild oats usually results in a significant yield increase.

BARLEY

Application in Fertilizer Solutions—Avanex BW can be used in non-pressure fertilizer solutions. Continuous agitation of the mixture should be maintained while spraying. Spray the recommended rate of Avadex BW on the soil surface and incorporate as shown for either after seeding or before seeding.

SPRING AND DURUM WHEAT

Application in Fertilizer Solutions—Avadex BW can be used in non-pressure fertilizer solutions. Continuous agitation of the mixture should be maintained while spraying. Spray the recommended rate of Avadex BW on the soil surface and incorporate as shown for after seeding.

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