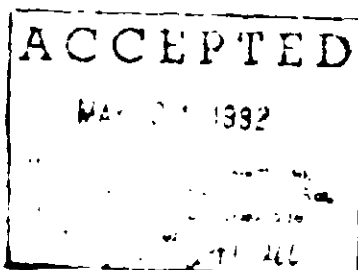


AVENGE[®] 2ASU



wild oat herbicide

FOR USE IN BARLEY AND WHEAT



A large ingredient

Protect equipment, clothes, animals, and people from

herbicide contamination

Use properly

Follow directions

Use properly

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KEEP OUT OF REACH OF CHILDREN
DANGER!

FIRST AID

In case of contact
If swallowed

Net Contents: 30 gallons
113.55 liters

General Information

AVENGE is a herbicide for pre- and post-emergence control of wild oats, barley and fall-seeded wheat. It is not grown throughout the United States (except Mexican durum wheat varieties). Varieties of spring-seeded wheat grown in Idaho, Oregon and Washington (except Borah), the spring-seeded wheat varieties Butte, Era, Fortuna, Kitt and Olaf grown in North Dakota, South Dakota, Minnesota, Montana and Wyoming, all spring-seeded durum wheat varieties grown in Minnesota, Montana, North Dakota and South Dakota (except Lakota and Vascana) may be injured. Injury can occur to some wheat varieties including Bonanza, Bounty, Lark, Leo, Warden and WS 1809.

If broadleaf weeds may also be controlled in these crops, AVENGE may be tank mixed with MCPA, aminopyr ester bromoxynil, MCPA plus bromoxynil or 2,4-D amine or ester. AVENGE alone or the tank mixtures can be applied post-emergence by ground equipment or aircraft.

Maximum control of wild oats, barley and wheat with AVENGE alone or in combination is obtained when temperature, moisture, fertility and cultural practices provide favorable conditions for plant growth. When applied under stress conditions for plant growth such as cold, wet or hot, dry weather or low soil fertility, AVENGE alone can produce yellowing or slight tip burn of barley or wheat. However, crop recovery is rapid when good growth conditions return. Slight reduction of yield may result under conditions described above.

Observe all cautions and limitations on this label and the labels of products used in tank mixtures with AVENGE. The use of AVENGE not consistent with this label can result in injury to crops, animals or persons. Keep containers closed to avoid spills and contamination.

Equipment Application Instructions

The spray equipment must be clean and properly calibrated before treatments are applied. For best results, use flat fan nozzles at pressures of 20 to 40 psi to achieve uniform spray distribution and minimum drift. Keep the spray line on or near the bottom of the tank to minimize foaming. In ground applications, check nozzles for even distribution of spray droplets. In aerial applications, it is recommended that a flagman be located at each end of the field or an automatic mechanical flagging unit be attached to the aircraft to ensure uniform aerial application and to avoid overlapping and possible crop injury.

DIRECTIONS FOR USE

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

WHERE TO USE AVENGE: AVENGE and AVENGE tank mix combinations listed below may be applied to:
Barley and Fall-seeded Wheat varieties. All varieties grown throughout the United States (except Mexican durum wheat varieties).
Spring-seeded Wheat (Western States): All varieties grown in Idaho, Oregon and Washington (except Borah).
Spring-seeded Wheat (North Central States): Use only on spring-seeded wheat varieties of Butte, Era, Fortuna, Kitt and Olaf grown in Minnesota, North Dakota, South Dakota, Montana and Wyoming. Do not apply on spring-seeded varieties not listed on the label. Injury may occur.
Spring-seeded Durum Wheat (North Central States): All varieties grown in Minnesota, Montana, North Dakota and South Dakota (except Lakota and Vascana).

WHEN TO USE AVENGE:

AVENGE or AVENGE tank mix combinations are to be applied when the majority of wild oat plants are in the 3- to 5-leaf stage of growth. The 3-leaf growth stage of wild oats occurs usually about 9 days following wild oat emergence under normal growing conditions. The timing of AVENGE application to wild oats frequently coincides with barley in the 2- to 7-leaf stage, spring-seeded wheat in the 5- to 6-leaf stage, and fall-seeded wheat in the 4-leaf to tillered stage of growth. To achieve maximum control, the growth stage of wild oats in each field to be treated should be examined frequently to determine the 3- to 5-leaf stage for proper timing of AVENGE application. Density of wild oats per square foot should also be determined to select the correct AVENGE application rate. Slight reduction of yield may result under stress conditions.

MIXING INSTRUCTIONS

HOW TO MIX AVENGE ALONE

1. Fill tank one-half to three-quarters full with clean water and start agitation.
2. When using AVENGE alone, add AVENGE to the partially filled tank while agitating. When AVENGE is thoroughly mixed, fill from under of tank with water while agitating.
3. Allow mixture to agitate and recirculate at least 15 minutes before spraying.
4. Agitation must be continued until spraying is completed.

HOW TO MIX AVENGE PLUS BROADLEAF HERBICIDES

1. Fill tank one-half to three-quarters full with clean water and start agitation.
2. When using AVENGE with a broadleaf herbicide, add the broadleaf herbicide to the partially filled tank while agitating.
3. When the broadleaf herbicide is thoroughly mixed, add the AVENGE to the tank while continuing to agitate with water while agitating.
4. Allow mixture to agitate and recirculate for at least 15 minutes before spraying.
5. Agitation must be continued until spraying is completed.

AVENGE Recommendation Table

Wild Oat Population	Wild Oat Density Plants Per Square Foot	AVERGE Rate Per Acre
Low	100	200 lbs
Medium	200	400 lbs
High	more than 200	400 lbs

Note: For spot treatments, mixtures of 10 gallons of spray per acre can be applied to additional surface areas targeted. Use Tron X 1000 "X"™. Spreaders or Surface Applicators for 15 PPM of 1000 gallons of water per acre. For 15 PPM of 1000 gallons of water per acre, spray 10 gallons of 10 ppm. Example: For a 15 ppm spray, add 3 to 4 ounces of Tron X 1000 "X"™ to each 100 gallons of water, or 10 ppm to each 15 gallons of water.

Under the assumption that $\mathbf{A}^T \mathbf{A} = \mathbf{I}$, the matrix $\mathbf{A}^T \mathbf{A} \mathbf{E} \mathbf{A} \mathbf{E}^T$ is symmetric and positive semidefinite. Therefore, the matrix $\mathbf{A}^T \mathbf{A} \mathbf{E} \mathbf{A} \mathbf{E}^T$ is invertible and

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* "Spend your money on the things that will last." — *Benjamin Franklin*

[illegible]

^a Values are means ± SD; ^b values are means ± SEM.

HOW TO USE AVENGÉ ALONE

If seedlings are growing densely, select the proper number of plants from the AVE-Gel Receptacle and place them in the growing medium that corresponds to the population of wild-type plants per square foot in the field to be treated.

Apply AVERAGE in 5 to 20' diameter of a tree per acre by ground application. Do not apply to trees with diameter less than 3" to 10" dbh. Do not apply to trees with a trunk defect, decay or rot. Do not apply when a tree is dead, dormant or in a dormant state.

HOW TO USE AVENGE PLUS BROADLEAF HERBICIDES

Select the proper AVERAGE application rate as described in the AVERAGE Recommendation Table. Do not mix AVERAGE tank mix combinations under stress conditions. Do not apply AVERAGE tank mix combinations to stressed plants. Follow label recommendations of the labeled herbicides used with AVERAGE. Follow the Mixing instructions and use the herbicide as follows:

AVERAGE PLUS MOCA: Use the MOCA simulations. Apply the total of the three MOCA simulations to the total yield per acre. Apply a 5 to 20% discount rate to yield of an average plant and a 10% discount rate to yield of a high plant.

AVERAGE PLUS Bromoxynil Use bromoxynil at the rate of 1.0 to 1.5 lb. active ingredient per acre. Apply up to 20" gallons per acre by ground equipment or 10 to 15 gallons per acre by aircraft.

AVERAGE PLUS MCPA PLUS Bromoxynil. Use MCPA at 0.5 lb. a.i. per acre, Bromoxynil at 0.5 lb. a.i. per acre, and AVERAGE PLUS at 0.5 lb. a.i. per acre. Total application rate is 1.5 lb. a.i. per acre. Apply to 10 gallons per acre by airblast.

[illegible][illegible]

the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.5 billion. The number of people aged 65 and over is expected to increase from 200 million to 400 million. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion.

¹ The term "cognitive" is used in a broad sense, encompassing both cognitive and non-cognitive aspects of the process.

[illegible]

^a χ^2 test for independence. $\chi^2 = 10.1$, $df = 1$, $p = 0.002$.

NOTE

[illegible]

...the

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

... ..

• *Adaptation* – the process by which an organism becomes better suited to its environment.

[illegible][illegible]

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS DANGER!

CORROSIVE. CAUSES EYE DAMAGE.
IF SWALLOWED OR ABSORBED THROUGH SKIN.
Do not get in eyes, on skin or on clothing.
Wear goggles or face shield and rubber gloves when handling.
Wash thoroughly after handling.

ENVIRONMENTAL HAZARDS

STORAGE AND DISPOSAL

PROHIBITIONS

PESTICIDE DISPOSAL

CONTAINER DISPOSAL

GENERAL

DISCLAIMER

Approved by the Board

