

RICE

General Information

GENERAL INFORMATION

Avalanche Ultra herbicide is intended for selective postemergence control of certain broadleaf weeds and grasses in peanuts, soybeans, strawberries, and rice.

Crop Tolerance

All listed crops are tolerant to Avalanche Ultra at all stages of growth listed. Leaf speckling may occur, but plants generally outgrow this condition within 10 days. New growth is normal and crop vigor is not reduced.

Herbicide Resistance

Avalanche Ultra is a Group 14 herbicide. Any weed population may contain or develop plants naturally resistant to Avalanche Ultra and other Group 14 herbicides. Weed species with acquired resistance to Group 14 may eventually dominate the weed population if Group 14 herbicides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by Avalanche Ultra or other Group 14 herbicides.

To delay herbicide resistance consider:

- Avoiding the consecutive use of Avalanche Ultra or other target site of action Group 14 herbicides that have a similar target site of action, on the same weed species.
- Using tank-mixtures or premixes with herbicides from different target site of action Groups as long as the involved products are all registered for the same use, have different sites of action, and are both effective at the tank mix or prepack rate on the weed(s) of concern.
- Basing herbicide use on a comprehensive IPM program.

- Monitoring treated weed populations for loss of field efficacy.
- Contacting your local extension specialist, certified crop advisors, and/or manufacturer for herbicide resistance management and/or integrated weed management recommendations for specific crops and resistant weed biotypes.

APPLICATION INSTRUCTIONS

Apply recommended rates of Avalanche Ultra as follows unless instructed differently in section VI. Crop- Specific Information. Applications can be made to actively growing weeds as aerial banding or broadcast applications at the rates and growth stages listed in Table 4. Application Rates for Avalanche Ultra herbicide – Peanuts and Soybeans and in VI. Crop-Specific Information for rice and strawberries. The most effective control will result from making postemergence applications of Avalanche Ultra early, when weeds are small. Early application to weeds results in improved weed control, allows use of the lower rate (depending on weed species), and makes thorough spray coverage easier to obtain. Delaying application permits weeds to exceed the maximum size stated and will prevent adequate control.

Aerial Application Methods and Equipment

Water Volume: Use a minimum of 10 gallons of water per acre. A minimum of 5 gallons of water per acre has been effective where adequate coverage can be achieved.

Spray Pressure: Use up to 40 psi.

Application Equipment: Use only diaphragm-type nozzles that produce cone or fan-spray spray patterns.

Special Directions for Aerial Application

To obtain uniform coverage and to avoid drift hazards, consult the Spray Drift Management section below.

Ground Application (Banding)

Follow Ground Application (Broadcast) instructions for band applications. When row banding equipment is used, adjust it to provide maximum coverage of weeds in the row. Thorough coverage of the weeds can be obtained with two nozzles directed

from either side of the crop row toward the weeds in the center rows. The minimum band width is 15 inches with a minimum of 15 gallons of water per acre on the band. Do not apply with a single nozzle over the row.

Ground Application Methods and Equipment (Broadcast)

Water Volume: Use 10-20 gallons of spray solution per broadcast acre for optimal performance. Increase water volume up to 50 gallons if crop or weed foliage is dense. For strawberries, use 20-40 gallons of spray solution per broadcast acre.

Spray Pressure: Use a minimum of 40 psi (measured at the boom, not at the pump or in the line).

Note: When using the lower water volume (i.e. 10 gallons per acre) or when crop and weed foliage is dense, use a minimum of 60 psi for best results.

Application Equipment: Use standard high-pressure pesticide flat fan or hollow cone nozzles spaced up to 20 inches apart. Do not use flood, whirl chamber, or controlled droplet applicator (CDA) nozzles as erratic coverage can cause inconsistent weed control. Do not use selective application equipment such as recirculating sprayers or wiper applicators.

RESTRICTIONS AND LIMITATIONS

- **Maximum Seasonal Use Rate:** Do not apply more than a total of 2 pints (0.5 lb. a.i.) of Avalanche Ultra herbicide per acre per season for peanuts, and soybeans, no more than a total of 3 pints (0.75 lb. a.i.) of Avalanche Ultra herbicide per acre per season for strawberries, and no more than a total of 1 pint (0.25 lb. a.i.) of Avalanche Ultra per acre per season for rice.
- **Maximum Application Use Rate:** Do not apply more than 1.5 pints (0.375 lb. a.i.) of Avalanche Ultra per acre, per application in peanuts, soybeans and strawberries. Do not apply more than 1 pint (0.25 lb. a.i.) of Avalanche Ultra per acre, per application in rice.
- Allow a minimum of 15 days between sequential applications of Avalanche Ultra.
- Do not use treated plants for feed or forage.
- **Crop Rotation Restriction:** In case of crop failure, only peanuts, soybeans,

strawberries or rice may be immediately replanted. Small grains must not be planted in fields treated with Avalanche Ultra for 40 days following treatment. All other rotated crops must not be planted in fields treated with Avalanche Ultra for 100 days following treatment.

- Stress: Do not apply to weeds or crops under stress due to lack of moisture, hail damage, flooding, herbicide injury, mechanical injury, or widely fluctuating temperatures, as unsatisfactory control may result.
- Do not apply Avalanche Ultra to crops that show injury (leaf phytotoxicity or plant stunting) produced by any other prior herbicide applications, because this injury may be enhanced or prolonged.
- Rainfast Period: Rainfall or overhead irrigation within 4 hours after application may reduce the effectiveness of Avalanche Ultra.
- Do not apply through any type of irrigation system.

Refer to Table 1 in the label for the additive option appropriate for each tank mix.

Limitations, Restrictions, and Exceptions

RICE

Avalanche Ultra may be applied when rice is at the late tillering stage up to the early boot stage, which normally occurs in June or July. Rice must be past the 3-leaf stage. Apply Avalanche Ultra to hemp sesbania plants before sesbania is in the flowering stage. Best results are obtained when the sesbania growth extends above the rice.

Apply 0.5 pint of Avalanche Ultra per acre to hemp sesbania plants. A second application of 0.5 pint of Avalanche Ultra per acre can be made to control later germinating sesbania. To achieve consistent weed control, add 1-2 pints of an 80% active nonionic spray surfactant per 100 gallons of water. Using a spray adjuvant is important for effective control of hemp sesbania.

Specific Restrictions and Limitations

Do not apply Avalanche Ultra after the rice reaches the boot stage.

The maximum application rate for rice is 1 pint per acre, per season and is only for

use to control hemp sesbania.

Do not apply more than 2 applications to rice per season nor exceed 1 pint per acre per season.

Do not use water from treated rice fields for irrigation purposes for other than those labeled for use with Avalanche Ultra herbicide.

Do not harvest crayfish from treated rice areas for food.

Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

Pre-Harvest Interval

50 days

Rates

[field_rates 0](#)

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Restricted Entry Interval

48 hours

Timings

[Postemergence \(Weed\)](#)

[When the sesbania growth extends above the rice.](#)