

Supplemental Label



Valent U.S.A. Corporation
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SELECT[®] 2 EC HERBICIDE EPA Reg. No. 59639-3

FOR USE ON ALFALFA

TANK MIXES WITH BROADLEAF HERBICIDES AND INSECTICIDES

DIRECTIONS FOR USE

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

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

GENERAL RESTRICTIONS AND LIMITATIONS

Do not apply more than 32 fl. oz. of SELECT 2 EC (0.50 lb. ai) per acre per season. Application on Long Island, New York, is restricted to no more than 16 fl. oz. of SELECT 2 EC (0.25 lb. ai) per acre per season.

CROP SPECIFIC RESTRICTIONS AND LIMITATIONS FOR SELECT 2 EC

Crops	Minimum Time From Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽¹⁾	Special Use Instructions
Alfalfa including: Sainfoin Holy Clover Birdsfoot trefoil ⁽²⁾	15 days before grazing, feeding or harvesting (cutting) for forage or hay	6 - 16 fl. oz. ⁽³⁾	1 qt. by ground or 1% v/v (but not less than 1 pt./A) by air ⁽⁴⁾	Do not plant rotational crops until 30 days after application of SELECT 2 EC ⁽⁵⁾ The addition of AMS has shown improved grass control for difficult to control species including: quackgrass, rhizome Johnsongrass, red rice, wild oats, volunteer cereals, and volunteer corn.

⁽¹⁾ Acceptable crop oil concentrates would be those which contain a minimum of 80% oils and 15% emulsifier. A crop oil concentrate must contain either a petroleum or vegetable oil base and must meet all the following criteria: be non-phytotoxic, contain only EPA exempt ingredients, provide good mixing quality and be successful in local experience. Highly refined vegetable oils have proven more satisfactory than unrefined vegetable oils. See the Addition of Adjuvant and Crop Oil Concentrate section on the container label for further information.

⁽²⁾ SELECT 2 EC may be applied to seedling or established alfalfa grown for seed, hay, silage, green chop, or direct grazing.

⁽³⁾ For weed control in established alfalfa, the minimum use rate is 10 fl. oz./A.

⁽⁴⁾ 1 to 2 qts./A of liquid fertilizer (10-34-0, 28%N or 32%N), or an equivalent amount (2.5 to 4.0 lbs./A) of spray grade ammonium sulfate (AMS) may be added to SELECT 2 EC applications, in addition to the recommended rate of crop oil concentrate.

⁽⁵⁾ Do not apply SELECT 2 EC and 2,4-DB as a tank mix to alfalfa unless the 60 day feeding, grazing and harvesting restriction on the 2,4-DB label can be observed.

RECOMMENDATIONS FOR ANNUAL AND PERENNIAL GRASS CONTROL IN ESTABLISHED ALFALFA WITH SELECT 2 EC

GRASS SPECIES	WEED STAGE	RATE FL. OZ./ACRE	HIGH RATE
Annual & Perennial Grasses Listed in Grass Table on Container Label	See Table on container label	10	16

Mowing: The best control of annual grasses can be achieved by applying SELECT 2 EC before grass weeds are mowed. Once a grass is mowed it becomes tougher to control, as much of the available leaf surface has been removed. In areas without a killing frost, some annuals can over-winter after having been mowed multiple times. These grasses form large crowns and may contain many viable buds. These grasses, even though they may be an annual grass, may require repeated applications of SELECT 2 EC for partial or complete control.

Irrigated Alfalfa: Irrigation practices can be very critical to the successful use of SELECT 2 EC in established alfalfa and may be necessary to initiate active growth of the weeds prior to application. Generally applications 2 to 4 days after an irrigation are most effective. Irrigation made shortly after application (2 days) can be effective, but more consistent grass control occurs when the irrigation is made before the application.

Aerial Application: Apply SELECT 2 EC in a minimum of 10 GPA in established alfalfa when applying by air.

Annual Grass Control: Apply SELECT 2 EC at the grass sizes indicated in the Recommendation for Annual Grass Table and rates indicated on the container label. If a grass has been cut, apply SELECT 2 EC after active growth has resumed and regrowth has reached the minimum height and before it reaches the maximum height indicated. Apply before the alfalfa canopy covers the grasses and interferes with the spray coverage. Some annual grasses are spring and summer-germinating plants, while others are fall-germinating plants, and the time they are actively growing and most susceptible to SELECT 2 EC may vary from region to region. Also some annuals germinate over an extended period of time, and because control of small grasses is desired, applications after each weed flush may be required. As a general rule spray spring and summer-germinating grasses as early in the season as possible, after initial green-up. Spray fall-germinating weeds in the fall soon after they begin growing but before any damage is done due to frost. Late fall applications may be less effective due to environmental conditions, such as frost, slower plant growth, or the onset of flowering.

Perennial Grass Control: SELECT 2 EC effectively controls perennial grasses such as bermudagrass, Johnsongrass, quackgrass, wirestem muhly, tall fescue, foxtail barley and orchardgrass. Due in part to lack of tillage, perennial grasses are more difficult to control in a perennial crop such as established alfalfa. A program of repeated applications is usually necessary for best results. The best way to control perennial grasses is to do so in the year of stand establishment before rhizomes and stolons become large and difficult to kill.

Use the high rate under heavy grass pressure and/or when grasses are at or near maximum height.

Always add a crop oil concentrate at 1 qt./A by ground or 1% v/v (but not less than 1 pt./A) to the finished spray volume by air.

SELECT 2 EC TANK MIXES WITH BROADLEAF HERBICIDES FOR ALFALFA
(Refer to the recommendation tables on the container label for specific grasses and growth stages)

PRODUCT ⁽¹⁾	APPLICATION RATES/ACRE ⁽²⁾			
	ANNUAL GRASSES	PERENNIAL GRASSES	CROP OIL CONCENTRATE ⁽³⁾ (V/V)	
			GROUND	AIR
SELECT 2 EC + 2,4-DB ⁽⁴⁾	10 to 16 fl. oz. + Refer to 2,4-DB label	10 to 16 fl. oz. + Refer to 2,4-DB label	1%	1%
SELECT 2 EC + PURSUIT® DG ⁽⁵⁾ or PURSUIT ⁽⁵⁾	10 to 16 fl. oz. + 1.08 to 2.16 oz. or 3 to 6 fl. oz.	-	1%	1%
SELECT 2 EC + BUCTRIL® 2L ⁽⁶⁾ or BUCTRIL® GEL ^(6,7)	10 to 16 fl. oz. + 1.0 to 1.5 pts. or 0.5 to 0.75 pt.	-	0.5%	0.5%

- ⁽¹⁾ Broadleaf weed control may be reduced when grass populations are tall or dense enough to intercept the spray pattern and prevent them from receiving complete coverage. Tank mixing is not recommended in these situations.
- ⁽²⁾ If grass regrowth occurs or an additional flush of new grass emerges, make a second application of SELECT 2 EC alone (without a tank mix herbicide), according to the appropriate size and rate recommendations.
- ⁽³⁾ Always use a crop oil concentrate at the listed rate (but not less than 1 pt./A) in the finished spray volume.
- ⁽⁴⁾ SELECT 2 EC plus 2,4-DB may increase the severity of crop injury when tank mixed. Alfalfa plants will generally outgrow this temporary crop injury within a few weeks.
- ⁽⁵⁾ Before using this tank mix, read and understand the PURSUIT or PURSUIT DG labels for geographical restrictions and restrictions regarding alfalfa growth stage and type. Failure to do so can result in crop injury to alfalfa. Do not feed, graze, or harvest alfalfa for 30 days following an application of PURSUIT to alfalfa.
- ⁽⁶⁾ In the states of Washington, Oregon, Idaho, Montana, Wyoming, Colorado, Utah, Nevada and the western halves of North Dakota, South Dakota, Nebraska, and Kansas: The SELECT 2 EC plus BUCTRIL or BUCTRIL GEL tank mix must be applied in the fall or spring to seedling alfalfa when the majority of the field has a minimum of 2 trifoliates. Unacceptable crop injury may occur to alfalfa seedlings less than the 2 trifoliolate leaf stage. SELECT 2 EC plus BUCTRIL or BUCTRIL GEL applications made when temperatures are expected to exceed 80°F and 3 days following application can result in unacceptable crop injury. In the states not listed above, apply in the fall or spring to seedling alfalfa when the majority of the field has a minimum of 4 trifoliolate leaves. When alfalfa stand is uneven and conditions favor leafburn, unacceptable crop injury may occur to alfalfa in the 2 trifoliolate or smaller stage of growth. SELECT 2 EC plus BUCTRIL or BUCTRIL GEL applications made when temperatures are expected to exceed 70°F and 3 days following application can result in unacceptable crop injury. Crop leaf burn can occur following SELECT 2 EC plus BUCTRIL or BUCTRIL GEL application. Warm, humid conditions may enhance leaf burn. New crop growth will not be affected.
- ⁽⁷⁾ Do not apply when alfalfa is under moisture, temperature, insect or disease stress or has been stressed by other pesticide carryover or application.

TANK MIX APPLICATION OF SELECT 2 EC AND INSECTICIDES FOR CONTROL OF GRASS WEEDS AND INSECTS IN ALFALFA⁽¹⁾

PRODUCT ⁽²⁾	APPLICATION RATES/ACRE ⁽³⁾		
	ANNUAL GRASSES	PERENNIAL GRASSES	CROP OIL CONCENTRATE (V/V) ⁽⁴⁾
SELECT 2 EC + BAYTHROID®	10 to 16 fl. oz. ⁽⁵⁾ + Refer to BAYTHROID label	10 to 16 fl. oz. + Refer to BAYTHROID label	1%
SELECT 2 EC + DIMETHOATE	10 to 16 fl. oz. ⁽⁵⁾ + Refer to DIMETHOATE label	10 to 16 fl. oz. + Refer to DIMETHOATE label	1%
SELECT 2 EC + LORSBAN®	10 to 16 fl. oz. ⁽⁵⁾ + Refer to LORSBAN label	10 to 16 fl. oz. + Refer to LORSBAN label	1 to 2 pt. ⁽⁶⁾
SELECT 2 EC + POUNCE®	10 to 16 fl. oz. ⁽⁵⁾ + Refer to POUNCE label	10 to 16 fl. oz. + Refer to POUNCE label	1%
SELECT 2 EC + WARRIOR®	10 to 16 fl. oz. ⁽⁵⁾ + Refer to WARRIOR label	10 to 16 fl. oz. + Refer to WARRIOR label	1%

- ⁽¹⁾ Certain insecticides may cause temporary phytotoxic symptoms on alfalfa foliage. Refer to the insecticide label for further information. It is suggested that prior to using any of these insecticide/herbicide tank mixtures, that a small area of the field be treated first and observations for crop injury be made prior to treating the whole field.
- ⁽²⁾ Refer to SELECT 2 EC and insecticide label for rates and weeds and insects controlled.
- ⁽³⁾ If grass regrowth occurs, or an additional flush of new grass emerges, make a second application of SELECT 2 EC alone (without a tank mix insecticide) according to the appropriate size and rate recommendations.
- ⁽⁴⁾ Always use a crop oil concentrate at the listed rate (but not less than 1 pt./A) in the finished spray volume.
- ⁽⁵⁾ The SELECT 2 EC rate should be 6 to 8 fl. oz./A for annual grass control in seedling alfalfa.
- ⁽⁶⁾ For the SELECT 2 EC plus LORSBAN tank mix, reduce the adjuvant rate down to 1.0 pt./A when the LORSBAN rate is 1.0 pt./A or higher.

THIS LABELING MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF APPLICATION. PLEASE REFER TO CONTAINER LABEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS. FOLLOW ALL APPLICATION DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE EPA REGISTERED LABEL.

PLEASE CONTACT VALENT U.S.A. CORPORATION AT 1-800-6-VALENT (682-5368) TO DETERMINE IF THIS USE IS REGISTERED IN YOUR STATE.

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