
PRODUCT INFORMATION



Syngenta Crop Protection, Inc.
Greensboro, NC 27409
www.syngenta-us.com

SUPPLEMENTAL LABEL FOR DISCOVER® HERBICIDE

EPA Reg. No. 100-907

A single pass liquid postemergence herbicide for control of grass weeds in wheat (including Durum)

Active Ingredient:	
Clodinafop-propargyl (CAS No. 105512-06-9)	22.3%
Other Ingredients:	77.7%
Total:	100.0%

This product contains petroleum distillates, xylene, or xylene-range aromatic solvent.

Discover Herbicide contains 2 lbs. of clodinafop-propargyl active ingredient per gallon.

KEEP OUT OF REACH OF CHILDREN.

WARNING/AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

All applicable directions, restrictions and precautions on the EPA-registered label are to be followed.

Before using Discover Herbicide as permitted according to this supplemental label, read and follow all applicable directions, restrictions, and precautions on the EPA registered label on or attached to the pesticide product container. This Supplemental Labeling contains revised use instructions and or restrictions that may be different from those that appear on the container label. This Supplemental Labeling must be in the possession of the user at the time of pesticide application. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

DIRECTIONS FOR USE

TANK MIXES OF DISCOVER HERBICIDE WITH BROADLEAF WEED HERBICIDES

For broad spectrum control of annual grass and broadleaf weeds, tank mix Discover Herbicide with one of the broadleaf herbicides or broadleaf herbicide combinations listed in the following tables. Consult the label of the tank mix partner for a list of broadleaf weeds controlled, rates, timing, recropping restrictions, grazing interval restrictions, recommendations for specific weeds, directions for use, and precautions. Use in accordance with the most restrictive of label limitations and precautions. No label dosage rates should be exceeded. This product cannot be mixed with any other product whose label prohibits such a mixture.

Note: When tank mixing, always add the broadleaf herbicides to the spray tank first. Follow with Discover Herbicide and add the DSV Adjuvant last.

Table 1: Weeds Controlled by Discover Herbicide Applied at 3.2 oz./A*

For control of annual grasses listed in the following table and broadleaf weeds (refer to tank mix partner label for specific weeds controlled), use Discover Herbicide at 3.2 oz./A plus only one of the following single or two-way broadleaf herbicide combinations. Broadleaf herbicide combinations other than those listed in the table below are not recommended.

SELECT ONLY ONE BROADLEAF HERBICIDE TANK MIX COMBINATION LISTED IN THE TABLE BELOW

Broadleaf Herbicide	Rate	Weeds Controlled by Discover Herbicide Applied at 3.2 oz./A**						
		Wild Oats	Volunteer Oats	Green Foxtail	Yellow Foxtail	Barnyard-grass	Canary-grass	Volunteer Corn
2,4-D Amine (assume 4 lbs./gal.)	0.5-0.75 pt./A	C	C	S	S		C	
Ally® Extra ¹	0.2-0.4 oz./A	C	C	S	S		C	
Ally® ^{1,5}	0.1 oz./A	C	C	C	S		C	
Amber® ¹	0.28-0.47 oz./A	C	C	C	S		C	
Banvel® ⁴	2-3 oz./A	C	C	S	S		C	
Banvel ⁴ + MCPA Ester	2 oz./A + 0.5-0.75 pt./A	C	C	S				
Banvel SGF®	4-6 oz./A	C	C	S	S		C	
Bronate Advanced™ ²	0.8-1.2 pts./A	C	C	C	C	C	C	C
Buctril® ³	0.75-1.5 pt./A	C	C	C	C	C	C	C
Buctril ³ + MCPA Ester (assume 4 lbs./gal.)	0.75-1.5 pt./A + 0.5-0.75 pt./A	C	C	C	C	C	C	C
Canvas® ¹	5-10 Acres/Pack	C	C	S			C	
Chiptox® MCPA	1-1.5 pt.A	C	C					
Clarity®	2-3 oz./A	C	C	S	S		C	
Clarity + MCPA Ester	2 oz./A + 0.5-0.75 pt./A	C	C	S				
Curtail™	2-2.67 pt./A	C	C	S			C	
Curtail™ M	1.75 pt./A	C	C	C	C		C	
Express® ^{1,6}	0.17-0.33 oz./A	C	C	S			C	
Finesse® ¹	0.2-0.4 oz./A	C	C	S	S		C	
Glean® ¹	0.17-0.33 oz./A	C	C	S			C	
Harmony® Extra ^{1,7}	0.3-0.6 oz./A	C	C	S	S		C	
Harmony Extra ^{1,7} + Bronate Advanced ²	0.3-0.6 oz./A + 0.6-1.2 pts./A	S	S					
Harmony Extra ^{1,7} + Buctril ³	0.3-0.6 oz./A + 0.75-1.5 pt./A	C	C					
Harmony Extra ^{1,7} + MCPA Amine (assume 4 lbs./gal.)	0.3-0.6 oz./A + 0.5-0.75 pt./A	S	S					
Harmony Extra ^{1,7} + MCPA Ester (assume 4 lbs./gal.)	0.3-0.6 oz./A + 0.5-0.75 pt./A	C	C					
Harmony® GT ^{1,8}	0.3-0.6 oz./A	C	C	C	S	C	C	C
Harmony GT ^{1,8} + Buctril ³	0.3-0.6 oz./A + 0.75-1.5 pt./A	C	C	S				
Harmony GT ^{1,8} + MCPA Amine	0.3 oz./A + 0.5-0.75 pt.A	C	C	S				
Harmony GT ^{1,8} + MCPA Ester (assume 4 lbs./gal.)	0.3-0.6 oz./A + 0.5-0.75 pt./A	C	C	S	S		C	
MCPA Amine (assume 4 lbs./gal.)	0.5-0.75 pt./A	C	C	S	S		C	
MCPA Ester (assume 4 lbs./gal.)	0.5-0.75 pt./A	C	C	C	C	C	C	C
Peak® ¹	0.25-0.5 oz./A	C	C	C	C	C	C	C
Peak ¹ + Bronate Advanced ²	0.25-0.5 oz./A + 0.6-1.2 pts./A	C	C					
Peak ¹ + Buctril ³	0.25-0.5 oz./A + 0.75-1.5 pt./A	C	C					
Peak ¹ + Chiptox MCPA	0.25-0.5 oz./A + 1-1.5 pt./A	C	C					

Broadleaf Herbicide	Rate	Weeds Controlled by Discover Herbicide Applied at 3.2 oz./A**						
		Wild Oats	Volunteer Oats	Green Foxtail	Yellow Foxtail	Barnyard-grass	Canary-grass	Volunteer Corn
Peak ¹ + Curtail M	0.25-0.5 oz./A + 1.75 pt./A	C	C	S				
Peak ¹ + MCPA Amine (assume 4 lbs./gal.)	0.25-0.5 oz./A + 0.5-0.75 pt./A	C	C	S	S			
Peak ¹ + MCPA Ester (assume 4 lbs./gal.)	0.25-0.5 oz./A + 0.5-0.75 pt./A	C	C	C			C	
Starane™	0.67 pt./A	C	C	C	S		C	
Starane + Bronate Advanced ²	0.67 pt./A + 0.6-1.2 pts./A	C	C	C	S			
Starane + Curtail M	0.67 pt./A + 1.75 pt./A	C	C	C	S			
Starane + Harmony Extra ^{1,7}	0.67 pt./A + 0.3 oz./A	C	C	S				
Starane + Harmony GT ^{1,8}	0.67 pt./A + 0.3-0.6 oz./A	C	C	C				
Starane + Peak ¹	0.67 pt./A + 0.25-0.5 oz./A	C	C					
Starane™ + Sword®	1.5 pt./A	C	C				C	
Starane + Sword + Harmony GT ^{1,8}	1.5 pt.A+ 0.3-0.6 oz./A	C	C					
Starane + Sword + Peak ¹	1.5 pt./A + 0.25-0.5 oz./A	C	C					
Stinger™	0.25-0.33 pt./A	C	C	C			C	

*Always use 10.2 oz. DSV Adjuvant/A when applying Discover Herbicide at a rate of 3.2 oz./A.

**C = Control; S = Suppression (indicates "Partial Control" which means significant activity but not always at a level generally considered acceptable for commercial weed control).

¹Addition of surfactants other than DSV Adjuvant is not required.

²Other equivalent products containing the active ingredients bromoxynil/MCPA esters may be used. Consult the specific product label for recommended rates.

³Other equivalent products containing the active ingredient bromoxynil may be used. Consult the specific product label for recommended rates.

⁴Other equivalent products containing the active ingredient dicamba may be used. Consult the specific product label for recommended rates.

⁵Ally XP may be used.

⁶Express XP may be used.

⁷Harmony Extra XP may be used.

⁸Harmony GT XP may be used.

Table 2: Weeds Controlled by Discover Herbicide Applied at 4.0 oz./A*

For control of annual grasses listed in the following table and broadleaf weeds (refer to tank mix partner label for specific weeds controlled), use Discover Herbicide at 4 oz./A plus only one of the following single or two-way broadleaf herbicide combinations. Broadleaf herbicide combinations other than those listed in the table below are not recommended.

SELECT ONLY ONE BROADLEAF HERBICIDE TANK MIX COMBINATION LISTED IN THE TABLE BELOW

Broadleaf Herbicide	Rate	Weeds Controlled by Discover Herbicide Applied at 4.0 oz./A**									
		Wild Oats	Volunteer Oats	Green Foxtail	Yellow Foxtail	Giant Foxtail	Barnyard-grass	Canary-grass	Persian Darnel	Volunteer Corn	Annual Ryegrass
2,4-D Amine (assume 4 lbs./gal.)	0.5-0.75 pt./A	C	C	C	C			C			
Ally® Extra ¹	0.2-0.4 oz./A	C	C	C	S			C			
Ally® ^{1,5}	0.1 oz./A	C	C	C	S			C			
Amber® ¹	0.28-0.47 oz./A	C	C	C	S			C			
Banvel® ⁴	2-3 oz./A	C	C	C	C			C			
Banvel ⁴ + MCPA Ester (assume 4 lbs./gal)	2 oz./A + 0.5-0.75 pt.A	C	C	S							
Banvel SGF®	4-6 oz./A	C	C	C	C			C			
Bronate Advanced™ ²	0.8-1.2 pts./A	C	C	C	C	C	C	C	C	C	C
Buctril® ³	0.75-1.5 pt./A	C	C	C	C	C	C	C	C	C	C
Buctril ³ + MCPA Ester (assume 4 lbs./gal)	0.75-1.5 pt./A + 0.5-0.75 pt./A	C	C	C	C	C	C	C	C	C	C
Canvas® ¹	5-10 Acres/Pack	C	C	C	S			C			
Chiptox® MCPA	1-1.5 pt./A	C	C								
Clarity®	2-3 oz./A	C	C	C	C			C			
Clarity + MCPA Ester (assume 4 lbs./gal)	2 oz./A + 0.5-0.75 pt./A	C	C	S							
Curtail™	2-2.67 pt./A	C	C	C	S			C			
Curtail + Harmony® GT ¹	2-2.67 pt./A+ 0.3-0.6 oz./A	C	C								
Curtail™ M	1.75 pt./A	C	C	C	C			C			
Express® ^{1,6}	0.17-0.33 oz./A	C	C	C	S			C			
Finesse® ¹	0.2-0.4 oz./A	C	C	C	S			C			
Glean® ¹	0.17-0.33 oz./A	C	C	C	S			C			
Harmony® Extra ^{1,7}	0.3-0.6 oz./A	C	C	C	S			C			
Harmony Extra ^{1,7} + Bronate Advanced ²	0.3-0.6 oz./A + 0.6-1.2 pts./A	S	S								
Harmony Extra ^{1,7} + Buctril ³	0.3-0.6 oz./A + 0.75-1.5 pt./A	C	C								
Harmony Extra ^{1,7} + MCPA Amine (assume 4 lbs./gal.)	0.3-0.6 oz./A + 0.5-0.75 pt./A	C	C								
Harmony Extra ^{1,7} + MCPA Ester (assume 4 lbs./gal.)	0.3-0.6 oz./A + 0.5-0.75 pt./A	C	C					C			
Harmony GT ^{1,8}	0.3-0.6 oz./A	C	C	C	C	C	C	C	C	C	C
Harmony GT ^{1,8} + Bronate Advanced ²	0.3-0.5 oz./A + 0.6 pt./A	C	C								
Harmony GT ^{1,8} + Buctril ³	0.3-0.6 oz./A + 0.75-1.5 pt./A	C	C	S							
Harmony GT ^{1,8} + MCPA Amine	0.3-0.6 oz./A + 0.5-0.75 pt./A	C	C	S							

Broadleaf Herbicide	Rate	Weeds Controlled by Discover Herbicide Applied at 4.0 oz./A**									
		Wild Oats	Volunteer Oats	Green Foxtail	Yellow Foxtail	Giant Foxtail	Barnyard-grass	Canary-grass	Persian Darnel	Volunteer Corn	Annual Ryegrass
(assume 4 lbs./gal.)											
Harmony GT ^{1,8} + MCPA Ester (assume 4 lbs./gal.)	0.3-0.6 oz./A + 0.5-0.75 pt./A	C	C	C	S			C			
MCPA Amine (assume 4 lbs./gal.)	0.5-0.75 pt./A	C	C	C	S			C			
MCPA Ester (assume 4 lbs./gal.)	0.5-0.75 pt./A	C	C	C	C	C	C	C	C	C	C
Peak ^{®1}	0.25-0.5 oz./A	C	C	C	C	C	C	C	C	C	C
Peak ¹ + Bronate Advanced ²	0.25-0.5 oz./A + 0.6-1.2 pts./A	C	C	C							
Peak ¹ + Buctril ³	0.25-0.5 oz./A + 0.75-1.5 pt./A	C	C	C							
Peak ¹ + Chiptox MCPA	0.25-0.5 oz./A + 1-1.5 pt./A	C	C								
Peak ¹ + Curtail M	0.25-0.5 oz./A + 1.75 pt./A	C	C	S							
Peak ¹ + MCPA Amine (assume 4 lbs./gal.)	0.25-0.5 oz./A + 0.5-0.75 pt./A	C	C	C	S						
Peak ¹ + MCPA Ester (assume 4 lbs./gal.)	0.25-0.5 oz./A + 0.5-0.75 pt./A	C	C	C				C			
Starane [™]	0.67 pt./A	C	C	C				C			
Starane + Bronate Advanced ²	0.67pt./A+ 0.6-1.2 pts./A	C	C	C	C						
Starane + Curtail	0.67 pt./A + 2-2.67 pt./A	S	S								
Starane + Curtail M	0.67 pt./A + 1.75 pt./A	C	C	C	S						
Starane + Harmony GT ^{1,8}	0.67 pt./A + 0.3-0.6 oz./A	C	C	C							
Starane + Harmony Extra ^{4,7}	0.67 pt./A+ 0.3-0.4 oz./A	C	C	S							
Starane + Peak ¹	0.67 pt./A+ 0.25-0.5 oz./A	C	C	C							
Starane [™] + Sword [®]	1.5 pt./A	C	C	C				C			
Starane + Sword + Harmony GT ^{1,8}	1.5 pt./A+ 0.3-0.6 oz./A	C	C								
Starane + Sword + Peak ¹	1.5 pt./A+ 0.25-0.5 oz./A	C	C	C							
Stinger [™]	0.25-0.33 pt./A	C	C	C				C			

*Always use 12.8 oz. DSV Adjuvant/A when applying Discover Herbicide at a rate of 4.0 oz./A.

**C = Control; S = Suppression (indicates "Partial Control" which means significant activity but not always at a level generally considered acceptable for commercial weed control.

¹Addition of surfactants other than DSV Adjuvant is not required.

²Other equivalent products containing the active ingredients bromoxynil/MCPA esters may be used. Consult the specific product label for recommended rates.

³Other equivalent products containing the active ingredient bromoxynil may be used. Consult the specific product label for recommended rates.

⁴Other equivalent products containing the active ingredient dicamba may be used. Consult the specific product label for recommended rates.

⁵ Ally XP may be used.

⁶ Express XP may be used.

⁷ Harmony Extra XP may be used.

⁸ Harmony GT XP may be used.

Precaution: Temporary crop injury may occur with tank mixes under extreme weather conditions or when the crop is suffering from stress due to inadequate or abnormally high moisture levels or extreme temperatures.

Note: Tank mixing is not recommended with any chemical additives, pesticides, or fertilizers that are not recommended on this label or other Syngenta labeling as reduced annual grass control (antagonism) and/or crop injury may occur. Herbicides not approved on this label for tank mixing with Discover Herbicide may be applied sequentially. Always apply Discover Herbicide first and allow at least 4 days after application of Discover Herbicide before applying these herbicides sequentially.

TANK MIX APPLICATION WITH TILT® FUNGICIDE

Discover Herbicide may be applied in combination with Tilt Fungicide for weed and disease control. Apply Discover Herbicide at 3.2-4.0 oz./A in a tank mix with Tilt at recommended use rates. Add Tilt to the tank first, followed by Discover Herbicide, then add DSV Adjuvant last. Refer to the Tilt label for specific use directions, application rates, restrictions, and a list of diseases controlled.

TANK MIX APPLICATION WITH WARRIOR® INSECTICIDE

Discover Herbicide may be applied in combination with Warrior Insecticide for weed and insect control. Apply Discover Herbicide at 3.2-4.0 oz./A in a tank mix with Warrior Insecticide at recommended use rates. Add Warrior to the tank first, followed by Discover Herbicide, then add DSV Adjuvant last. Refer to the Warrior label for specific use directions, application rates, restrictions, and a list of insects controlled.

TANK MIXTURES WITH LIQUID NITROGEN FERTILIZERS

Discover Herbicide may be mixed in a spray solution containing up to 50% liquid nitrogen fertilizer. Add Discover Herbicide to the water first followed by DSV Adjuvant. Mix thoroughly, then add the liquid nitrogen fertilizer in an amount no greater than 50% of the final volume.

When using Discover Herbicide with approved herbicide tank mix partners, consult the label of the partner product and follow any additional instructions or restrictions on that label which relate to mixtures with liquid nitrogen fertilizers.

Trademark of Syngenta

©2004 Syngenta

Syngenta Crop Protection, Inc.
Greensboro, North Carolina 27409
www.syngenta-us.com

SCP 907A-S2 0404

DISCOVER S2 0404 – bb – 5-5-04