

# 2,4-D Amine 600

## HERBICIDE

2,4-D Amine is a cost-effective herbicide that controls a wide range of broadleaf weeds in some cereal grains, field corn, seedling and established grasses, forage grasses and rangeland. 2,4-D Amine provides effective control of volunteer herbicide-tolerant canola and Group 2 and Group 3 herbicide-resistant weeds. As a Group 4 herbicide, 2,4-D Amine is an effective broadleaf herbicide for managing herbicide resistant weeds.

### TANK MIXES:

Tank mixes registered on either 2,4-D Amine or tank mix partner label.

#### Herbicides

Ally®	Lontrel®
Banvel II®	Oracle
Basagran®	Refine Extra TNG®
Bromoxynil®	Sencor®
Escort®	Transline (industrial uses)
Everest®	Vanquish
Glyphosate	
Horizon®	

#### Insecticides

Decis®	Pyrinex 480
Lorsban®	

#### Fungicides

Tilt®
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### WEEDS CONTROLLED

Susceptible, easy-to-control weeds in the seedling stage (2-4 leaf stage) and growing rapidly, use 0.6-0.95 L/ha (0.24-0.38 L/acre). Use higher rates for larger weeds, or dry or cold weather, or heavy infestations.

Bluebur	Ragweeds (common and giant -- including triazine resistant types)
Burdock (before the 4-leaf stage)	Redroot pigweed (including triazine resistant types)
Cocklebur	Russian pigweed
Common plantain	Russian thistle
Daisy fleabane	Shepherd's purse
False flax	Stinging nettle
False ragweed	Stinkweed
Flixweed	Sweet clover
Goat's beard	Thyme-leaved spurge
Kochia	Wild radish
Lamb's quarters (including triazine resistant types)	Wild (prairie) sunflower
Mustards (except dog and tansy)	
Prickly lettuce	



**WEEDS CONTROLLED**

Less Susceptible harder-to-control weeds in the seedling stage (2 - 4 leaf stage) and growing rapidly, use 1.0-1.5 L/ha (0.4-0.6 L/acre). Use higher rates for larger weeds, or dry or cold weather, or heavy infestations.

**Weeds listed under susceptible plus:**

Annual sow-thistle	Lady's thumb
Blue lettuce	Peppergrass
Biennial wormwood	Pineappleweed
Common chickweed	Prostrate pigweed
Common purslane	Purslane
Curled dock (before the 4-leaf stage)	Russian knapweed
Dandelion in lawns	Sheep sorrel
Dog and tansy mustard	Smartweed
Oak-leaved goosefoot	Tumble pigweed
Groundsel	Velvet leaf
Gumweed	Volunteer canola
Hairy galinsoga	Wild buckwheat
Hawkweed	Yellow rocket (before the 4-leaf stage)
Heal-all	
Hedge bindweed	
Knotweed (before the 4-leaf stage)	
Leafy spurge	

**Top Growth Control only.**

Use 1.0-1.5 L/ha (0.4-0.6 L/acre).

Biennial wormwood	Hoary cress
Blue lettuce	Leafy spurge
Bull thistle	Mouse-eared chickweed
Burdock	Perennial sow-thistle
Buttercup	Russian knapweed
Canada thistle	Tartary buckwheat
Field bindweed	Teasel
Field dandelion	Volunteer sunflower
Gumweed	Wild buckwheat
Hedge bindweed	Yellow rocket

Only rates greater than 1.8 L/ha will suppress top growth of hemp nettle and horsetail.

**WATER VOLUME:** Use 50-200 L/ha (5-20 gal/acre) for ground application at 200-275 kPa. Small grains generally require minimum of 50 L/ha with higher rates of 100-150 L/ha (9.0-13.4 gal/acre) for increased crop safety with higher application rates. Use higher rates for grasses and non-cropland uses to provide thorough coverage of weeds. Aerial application uses a minimum of 30 L/ha (3 gal/acre). For spot treatments of weeds such as thistle with a knapsack sprayer mix 230 mL in 10 L water.

**CAUTION:** Avoid spray drift to any sensitive vegetation. Spray during environmental conditions that minimize drift. Do not spray if winds exceed 8 km/hr.

**RAINFEST:** Rainfall within 4 hours will reduce control. Do not spray turfgrass within 24 hours of rainfall or during hot, dry periods.

**TIMING:** When weeds are young and actively growing.

<b>Registered Crops, Rates and Timing (see label for complete list of registered crops)</b>			
Crop	RateCrop Stage		
	L/ha	L/acre	
Wheat, Barley, Spring Rye (not underseeded to legumes)	0.6-0.95	0.24-0.38	4 leaf to early flag leaf (shot blade).
Fall Rye Winter Wheat	0.6-0.95	0.24-0.38	In spring, apply between full tillering and just before the flag leaf stage. <b>DO NOT APPLY IN THE FALL.</b> Do not apply during or after flag leaf stage.
Field Corn	0.46-0.92	0.19-0.37	Apply as an overall spray before the corn is 15 cm tall (leaf extended) and/or before the 6-leaf stage. For later applications (corn 15-75 cm leaf extended) a shielded spray or directed spray with drop pipes is necessary. Keep spray off corn foliage. Do not apply within 2 weeks of silking and tasselling. Avoid cultivation for 2 weeks following spraying. Do not add oil or surfactant.
Grasses for seed forage production: SEEDLING	0.49-0.95	0.2-0.38	For stand establishment, apply from the 3-leaf stage to just before the & shot blade stage. Do not use during flower development or pollination as seed yields may be reduced.
Grasses for seed: ESTABLISHED	0.58-0.95	0.24-0.38	In the spring up to shot blade stage or in the fall after harvest to control annual and biennial broadleaf weeds.
Grasses for forage: ESTABLISHED	0.58-1.95	0.24-0.79	In the spring up to shot blade stage or in the fall after harvest to control annual and biennial broadleaf weeds.
Established pastures & rangeland (without legumes)	1.5-4.0	0.6-1.6	Apply at time of rapid weed growth -- usually May, June and/or September. Apply only after pasture has been grazed or cut and weed growth has resumed.
Turf* (lawns, parks & golf courses)	2.7	1.09	Apply at time of rapid weed growth -- usually May, June and/or September before grasses are in the flag leaf (shot blade) stage. Avoid mowing for several days after application. May apply 2 applications per year excluding spot sprayings.
Stubble land, roadsides and uncropped land	1.5-2.75	0.6 -1.1	Apply at time of rapid weed growth -- usually May, June and/or September. Do not apply to roadsides by air. Do not apply to freshly seeded grasses and pasture until established.
Asparagus (Eastern Canada only)	1.7-2.25	0.69-0.9	Apply early in the spring immediately after a thorough cutting or disking. May also be applied 3 weeks after a post harvest disking as a directed spray avoiding ferns.
Strawberries (Eastern Canada only)	0.95	0.38	Apply 2-4 weeks after planting before runners root in June.
Strawberries Renovation	1.7	0.69	After harvest but before mowing. Delay mowing a few days after application. Do not apply between mid-August and fall dormancy as flower bud development maybe affected.
Raspberries (Eastern Canada only)	0.95	0.38	Apply anytime except during bloom. Avoid spraying new shoots.

\*Do not use on bentgrass or newly seeded turf grasses.

