

DuPont™ Hyvar® X-L

herbicide

Get reliable control in a variety of situations

DuPont™ Hyvar® X-L herbicide provides residual control of many of your toughest annual, perennial and brush species. It's offered as a water-soluble liquid that is mixed in water and applied as a spray to control weeds in non-crop areas and industrial sites:

- **Non-crop areas:** Hyvar® X-L is made specifically for non-crop areas such as utility, industrial, fencerows, railroads, highway rights-of-way, petroleum tank farms, lumber yards and farm storage areas.
- **Bareground:** This product is especially suited for control of brush and hard-to-kill annual/perennial weeds and grasses.
- **Spot treatments:** It also can be applied undiluted or diluted with water to control various species of brush on non-crop sites.

Please note that Hyvar® X-L must not be used in recreational areas or in or around homes.

Use recommendation

Hyvar® X-L can be applied as a preemergence or early post-emergence spray when target species are actively germinating or growing.

Moisture is required for activation. Best results are obtained when the soil is moist at the time of application and rainfall occurs following application.

Signs of control will be slow to appear and may not become apparent until moisture carries the herbicide into the root zone of targeted weeds.

Under pond liners, asphalt and concrete

Hyvar® X-L can be applied under pond liners and under asphalt and concrete such as highway shoulders and median strips, except in California. It should, however, only be used in areas that have been prepared according to good construction practices. Use sufficient water to ensure uniform coverage, generally 100 gallons per acre.

When used in a pond liner application, Hyvar® X-L may be used at rates up to 10 to 12 gallons per acre. At these higher rates, workers may treat a maximum of 10 acres per day.

Targeted brush applications

Hyvar® X-L also can be applied undiluted in spot treatments using a backpack or handgun sprayer — please see "How to Calibrate Your Backpack or Handgun Sprayer." Apply Hyvar® X-L at the rate of 5 to 10 milliliters for every 2 to 4 inches of basal stem diameter. Best results are usually obtained early spring and summer, but in some areas of the Northwest and Midwest applications can be made anytime the soil is not frozen.



Precautions

Tank mixtures of Hyvar® X-L and other herbicides may not be compatible. Read all product labeling before tank mixing.

After mixing, Hyvar® X-L is nonflammable, nonvolatile and noncorrosive to metals, except aluminum. Use with aluminum spray nozzles or equipment is not recommended.

How to calibrate your backpack or handgun sprayer

1. Measure and mark an area that is 10 feet x 100 feet — this equals 1,000 square feet.
2. Spray the 10 foot x 100 foot area using water and time yourself.
3. Spray into a bucket the same amount of time it took you to spray the 10 foot x 100 foot area.
4. Convert quantity of water in the bucket into gallons (128 ounces = 1 gallon).
5. Multiply gallons of water that was sprayed into the bucket times 43.56 and this equals gallons per acre.

EXAMPLE: You have completed steps 1, 2 and 3 and 295 ounces of water was sprayed into the bucket, then divide 295 by 128 and this equals 2.3 gallons, then multiply 2.3 x 43.56 and this equals 100 gallons per acre.

Weeds controlled

DuPont™ Hyvar® X-L effectively controls the following weeds and grasses when applied at the labeled rates shown below:

Annuals		Perennials	Brush species
¾ TO 3 GALLONS PER ACRE		3 TO 6 GALLONS PER ACRE	2¾ TO 6 GALLONS PER ACRE
Bromegrass Cheatgrass Crabgrass Foxtail Lambsquarters Orchardgrass Puncturevine Ragweed Ryegrass Turkey mullein Wild oats	Aster Bahigrass Bluegrass Broomsedge Dandelion Dogfennel Goldenrod Plantain Purpletop Quackgrass Redtop Smooth brome Wild carrot	Cottonwood Elm (American, winged) Hackberry Maple Oak Pine Poplar Redbud Sumac Sweetgum Willow	<i>For brush control, apply Hyvar® X-L from late winter through summer during the period of active growth or prior to this period.</i>
Special uses — applications under pond liners, concrete and asphalt			
Annuals		Perennials	
2¾ TO 4 GALLONS PER ACRE		4 TO 6 GALLONS PER ACRE	
Cheat Crabgrass Downy brome Foxtail Lambsquarters Puncturevine Ragweed Ryegrass Turkey mullein Wild oats		Bahigrass Broomsedge Dandelion Dogfennel Goldenrod Plantain Purpletop Quackgrass Redtop Smooth brome Wild carrot	
		10 TO 12 GALLONS PER ACRE*	
		Bermudagrass Bouncingbet Bracken fern Dallisgrass Dogbane Horsetail Johnsongrass Nutsedge Saltgrass Vaseygrass	

* This use rate is limited to application under pond liners.

For more information

Contact your local distributor, ProTeamSM Applicator or DuPont Land Management representative to learn more about DuPont™ Hyvar® X-L herbicide. And visit us on the Web at hyvarxl.dupont.com.

This reference guide is not intended as a substitute for the product label for the product(s) referenced herein. Product labels for the above product(s) contain important precautions, directions for use and product warranty and liability limitations that must be read before using the product. Applicators must be in possession of the product label(s) at the time of application. Always read and follow all label directions and precautions for use when using any pesticide alone or in tank mix combinations.

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