

Bareground Herbicide Recommendations

Arid states in the western United States

Stronger, longer-lasting bareground weed control



DuPont bareground herbicide programs provide consistent and effective weed-control results for vegetation managers. Prescribed herbicide combinations control target weeds, resistant weed biotypes and potential weed shifts to protect the treated sites from respray situations.

HOW: DuPont programs bring three different herbicide modes of action to defend your site against **undesirable** weeds. Prescribing specific combinations of DuPont™ Karmex® XP, Krovar® I DF, Landmark® XP, Oust® Extra, flumioxazin and sulfentrazone will provide consistent weed-control results. Utilizing the right combination provides longer-lasting control, bringing you the most powerful weed-control program on the market today.

KEY WEEDS CONTROLLED

Use DuPont program combinations to control weeds such as Russian thistle, kochia, marestalk, puncturevine, buckhorn plantain, common mullein, clovers, wild carrot, common groundsel, Canada thistle, crabgrass, filaree, *Bromus* species, ryegrass and foxtails.

PERFORMANCE CONFIDENCE THROUGH DUPONT PERFORMANCE ASSURANCE SOLUTION (PAS)

Vegetation managers need confidence that their selected spray program will perform to a predetermined level of control. Whether you are a new user or a frequent user, you can get a written recommendation for the DuPont program to meet your planning expectations.

The DuPont Performance Assurance Solution (PAS) offering supports your herbicide choice in writing. Products, rates, timing, calibration and a level of control are all outlined for you to achieve unsurpassed weed control. All you have to do is contact your DuPont VM representative or one of our approved VM Service Centers.

TIMING: THE CRITICAL ELEMENT TO PERFORMANCE

For the broadest spectrum of weed control, use tank mixtures targeting problem weeds in your area that coincide with the weather patterns.

- Apply herbicide programs preemergence or as an early postemergence spray when weeds are germinating or actively growing.
 - Add an adjuvant when green weeds are present.
 - Add glyphosate when grasses or high populations of green weeds are present.
- Moisture is required to move the residual herbicide into the root zone of the weeds for preemergent control. Optimum performance is achieved by timing the treatment to the local rainfall conditions.
- In high-rainfall areas and areas with extended growing seasons, higher labeled rates of residual-herbicide programs are needed. High-rainfall conditions may reduce performance and require a second treatment to ensure extended bareground weed control.
- In excessive-rainfall areas found in mountain passes, areas west of the Cascades or other similar areas, late April to early June applications are recommended.
- In drier, arid areas, fall or late-winter applications historically provide more consistent control when drought conditions prevail in the spring. Weed management herbicide programs applied in the fall may need to provide control through 10 to 12 months of variable weather conditions. Use the higher rate range of residual herbicides to aid in providing weed control for this length of time.

NON-CROPLAND SITE RECOMMENDATIONS

Always read and follow all label directions and precautions for use.

GENERAL DUPONT HERBICIDE PROGRAM RECOMMENDATIONS

DuPont™ Krovar® I DF (8 lbs/A) +
DuPont™ Landmark® XP (4.5 oz/A)

- Provides longer-lasting residual control of more weeds than Krovar® alone, with less respray and labor-cost potentials.
- Unsurpassed control of high populations of annuals and certain weeds.
- Use this combination for broad-spectrum weed control of thistles and broadleaf weeds. Target weeds such as kochia, Russian thistle, marestail, puncturevine and thistles.

Krovar® I DF (8-12 lbs/A)

- For more than 30 years, this residual herbicide has been the mainstay for long-lasting weed control. It commonly has been used alone or in tank mixes with other products to restore difficult sites to a level where maintenance programs can be used.
- Controls high populations of problem weeds and grasses such as kochia, Russian thistle, marestail, groundsel, puncturevine and filaree.
- Trees or other desirable plants whose roots extend into the treated areas may be injured.

DuPont™ Karmex® XP (12 lbs/A) +
Landmark® XP (4.5 oz/A)

- A low-cost bareground treatment that allows you to keep your sites clean and your budget under control. This is a lower-level maintenance program.
- It provides the control level of diuron, plus controls some problem weeds diuron misses.
- Controls a wide range of low to moderate populations of annual weeds.

Landmark® XP (4.5 oz/A) +
sulfentrazone (8 oz/A WG
or 12 fl oz/A)

- A new, long-lasting program controlling populations of resistant kochia biotypes.
- Controls marestail, Russian thistle, puncturevine and other key annual weeds.
- Preemergence timing is important. Stable in sunlight.

Landmark® XP (4.5 oz/A) +
flumioxazin (8 oz/A 51% WG)

- A new, preemergent combination controlling low to moderate populations of weeds.
- Pigweed control is good, but Russian thistle control may be unsatisfactory.
- Certain environmental conditions may favor rapid degradation and could reduce residual weed control.

FOR MORE INFORMATION

Detailed and specific information may be obtained by contacting your DuPont VM representative to answer your specific questions. And visit our Web site at vm.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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