



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 two 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 and Westar®. Utilizing the right program combinations provides longer-lasting control, bringing you the most consistent weed-control program on the market today.

KEY WEEDS CONTROLLED

Use DuPont program combinations to control weeds such as annual sowthistle, marestail, pigweed, common ragweed, bahiagrass, barnyardgrass, crabgrass, dallisgrass, vaseygrass, foxtail, itchgrass and johnsongrass.

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 expectation.

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 local rainfall conditions.
- In high-rainfall 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.
- Southern programs may require two to four treatments.
 - The February to April treatment should be a mixture of long-lasting herbicides combined with adjuvants and/or glyphosate.
 - The fall treatments can be a mixture of grass and broadleaf weed controlling products. Selecting a residual product provides greater control results.

NON-CROPLAND SITE RECOMMENDATIONS

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

GENERAL DUPONT HERBICIDE PROGRAM RECOMMENDATIONS

DuPont™ Krovar® I DF (8-10 lbs/A) + DuPont™ Landmark® XP (4.5 oz/A)	<ul style="list-style-type: none">• 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, marestalk, johnsongrass, puncturevine, thistles and grasses.
Krovar® I DF (8-10 lbs/A) + DuPont™ Oust® Extra (4-5.33 oz/A)	<ul style="list-style-type: none">• Provides longer-lasting residual control of more weeds than Krovar® alone, with less respray and labor-cost potentials. Strong foliar activity.• Unsurpassed control of high populations of annuals and certain weeds.• Use this combination for broad-spectrum weed control on vines, brush and broadleaf weeds. Target weeds such as kochia, Russian thistle, marestalk, sprangletop, puncturevine, thistles and grasses.
Krovar® I DF (8-12 lbs/A)	<ul style="list-style-type: none">• 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, marestalk, 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) + Oust® Extra (4-5.33 oz/A)	<ul style="list-style-type: none">• 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 with strong foliar control.• Provides longer-lasting residual control of more weeds than Karmex® alone.• Use this combination for broad-spectrum weed control on vines, brush and broadleaf weeds. Target weeds such as kochia and Russian thistle.
Karmex® XP (12 lbs/A) + Landmark® XP (4.5 oz/A)	<ul style="list-style-type: none">• 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) + flumioxazin (8 oz/A)	<ul style="list-style-type: none">• 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.
DuPont™ Westar® (3-4 lbs/A)	<ul style="list-style-type: none">• A new herbicide that controls grasses such as dallisgrass, vaseygrass, bahiagrass, <i>Paspalum</i> species and broadleaf weeds such as marestalk and pigweed that have escaped initial treatments.• A rescue spray for weed escapes.

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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