

DuPont™ Lineage™ ClearStand™

herbicide

Count on DuPont for effective invasive species control

Invasive species are a growing problem. The harm caused by these plants test land managers' budgets and program results. A new control tool has been developed to provide improved control, curtail the reinvasion of invasive plants and provide a better tool for restoration programs. DuPont™ Lineage™ ClearStand™ herbicide can offer unique benefits to improve your program results by utilizing its chemical properties that are readily translocated throughout the plant.

Introducing Lineage™ ClearStand™

New Lineage™ ClearStand™ is an economical yet effective addition to your land management program. Lineage™ ClearStand™ also makes environmental sense. Used in an IPM program, Lineage™ ClearStand™ has minimal impact on beneficial insects.

Lineage™ ClearStand™ is recognized for its low use rates and low toxicity to mammals, birds, fish and bees when used in accordance with the label. When Lineage™ ClearStand™ is properly applied at 11 ounces per acre or less, it has a zero-day grazing restriction, even for lactating animals. At use rates of 11 to 21 ounces per acre, forage grasses may be cut for hay, fodder or green forage and fed to livestock, including lactating animals, seven days after treatment.

DuPont™ Lineage™ ClearStand™

Registration number: 352-766

Signal Word: Caution

Lineage™ ClearStand™ is not a restricted-use herbicide

Active Ingredients:

Imazapyr + Metsulfuron methyl

Formulation: Dry homogeneous blend formulation – extruded paste (XP)

Packaging: Available in 4-pound and 12-pound containers

Where to use Lineage™ ClearStand™

Lineage™ ClearStand™ can be applied to uncultivated non-agricultural areas, including grazed or hayed areas on those sites within the labeled rate.

Count on Lineage™ ClearStand™ for control of certain weeds and unwanted woody plants on a wide range of sites, including:

- private, public and military lands
- rights-of-way (highway, energy, pipeline)
- non-crop areas and industrial sites
- rangeland, pasture, wildlife management areas
- ditch banks of dry drainage ditches
- marshes, swamps and bogs (after water has receded)
- conifer plantations (release and site preparation)



Refer to the product label for complete directions for use and precautions.

Environmental areas – water related

Lineage™ ClearStand™ may be applied to sites that contain areas of temporary surface water, including drainage ditches, intermittent drainage sites, intermittently flooded low-lying sites, seasonally dry flood plains and transitional areas between upland and lowland sites when no water is present. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high-water mark.

Do not use in the states of California and New York.

The benefits of choosing Lineage™ ClearStand™

- Economical blend of two active ingredients that is rainfast in one hour.
- Replaces Arsenal applications in terrestrial sites.
- Low use rate and low toxicity to mammals, birds, fish and bees when used within label rates.
- The dry homogenous blend has excellent dispersion.
- One Lineage™ ClearStand™ container means less inventory, fewer containers to store, transport and dispose.

- Delivers residual activity which greatly diminishes broadleaf pest reinvasion.
- Ideal tool for site restoration programs, helps remove invasives so desirable vegetation can thrive.

Key species controlled by DuPont™ Lineage™ ClearStand™

New Lineage™ ClearStand™ delivers outstanding control on many difficult plant pest species:

- Controls more than 70 brush species
- Controls 48 different grasses
- Controls more than 160 broadleaf weeds

Application rates and methods

Lineage™ ClearStand™ may be applied using ground or aerial spray equipment:

- Foliar applications, ground or air (helicopter or fixed wing)
- Invert application systems (Invert emulsion)
- Surface treatments (cut stump)
- Spot treatments

For best results, apply using a quality adjuvant. Be sure to calibrate the application equipment to achieve labeled rates per acre and understand all label precautions.

For more information

Visit us on the Web at landmanagement.dupont.com.

Photo Credit: Phil Westra, Colorado State University

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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Key species controlled: See the label for a complete listing of controlled plant pests.

Key invasive brush species controlled:	High volume rate (oz/100 gal)	Broadcast rate (oz/A)
Ailanthus (tree of heaven)	6 -13	6 -13
Alder	25	25
Camelthorn	6 – 13	6 – 19
Elm	6 – 13	6 - 19
Firs	19	13 - 19
Gorse, common	--	3 - 6
Greasewood	--	6 - 13
Locust, black	6 – 13	6 - 19
Melaleuca	25	25
Olive, autumn	25	25
Olive, Russian	25	25
Poison oak	25	25
Privet	25	25
Purple loosestrife	--	6 - 13
Red cedar, Eastern	6 – 13	13 -19
Saltcedar	25	25
Key invasive plants controlled:		
Bindweed, field	--	6 - 13
Climbing fern	--	6 - 13
Knotweed, Japanese	--	25
Kudzu	--	19
Phragmites	--	25
Poison ivy	--	19
Key invasive grasses controlled:		
Arundo donax	--	19
Bermudagrass	--	25
Cogongrass	--	25
Dallisgrass	--	25
Dropseed, sand	--	13
Saltgrass	--	25



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