

Vegetation Management Product Guide



As a leader in vegetation management products, we balance innovation and efficiency to bring you a focused product portfolio that saves time and delivers results
nufarm.com/usivm

IMIDAZOLINONES Proven control for aquatic, forestry, and other uses**Nufarm**
Imazuron™

EPA REG. NO.	228-654
ACTIVE INGR.	imazapyr (7.78%), diuron (62.22%)
FORMULATION	water-dispersible granule
CHEM. FAMILY	imidazolinone, substituted urea
GROUP NO.	2 and 7
SIGNAL WORD	caution
PACKAGE SIZE	10 lb bag (4 per case)



Knockdown and long-term control of a broad range of annual and perennial grasses, broadleaf weeds and vines in bareground areas.

KEY PERFORMANCE BENEFITS

- Provides knockdown and long-term control of a wide range of broadleaf weeds, vines, hardwoods, and grasses
- Excellent long-term control of grasses such as broadleaf signalgrass, Johnsongrass and sand dropseed
- Season-long bareground control

KEY USES

Non-crop areas where bareground is desired, pavement underlay, paved surfaces, utility substations and wellheads

KEY WEEDS CONTROLLED

Bluegrass, crabgrass, foxtail, goldenrod, Kochia, pigweed (see label for complete list)

Nufarm
Polaris®

EPA REG. NO.	228-534
ACTIVE INGR.	imazapyr (28.7%) (2 lb/gal)
FORMULATION	liquid
CHEM. FAMILY	imidazolinone
GROUP NO.	2
SIGNAL WORD	caution
PACKAGE SIZE	2.5 gal container (2 per case), 250 gal tote



The standard choice for rights-of-way and aquatic sites. Superior control of difficult to control weeds, grass and brush. Effective in low-volume applications.

KEY PERFORMANCE BENEFITS

- Highly effective herbicide providing long-term control of unwanted vegetation
- Provides control of various broadleaf weeds, annual and perennial grasses as well as many brush and vine species
- Prevents re-sprouting or germination of labeled weeds and brush in treated areas when used at recommended rates
- A spray adjuvant is required for post control
- Pre- or post-emergent control

KEY USES

Aquatic sites, industrial non-cropland areas, other non-crop areas, vegetation management

KEY WEEDS CONTROLLED

Bull thistle, cattails, cogongrass, kudzu, many hardwood species, pigweed, poison hemlock (see label for complete list)

Nufarm
Polaris AC Complete

EPA REG. NO.	228-570
ACTIVE INGR.	imazapyr (53.1%) (4 lb/gal)
FORMULATION	liquid
CHEM. FAMILY	imidazolinone
GROUP NO.	2
SIGNAL WORD	caution
PACKAGE SIZE	1 qt container (4 per case), 2.5 gal container (2 per case), 15 gal container, 30 gal drum, 250 gal tote



Twice the activity of Nufarm Polaris® Herbicide with the convenience of fewer packages to reduce labor costs. Labeled for rights-of-way, forestry, pasture/rangeland and aquatic areas.

KEY PERFORMANCE BENEFITS

- Superior broad-spectrum control of tough annual and perennial broadleaf weeds and grasses
- All inclusive label—forestry, aquatic, utility rights-of-way
- Concentrated formulation—less product to handle
- Outstanding control on hardwood species
- A spray adjuvant is required for post control
- Pre- or post-emergent control

KEY USES

Aquatic sites, fencerows, forestry sites, industrial non-cropland areas, pasture, rangeland, wildlife openings

KEY WEEDS CONTROLLED

Bull thistle, cordgrass, kudzu, many hardwood species, pigweed, Russian olive, saltcedar (see label for complete list)

Nufarm
Polaris® SP

EPA REG. NO.	228-536
ACTIVE INGR.	imazapyr (27.6%) (2 lb/gal)
FORMULATION	liquid
CHEM. FAMILY	imidazolinone
GROUP NO.	2
SIGNAL WORD	caution
PACKAGE SIZE	2.5 gal container (2 per case), 30 gal drum



Broad-spectrum control, labeled for pasture, rangeland, industrial sites and forestry sites, plus terrestrial basal uses/applications. Special aqueous formulation that is readily mixable with recommended water or oils.

KEY PERFORMANCE BENEFITS

- Highly effective herbicide providing long-term control of a broad spectrum of labeled species
- Will control tough hardwoods like hickory, red oak, red maple and troublesome species like yellow poplar, black gum and sweetgum
- Reduces risk of soil compaction or erosion while lowering fire risk
- Can be applied from full leafout in spring through fall leafdrop
- Basal application addition of basal oil is recommended

KEY USES

Forestry sites, non-irrigation ditchbanks, roadsides, wildlife openings

KEY WEEDS CONTROLLED

Bamboo, bull thistle, elephant grass, kudzu, pigweed, many tough hardwoods like hickory, red oak and red maple (see label for complete list)

RESIDUAL HERBICIDES Longer-lasting control**DiBro® 2+2**

EPA REG. NO.	228-227
ACTIVE INGR.	diuron (2%), bromacil (2%)
FORMULATION	clay-based granule
CHEM. FAMILY	urea, uracils
GROUP NO.	5 and 7
SIGNAL WORD	caution
PACKAGE SIZE	25 lb bag



For use on broadleaf weeds and grasses in industrial areas. DiBro® has been an industry standard for more than twenty years.

KEY PERFORMANCE BENEFITS

- Non-selective soil sterilant
- Reduced dust for excellent spreadability
- Industry standard for years
- Non-corrosive
- Easy-to-open resealable 25 lb bags

KEY USES

Industrial sites, non-crop areas, tank farms and wellheads, utility substations

KEY WEEDS CONTROLLED

Broadleaf weeds and grasses (see label for complete list)

DiBro® 4+2

EPA REG. NO.	228-386
ACTIVE INGR.	diuron (4%), bromacil (2%)
FORMULATION	clay-based granule
CHEM. FAMILY	urea, uracils
GROUP NO.	5 and 7
SIGNAL WORD	caution
PACKAGE SIZE	25 lb bag



Formulated with additional diuron to improve control on species such as Kochia in non-crop and industrial areas. DiBro® has been an industry standard for more than twenty years.

KEY PERFORMANCE BENEFITS

- Better control of resistant and tolerant annual weeds
- Non-flammable, non-corrosive and non-volatile
- Eliminates product mixing
- Easy to use
- Nufarm exclusive formulation

KEY USES

Industrial sites, non-crop areas

KEY WEEDS CONTROLLED

Hard-to-control annual and perennial weeds and grasses (see label for complete list)

SULFONYLUREA Low-dose choice for broad-spectrum control**Spyder®**

EPA REG. NO.	228-408
ACTIVE INGR.	sulfometuron-methyl (75%)
FORMULATION	water-dispersible granule
CHEM. FAMILY	sulfonylurea
GROUP NO.	2
SIGNAL WORD	caution
PACKAGE SIZE	3 lb bag (8 per case)



Pre- and post-emergent activity to control hard-to-kill annual and perennial grasses and broadleaf weeds.

KEY PERFORMANCE BENEFITS

- Controls many annual broadleaf weeds and perennial grasses
- Tank-mix compatible with a wide range of herbicide products
- Excellent, non-volatile formulation

KEY USES

Bareground, forestry sites, non-crop areas

KEY WEEDS CONTROLLED

Chickweed, curly dock, Johnsongrass, ragweed, smooth brome, sowthistle, yellow foxtail (see label for complete list)

Spyder® Extra

EPA REG. NO.	228-690
ACTIVE INGR.	sulfometuron-methyl (56.25%), metsulfuron methyl (15%)
FORMULATION	water-dispersible granule
CHEM. FAMILY	sulfonylurea
GROUP NO.	2
SIGNAL WORD	caution
PACKAGE SIZE	5 lb bag (4 per case)



Foliar and residual control of annual and perennial grasses, broadleaf weeds and sedges in conifer plantations, rights-of-way and non-crop areas.

KEY PERFORMANCE BENEFITS

- Provides broad-spectrum control of annual and perennial grasses and broadleaf weeds
- Offers foliar and residual control for selective applications to non-crop sites
- Low use rates
- WDG formulation
- Excellent tank-mix partner for Vanquish® and Veteran® 720

KEY USES

Bareground, conifer plantations, non-crop areas, rights-of-way, unimproved turf grasses

KEY WEEDS CONTROLLED

Beebalm, chickweed, mallow, pokeweed, ragweed, tansy (see label for complete list)



FLUMIOXAZIN Outstanding weed control

Lock Down® SC

Lock Down™ SC is an excellent tool for resistance management that delivers season-long pre-emergence control of broadleaf and grassy weeds.

EPA REG. NO.	71368-114
ACTIVE INGR.	flumioxazin (41.4%) (4 lb/gal)
FORMULATION	liquid
CHEM.	dicarboxamide
GROUP NO.	14
SIGNAL WORD	caution
PACKAGE SIZE	2.5 gal container (2 per case)



- KEY PERFORMANCE BENEFITS**
- Delivers pre-emergence control of more than 100 tough broadleaf and grassy weeds
 - Excellent choice for glyphosate-, ALS- and triazine-resistant weeds
 - Low use rates make Lock Down SC easy to handle, store, and a convenient tank-mix partner
 - Tank-mix compatible with many herbicides, including glyphosate for post-emergence control

KEY USES
Fencerows, non-crop sites, storage areas, utility rights-of-way

KEY WEEDS CONTROLLED
Carpetweed, chickweed, field pennycress, kochia, pigweed, Russian thistle (see label for complete list)

IMIDAZOLINONES Proven control for aquatic, forestry, and other uses

Nufarm
Imazapic 2 SL
IVM HERBICIDE

Provides lasting, pre- and post-emergence suppression of common grasses and invasive and noxious species like cheatgrass and leafy spurge. Helps establish native grasses and wildflowers.

EPA REG. NO.	71368-118
ACTIVE INGR.	imazapic (23.6%) (2 lb/gal)
FORMULATION	liquid
CHEM. FAMILY	imidazolinones
GROUP NO.	2
SIGNAL WORD	caution
PACKAGE SIZE	1 gal container (4 per case)



- KEY PERFORMANCE BENEFITS**
- Kills plants by inhibiting activity of enzyme acetohydroxy acid synthesis (AHAS or ALS)
 - Long-term control/suppression
 - Can be mixed with other herbicides for additional control in non-crop areas including Polaris®, Vanquish®, Spyder® and Patriot®

KEY USES
Conservation Reserve Program (CRP) land, non-crop areas, pasture, paved surfaces, rangeland

KEY WEEDS CONTROLLED
Bahigrass, crabgrass, cheatgrass, foxtail, Johnsongrass, sandburs, tall fescue, vaseygrass, and other grasses (see label for complete list)

CLETHODIM Control problem grasses in public and industrial areas

Envoy Plus®

HERBICIDE

Envoy Plus® Herbicide is a tool for industrial vegetation managers looking for post-emergence control of grasses such as Johnsongrass, crabgrass and quackgrass in public areas. Envoy Plus takes out the problem grass while leaving non-target plants and trees unaffected.

EPA REG. NO.	59639-132
ACTIVE INGR.	clethodim (12.6%) (0.97 lb/gal)
FORMULATION	liquid
CHEM. FAMILY	cyclohexanedione
GROUP NO.	1
SIGNAL WORD	caution
PACKAGE SIZE	1 gal container (4 per case)



- KEY PERFORMANCE BENEFITS**
- Excellent post-emergence weed control
 - Quickly translocates to take out the entire grass weed
 - Broad-spectrum control of the toughest grasses – Johnsongrass, Bermudagrass, barnyardgrass, crabgrass, foxtails, brome, wild oats, ryegrass and quackgrass
 - Low-use rates for cost effectiveness and convenience
 - No soil carryover

KEY USES
Rights-of-way including, dividers, highways, medians, pipelines, public utility lines, pumping stations, railroads, roads, substations, transformer stations
Airports, commercial buildings, electric utilities, fence lines, manufacturing plants, parkways, post-harvest croplands, rail yards, storage yards

KEY WEEDS CONTROLLED
Annual and perennial grasses (see label for complete list)

PHENOXY Effective and economical control of broadleaf weeds

Scorch® EXT

Powered by Duplosan®

EPA REG. NO.	71368-130
ACTIVE INGR.	dicamba acid (13.85%) (1.33 lb a.e./gal), 2,4-D ester (20.89%) (1.33 lb a.e./gal), Duplosan (41.09%) (dichloroprop-p ester, 2.67 lb a.e./gal)
FORMULATION	liquid
CHEM. FAMILY	phenoxy-carboxylic acid, benzoic acid
GROUP NO.	4
SIGNAL WORD	caution
PACKAGE SIZE	2.5 gal container (2 per case), 265 gal tote



Scorch™ EXT offers three-way power, combining two tried and true chemistries with a new key ingredient – Duplosan™. This unique formulation knocks down kochia, including resistant species plus more than 60 annual and 50 biennial and perennial weeds.

- KEY PERFORMANCE BENEFITS**
- Powered by Duplosan, plus two tried and true chemistries to control the toughest broadleaf weeds – including herbicide-resistant species
 - True systemic control: kills weeds above and below ground
 - Scorch EXT is tank mix compatible with glyphosate including K-salt formulations and other products for increased convenience
 - Ideal herbicide option where glyphosate, 2,4-D, dicamba, and/or fluroxypyr-resistant kochia is a threat

KEY USES
General farmstead
Non-crop areas: utility rights-of-way, highways, fence rows, firebreaks, forests and industrial sites

KEY WEEDS CONTROLLED
ANNUAL: Amaranth, buckwheat, chickweed, cocklebur, fleabane, evening primrose, henbit, Jimsonweed, knotweed spp., kochia
PERENNIAL: Bindweed, chicory, clover, goldenrod, horsenettle, sowthistle, smartweed, thistle, vetch, water primrose (see label for complete list)

Weedar® 64

Weedar® 64 is a low-volatile, premium DMA-4 formulation that offers good mixing and weed penetration of more than 100 hard-to-control weed species that overtake industrial and non-crop areas.

EPA REG. NO.	71368-1
ACTIVE INGR.	2,4-D amine (46.8%) (3.8 lb a.e./gal)
FORMULATION	liquid
CHEM. FAMILY	phenoxy-carboxylic acid
GROUP NO.	4
SIGNAL WORD	danger
PACKAGE SIZE	1 gal container (5 per case), 2.5 gal container (2 per case), 30 gal drum, 265 gal tote



- KEY PERFORMANCE BENEFITS**
- Readily soluble in water and forms a true solution
 - Broad-spectrum broadleaf phenoxy herbicide in a low-volatile formulation
 - Versatile label includes industrial sites, ditches, forested areas and aquatic weed control

KEY USES
Aquatic sites
Non-crop areas: airports, ditches, fencerows, forest site preparation, hedgerows, industrial sites, roadsides, rights-of-way, utility power lines, railroads
Crop: Conservation Reserve Program (CRP) areas, pastures, rangeland

KEY WEEDS CONTROLLED
Bindweed, carpetweed, goldenrod, nettle, pigweed, thistle (see label for complete list)

Weedar® XHL

Weedar XHL is an 2,4-D amine formulated with Nufarm's patented DMA+MMA salt, providing the active ingredient concentration to treat 37% more acres with every gallon versus traditional 2,4-D amines.

EPA REG. NO.	71368-140
ACTIVE INGR.	dual salt 2,4-D (6.0 lb a.e./gal)
FORMULATION	soluble liquid (SL)
CHEM. FAMILY	phenoxy-carboxylic acid
GROUP NO.	4
SIGNAL WORD	danger
PACKAGE SIZE	2.5 gal container (2 per case), 30 gal drum, 265 gal tote, bulk



- KEY PERFORMANCE BENEFITS**
- Less volatility than esters and comparable to Enlist One®, Freelexx® and Embed®
 - Low odor (compared to other amine 2,4-D products)
 - Excellent formulation stability, even at low temperatures, ideal for a wider geography than traditional amines
 - Excellent tank mixing compatibility with a wide range of products including K-salt forms of glyphosate

KEY USES
Forestry, Rangeland and Established Grass Pastures, All Fallow Systems & Sites, C.R.P. Land, Non-Crop sites (incl. Drainage ditches, Fence rows, Rights-of-Way.)

KEY WEEDS CONTROLLED
Lambsquarter (common), morningglory, mustards, pigweeds, prickly lettuce, ragweed (common), sowthistle, wild carrot (see label for complete list)

A selective, post-emerge herbicide that provides long-lasting control of a broad spectrum of annual, biennial and perennial broadleaf weeds.

WeedMaster®

EPA REG. NO.	71368-34
ACTIVE INGR.	dicamba amine (12.4%) (1.0 lb a.e./gal) 2,4-D amine (35.7%) (2.87 lb a.e./gal)
FORMULATION	liquid
CHEM. FAMILY	benzoic acids, phenoxy-carboxylic acid
GROUP NO.	4
SIGNAL WORD	danger
PACKAGE SIZE	1 gal container (5 per case), 2.5 gal container (2 per case), 30 gal drum, 265 gal tote, bulk



- KEY PERFORMANCE BENEFITS**
- Dependable broad-spectrum control of annual and perennial broadleaf weeds
 - Flexible application options
 - Excellent tank-mix partner
 - Can improve yield or forage quality by preventing competition from weeds

KEY USES
Conservation Reserve Program (CRP) land, non-crop areas, pasture, rangeland

KEY WEEDS CONTROLLED
Broomweed, buckeye, chickweed, mustards, ragwort, thistle (see label for complete list)

WeedMaster® XHL

EPA REG. NO.	71368-139
ACTIVE INGR.	dual salt 2,4-D (36.8%) + DGA dicamba (12.3%)
FORMULATION	soluble liquid
CHEM. FAMILY	phenoxy-carboxylic acid
GROUP NO.	4
SIGNAL WORD	danger
PACKAGE SIZE	2.5 gal container (2 per case), 30 gal drum, 250 gal tote, bulk



WeedMaster® XHL is an innovative premix powered by Nufarm's patented Dual Salt Technology™ with a unique combination of 2,4-D (DMA + MMA salts) and DGA dicamba. It controls more than 90+ types or annual/perennial broadleaf weed species.

KEY PERFORMANCE BENEFITS

- Industry-leading 2,4-D concentrate plus DGA dicamba requires 20% less product per acre, covering more ground with lower storage and transport costs
- Less volatile DGA dicamba Dual Salt 2,4-D premix alleviating off target concerns plus low odor for improved handling making it more user friendly
- Reliable formulation stability, including at low temperatures
- Excellent tank mixing compatibility with a range of partner products

KEY USES

Conservation Reserve Program (CRP) land, fallow, general farmstead, grass (hay or silage), pasture, ragweed, rangeland, thistle

KEY WEEDS CONTROLLED

Cocklebur, lambsquarters, mare's tail, nightshade, pigweed, shepherd's purse, including glyphosate- and ALS-resistant species. (see label for complete list)

Weedone® LV4 EC

EPA REG. NO.	228-139-71368
ACTIVE INGR.	2,4-D ester (67.2%) (3.8 lb ae/gal)
FORMULATION	liquid
CHEM. FAMILY	phenoxy-carboxylic acid
GROUP NO.	4
SIGNAL WORD	caution
PACKAGE SIZE	2.5 gal container (2 per case), 30 gal drum, 265 gal tote, bulk



Weedone® LV4 was the first low volatile 2,4-D ester on the market. High quality emulsifiers promote good mixing with all grades of liquid fertilizer and provides fast penetration on hard-to-control species.

KEY PERFORMANCE BENEFITS

- Broad-spectrum control of broadleaf weeds and brush species
- Excellent tank-mix partner
- Offers quick burndown when tank-mixed with Diablo® and provides superior kochia control

KEY USES

Conservation Reserve Program (CRP) land, forest management, non-crop areas

KEY WEEDS CONTROLLED

Bindweed, marshelder, musk thistle, nettle, tansy ragwort (see label for complete list)

Weedone® LV4 Solventless

EPA REG. NO.	71368-14
ACTIVE INGR.	2,4-D ester (62.6%) (3.8 lb/gal)
FORMULATION	liquid
CHEM. FAMILY	phenoxy-carboxylic acid
GROUP NO.	4
SIGNAL WORD	caution
PACKAGE SIZE	2.5 gal container (2 per case), 30 gal drum, 250 gal tote



Weedone® LV4 Solventless uses high-quality emulsifiers and surfactants to replace the solvent base. This low-odor formulation mixes well with most liquid fertilizers and is an excellent choice for burndown applications. A solventless formation reduces the chance of injury to host crops and easily washes from containers and spray equipment.

KEY PERFORMANCE BENEFITS

- Contains no solvents, solvents are replaced with high-quality emulsifiers and surfactants
- Low-odor formulation
- Facilitates easier cleaning than other phenoxy herbicides

KEY USES

Grasses for seed production, pastures and rangelands, turf areas, non-crop areas, fallowland, forest management

KEY WEEDS CONTROLLED

Bull thistle, dandelion, marshelder, pigweed (see label for complete list)

Weedone® LV6 EC

EPA REG. NO.	71368-11
ACTIVE INGR.	2,4-D ester (87.3%) (5.5 lb/gal)
FORMULATION	liquid
CHEM. FAMILY	phenoxy-carboxylic acid
GROUP NO.	4
SIGNAL WORD	caution
PACKAGE SIZE	2.5 gal container (2 per case), 30 gal drum



This low-volume formulation offers easy handling and storing and is ideal for aerial and custom applications. Mixes well with liquid fertilizers and can also be tank-mixed with water and oil to control tough perennial broadleaf weeds and brush.

KEY PERFORMANCE BENEFITS

- Low-volatile formulation mixes well with liquid fertilizers
- Ideal for aerial application utilizing less product
- Highest acid concentration, allows for efficient shipping and storage
- Can be tank-mixed with a broad spectrum of herbicides for enhanced control of many species

KEY USES

Forest management, industrial sites, non-crop areas, pasture, rangeland

KEY WEEDS CONTROLLED

Alfalfa, bull thistle, dandelion, knotweed, pigweed (see label for complete list)

DIPHENYL ETHERS Target weeds with proven post-emerge activity and lasting pre-emerge residual

Goal® 2XL

EPA REG. NO.	92894-2-71368
ACTIVE INGR.	oxyfluorfen (22.3%) (2 lb/gal)
FORMULATION	liquid
CHEM. FAMILY	diphenyl ethers
GROUP NO.	14
SIGNAL WORD	warning
PACKAGE SIZE	2.5 gal container (2 per case), 30 gal drum



Goal® 2XL gives you “extra long” control, up to 8 months, on dozens of broadleaf weeds and grasses, making it a proven winner in your residual herbicide program. Goal 2XL works by delivering both contact pre- and post-emergence control.

KEY PERFORMANCE BENEFITS

- Wide range of labeled use sites and application timings
- Gold standard weed control with proven staying power, up to 8 months
- Excellent tank-mix partner
- User-friendly emulsifiable concentrate herbicide
- Forms a chemical barrier on the soil surface and affects weed plants through direct contact at emergence

KEY USES

Highway and utility rights-of-way, roadways, industrial sites, tank farms, storage areas, airports, fencerows, levee banks (use only on the side of levee away from water channels) and farmsteads

KEY WEEDS CONTROLLED

Groundsel (common), henbit, knotweed (prostrate), lambsquarters (common), cheeseweed (malva), pigweed (redroot), sowthistle (annual) (see label for complete list)

GoalTender®

EPA REG. NO.	92894-3-71368
ACTIVE INGR.	oxyfluorfen (41%) (4 lbs/gal)
FORMULATION	liquid
CHEM. FAMILY	diphenyl ethers
GROUP NO.	14
SIGNAL WORD	caution
PACKAGE SIZE	1 gal (4 per case)



GoalTender® is a water-based formulation that holds well to soil and performs at lower rates with less environmental load. It delivers broadleaf weed burndown and lasting pre-emerge activity on broadleaves and grasses, making it ideal for residual herbicide programs.

KEY PERFORMANCE BENEFITS

- Wide range of labeled use sites and application timings
- Gold standard weed control with proven staying power, up to 8 months
- Excellent tank-mix partner
- Holds well to soil with low volatility
- Forms a chemical barrier on the soil surface and affects weed plants through direct contact at emergence

KEY USES

Highway and utility rights-of-way, roadways, industrial sites, tank farms, storage areas, airports, fencerows, levee banks (use only on the side of levee away from water channels) and farmsteads

KEY WEEDS CONTROLLED

Groundsel (common), henbit, knotweed (prostrate), lambsquarters (common), cheeseweed (malva), pigweed (redroot), sowthistle (annual) (see label for complete list)

DICAMBA Versatile, economical tool for broadleaf control in multiple sites

Clash®

EPA REG. NO.	228-615
ACTIVE INGR.	dicamba DGA salt (56.8%) (4 lb/gal)
FORMULATION	liquid
CHEM. FAMILY	benzoic acids
GROUP NO.	4
SIGNAL WORD	caution
PACKAGE SIZE	2.5 gal container (2 per case), 265 gal tote



Clash™ controls difficult ALS-, glyphosate- and triazine-resistant annual weeds in addition to a broad spectrum of perennial and biennial weeds. Plus, Clash offers early application and residual control.

KEY PERFORMANCE BENEFITS

- Controls a broad spectrum of annual and perennial broadleaf weeds
- Ideal solution for ALS- and triazine-resistant weeds
- Flexible application timing: preplant burndown, pre- and post-emergence
- Offers a wide application window

KEY USES

Non-crop areas: Conservation Reserve Program (CRP) land, fallowlands, general farmstead, grass grown for seed, hay, lawns, pasture, rangeland

KEY WEEDS CONTROLLED

ANNUALS: Amaranth, carpetweed, evening primrose, kochia, lambsquarters, mare's tail, morningglory, nightshade, pennycress, pigweed, ragweed, shepherd's-purse, thistle, waterhemp, BIENNIALS & PERENNIALS: fern, garlic, horsenettle, ivy, knapweed, milkweed, nettle, nightshade, plantain, ragweed, sowthistle (see label for complete list)

Diablo®

EPA REG. NO.	228-379
ACTIVE INGR.	dicamba DMA salt (49.41%) (4 lb/gal)
FORMULATION	liquid
CHEM. FAMILY	benzoic acids
GROUP NO.	4
SIGNAL WORD	caution
PACKAGE SIZE	2.5 gal container (2 per case), 30 gal drum, 250 gal tote



Offers extensive control of brush, vines and broadleaf weeds in non-crop areas.

KEY PERFORMANCE BENEFITS

- Systemic product with residual soil activity
- Non-toxic to microorganisms
- Tank-mix compatible with many other herbicides
- Noxious weed and brush control

KEY USES

Non-crop areas, pasture, rangeland

KEY WEEDS CONTROLLED

Chickweed, knapweed, kochia, milkweed, Russian thistle (see label for complete list)

Candor™

EPA REG. NO.	228-565
ACTIVE INGR.	triclopyr ester (16.5%) (1 lb/gal), 2,4-D ester (34.4%) (2 lb ae/gal)
FORMULATION	liquid
CHEM. FAMILY	pyridine and phenoxy carboxylic acid
GROUP NO.	4
SIGNAL WORD	caution
PACKAGE SIZE	2.5 gal container (2 per case)



An effective low-volatile Ester formulation that controls many unwanted trees, brush, annual and perennial broadleaf weeds without harming desirable grasses.

KEY PERFORMANCE BENEFITS

- Controls more than 100 tough annual and perennial broadleaf weeds and woody plants
- May be combined with liquid nitrogen fertilizer
- No grazing restrictions for most livestock, including cattle, horses, sheep and goats
- Rainfast in 2 hours

KEY USES

Conservation Reserve Program (CRP) land, fencerows, industrial sites, pasture, rangeland

KEY WEEDS CONTROLLED

Tough annual and perennial broadleaf weeds, woody plants and brush including blackberries and poison ivy (see label for complete list)

Clean Slate®

EPA REG. NO.	228-491
ACTIVE INGR.	clopyralid amine (40.9%) (3 lb/gal)
FORMULATION	liquid
CHEM. FAMILY	pyridine
GROUP NO.	4
SIGNAL WORD	caution
PACKAGE SIZE	64 fl oz bottle (4 per case), 2.5 gal container (2 per case), 250 gal tote



Post-emergent control of difficult weeds including kudzu and thistle. Can be applied to conifer, hardwood and established grasses for maximum flexibility.

KEY PERFORMANCE BENEFITS

- Post-emergent control of tough weeds including knapweed, ragweed, mimosa, redbud, locust, mesquite and others
- Ideal for forestry applications including conifer and hardwood plantations
- Rainfast in 2 hours
- Excellent tank-mix partner
- Outstanding residual control
- Broad range of selectivity on pasture, hardwoods and conifers

KEY USES

Forestry management, industrial sites, non-cropland areas, pasture, rangeland, wildlife openings

KEY WEEDS CONTROLLED

Knapweed, kudzu, locust, mesquite, mimosa, ragweed, redbud, thistle (see label for complete list)

Relegate®

EPA REG. NO.	228-521
ACTIVE INGR.	triclopyr ester (61.6%) (4 lbs/gal)
FORMULATION	liquid
CHEM. FAMILY	pyridine
GROUP NO.	4
SIGNAL WORD	caution
PACKAGE SIZE	2.5 gal container (2 per case)



Long-lasting brush control specifically designed for range and pasture with safety to grasses. This versatile formulation may be applied in water or an oil-water emulsion.

KEY PERFORMANCE BENEFITS

- Controls broadleaves while having little effect on desirable grasses
- Controls a wide variety of woody species, vines and broadleaf weeds
- Can be used for basal applications, cut stump treatments and labeled for aerial applications
- Tank-mix compatible with a broad range of products including liquid nitrogen

KEY USES

Conservation Reserve Program (CRP) land, forestry sites, non-irrigation ditchbanks, pasture, rangeland

KEY WEEDS CONTROLLED

Boxelder, kudzu, oaks, sweet gum, trumpet creeper (see label for complete list)

Tahoe® 3A

EPA REG. NO.	228-520
ACTIVE INGR.	triclopyr amine (44.4%) (3 lbs/gal)
FORMULATION	liquid
CHEM. FAMILY	pyridine
GROUP NO.	4
SIGNAL WORD	danger
PACKAGE SIZE	2.5 gal container (2 per case), 30 gal drum



Provides control of a broad spectrum of woody plants and broadleaf weeds while leaving surrounding desirable grasses unaffected. Labeled for terrestrial and aquatic use sites.

KEY PERFORMANCE BENEFITS

- Controls more than 50 woody plant species plus many tough broadleaf and aquatic weeds
- Low phytotoxicity to grasses and low soil activity
- Broad range of labeled use sites
- Labeled for terrestrial and aquatic use sites

KEY USES

Christmas tree plantations, forestry sites, industrial non-crop land, wetland sites, other non-crop areas

KEY WEEDS CONTROLLED

Alder, black gum, Brazilian pepper, chicory, ragweed, sycamore, wax myrtle, wild lettuce (see label for complete list)

Patriot®

EPA REG. NO.	228-391
ACTIVE INGR.	metsulfuron methyl (60%)
FORMULATION	water-dispersible granule
CHEM. FAMILY	sulfonylurea
GROUP NO.	2
SIGNAL WORD	caution
PACKAGE SIZE	8 oz bag (8 per case), 16 oz bag (8 per case), 12 lb jug (2 per case)



Effective, proven control of many annual and perennial weeds and woody plants in Conservation Reserve Programs, non-crop areas and forestry sites, and range and pasture.

KEY PERFORMANCE BENEFITS

- Effective control of noxious and troublesome weeds, especially for spot treatments
- Low use rates, gentle on environment
- No grazing restrictions for any livestock at certain application rates
- Broad-spectrum control
- Increases control of hard-to-control weeds when added with WeedMaster®
- Labeled for aerial applications

KEY USES

Forestry sites, industrial sites, non-crop areas, pasture, rangeland

KEY WEEDS CONTROLLED

Black henbane, bull thistle, Canada thistle (suppression), clover, locoweed, mare's tail, thistle (see label for complete list)

Purestand® MAX

EPA REG. NO.	228-753
ACTIVE INGR.	metsulfuron (15.0%) + sulfosulfuron (60%)
FORMULATION	water-dispersible granular
CHEM. FAMILY	N-sulfonylurea
GROUP NO.	2
SIGNAL WORD	caution
PACKAGE SIZE	16 oz bag, 12 per case (6.5 - 20 treated acres per bottle)



With a unique combination of two powerful active ingredients, Purestand® MAX is a selective post-emergent herbicide designed specifically for bermudagrass pastures.

KEY PERFORMANCE BENEFITS

- Selective, systemic herbicide with field proven safety to established bermudagrass
- No grazing restrictions – grazing can commence immediately after application
- No grazing restrictions for any livestock at certain application rates
- Controls or suppresses over 80 species of grass and broadleaf weeds
- Excellent tank-mix compatibility with a wide range of other herbicides

KEY USES

Bermudagrass pastures, pasture and rangeland sites west of the Mississippi river

KEY WEEDS CONTROLLED

Johnsongrass*, mare's tail, nutsedge (purple, yellow), thistle (Canada*, **, musk**, Russian**) (see label for complete list)

*Suppression or partial control, repeat applications may be necessary

**See specific direction for special weed problems

E-2

EPA REG. NO.	228-442
ACTIVE INGR.	2,4-D amine (39.53%) (3.2 lb ae/gal), dicamba acid (4.1%) (0.4 lb ae/gal), fluroxypyr ester (5.9%) (0.4 lb ae/gal)
FORMULATION	liquid
CHEM. FAMILY	phenoxyaliphatic acid, benzoic acid, pyridine
GROUP NO.	4
SIGNAL WORD	warning
PACKAGE SIZE	1 gal container (5 per case), 2.5 gal container (2 per case), 250 gal tote



The Nufarm IVM Range & Pasture flagship product, E-2 controls 240 labeled species. When tank-mixed with a bareground or soft residual partner, it can provide season-long control of resistant species such as kochia and horsetail.

KEY PERFORMANCE BENEFITS

- Offers the power of three proven herbicides in one convenient pre-mixed formulation
- Low-odor formulation
- Can be used for selective weed control in desirable grasses, and also as a tank-mix partner with products like ProClipse™ for cleaning up emerged weeds or establishing bareground areas

KEY USES

Conservation Reserve Program (CRP) land, industrial sites, non-crop areas, pasture, public utility areas, rangeland, recreational areas, rights-of-way

KEY WEEDS CONTROLLED

Broadleaf weeds (see label for complete list)

Veteran® 720

EPA REG. NO.	228-295
ACTIVE INGR.	2,4-D amine (24.58%) (1.9 lb ae/gal), dicamba amine (12.82%) (1.0 lb ae/gal)
FORMULATION	liquid
CHEM. FAMILY	phenoxy, benzoic acid
GROUP NO.	4
SIGNAL WORD	danger
PACKAGE SIZE	2.5 gal container (2 per case), 220 gal tote



Specially formulated to mix well, Veteran® 720 provides great results in hard water and as an invert emulsion. Controls a broad spectrum of woody plants, brush and hard-to-control broadleaf weeds.

KEY PERFORMANCE BENEFITS

- Dual action formulation provides excellent brush, vine and broadleaf weed control
- Ideal product for Chemical Weed Mowing
- Comprehensive weed management and thistle control
- Selective weed control – tolerant to native grasses
- Tank-mix compatible with Patriot® and other herbicides for comprehensive weed management

KEY USES

Industrial sites, non-crop areas, non-irrigation ditchbanks, pasture, rangeland, rights-of-way, utility line control

KEY WEEDS CONTROLLED

Beech, multiflora rose, musk thistle, pigweed, puncturevine, ragweed, sagebrush, wax myrtle (see label for complete list)



PREMIUM MIXTURES Convenience and power in one package

AquaSweep®

EPA REG. NO.	228-316
ACTIVE INGR.	2,4-D amine (34.2%) (2.78 lb ae/gal), triclopyr amine (15.2%) (1.07 lb ae/gal)
FORMULATION	liquid
CHEM. FAMILY	phenoxy, pyridine
GROUP NO.	4
SIGNAL WORD	danger
PACKAGE SIZE	2.5 gal container (2 per case), 15 gal drum



The first combination liquid formulation labeled for terrestrial and aquatic uses. Controls invasive and noxious weeds from the top of the mountain to the bottom of the river including wetlands as well as rangeland and pasture.

KEY PERFORMANCE BENEFITS

- Full terrestrial and aquatic use
- Broad-spectrum control of broadleaf weeds, trees and brush
- Control of emergent, floating and submerged aquatic weeds
- Peace-of-mind during selective weeding applications that are interspersed with aquatic and wetland areas
- Selectivity for grasses, allowing excellent recolonization

KEY USES

Aquatic sites, municipalities and utility sites, non-irrigation ditchbanks, non-crop areas, pasture, rangeland

KEY WEEDS CONTROLLED

Alligator weed, cottonwood, poison ivy and oak, Russian olive, sericia lespedeza, trumpet creeper, water hyacinth
[\(see label for complete list\)](#)

NON-SELECTIVE CONTROL Proven solutions for non-selective aquatic weed takedown

AquaNeat®

EPA REG. NO.	228-365
ACTIVE INGR.	glyphosate (53.8%)
FORMULATION	liquid
CHEM. FAMILY	glycine
GROUP NO.	9
SIGNAL WORD	caution
PACKAGE SIZE	2.5 gal container (2 per case), 30 gal drum, 250 gal tote



AquaNeat® Herbicide delivers non-selective control to nearly 200 species of emerged weeds, including a wide range of broadleaf weeds, sedges and annual and perennial grasses, in and around flowing or stagnant fresh and estuaries or brackish water.

KEY PERFORMANCE BENEFITS

- Excellent control of cattail, willow, johnsongrass, and phragmites
- Non-volatile
- Perfect for use in flowing, non-flowing or transient bodies of water
- Can be used in wildlife restoration and management areas

KEY USES

Aquatic sites, industrial and public areas, wildlife habitat restoration and management areas

KEY WEEDS CONTROLLED

Cattails, johnsongrass, phragmites, willow
[\(see label for complete list\)](#)

Nufarm Diquat SPC 2L

EPA REG. NO.	228-675
ACTIVE INGR.	diquat dibromide (37.3%) (2 lb/gal)
FORMULATION	liquid
CHEM. FAMILY	bipyridilium
GROUP NO.	22
SIGNAL WORD	caution
PACKAGE SIZE	1 gal container (4 per case), 2.5 gal container (2 per case), 250 gal drum



Outstanding broad-spectrum control of aquatic weeds. Diquat SPC 2L can be used to control glyphosate resistant weeds.

KEY PERFORMANCE BENEFITS

- Works quickly—no waiting for aquatic weed control
- Broad-spectrum control of key aquatic weeds
- Non-systemic, contact activity
- Easy-to-use liquid formulation makes application trouble-free
- No concern with groundwater contamination
- No swimming or fishing restrictions
- Aquatic surfactant required

KEY USES

Aquatic sites

KEY WEEDS CONTROLLED

Cattails, hydrillas, pennywort, pondweeds, water lettuce, watermilfoils
[\(see label for complete list\)](#)



AQUATIC WEED SOLUTIONS, CLEAR RESULTS.

Look to Nufarm for all your aquatic weed control needs. Our portfolio offers solutions for nearly any aquatic weed challenge.

SELECTIVE HERBICIDES

AquaSweep® •
Tahoe® 3A • Weedar® 64

NON-SELECTIVE HERBICIDES

AquaNeat® • Nufarm Diquat SPC 2L
Polaris® • Polaris® AC Complete



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