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/uscrop
THE FAST ATTACK ON AQUATIC WEEDS.

Depth Charge™ delivers fast control of tough aquatic plants. Uniquely formulated with 2,4-D acid and flumioxazin, it delivers quicker uptake and greater initial visibility for submerged applications. With two modes of action, it is a great resistance management tool.

LEARN MORE IN THE AQUATIC HERBICIDES SECTION OF THIS GUIDE.
**GLUFOSINATE** Control troublesome weeds

**Cheetah**

EPA REG. NO. 71368-112
ACTIVE INGR. glufosinate ammonium (24.5%)
FORMULATION liquid
CHEM. FAMILY phosphonic acid
GROUP NO. 10
SIGNAL WORD warning
PACKAGE SIZE 2.5 gal container (2 per case), 265 gal tote, bulk

Cheetah® utilizes a novel mode of action to better protect your high-value TNVV crops from weed competition including triazine, ALS, and glyphosate resistant weeds. This fast, effective, non-selective herbicide will let you focus more on profitability and less on weeds.

**KEY PERFORMANCE BENEFITS**
- Fast, effective, non-selective control of tough grass, sedge, and broadleaf weeds
- Best glyphosate alternative, offering broad-spectrum weed control
- For extended residual, tank-mix with Lock Down™ SC

**KEY USES**
Forestry sites, habitat management, industrial sites, non-crop areas, rights-of-way

**KEY WEEDS CONTROLLED**
Chickweed, clover, crabgrass, dandelion, fleabane, foxtail, henbit, junglerice, kochia, lambquarters, mallow, malva, marestail, morningglory, nutseed, purslane, ragweed, ryegrass, spurge, velit, woodsorrel (see label for complete list)

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**IMIDAZOLINONES** Proven control for aquatic, forestry, and other uses

**Nufarm Imazuron™**

EPA REG. NO. 228-654
ACTIVE INGR. imazapryr (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)

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**Nufarm Polaris™**

EPA REG. NO. 228-534
ACTIVE INGR. imazapry (28.7%)
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)
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-crop and pasture areas, rangeland, wildlife openings

**KEY WEEDS CONTROLLED**
- Bull thistle, cordgrass, kudzu, many tough hardwood species, pigweed, Russian olive, saltcedar (see label for complete list)

**RESIDUAL HERBICIDES** Longer-lasting control

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)
**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)

**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)

**NOTES**

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**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)

**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)

**NOTES**
FLUMIOXAZIN  Outstanding weed control

Lock Down™ SC

EPA REG. NO.  71368-114
ACTIVE INGR.  flumioxazin (33.5%), pyroxasulfone (42.5%)
FORMULATION  water-dispersible granule
CHEM. FAMILY  dicarboximide herbicide, pyroxasulfone, isoxazoline herbicide
GROUP NO.  14 and 15
SIGNAL WORD  caution
PACKAGE SIZE  3.75 lb bottle (4 per case)

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

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
- Barnyardgrass, dandelion, hairy indigo, lamb's-ear, Palmer amaranth, Kochia, marestail, Palmer amaranth, pigweed, puncturevine, Russian thistle, shepherd's-purse, velvetleaf (see label for complete list)

When it comes to keeping railways, roadways and utility grounds manageable and weed-free, Payload Herbicide succeeds. Payload Herbicide delivers long-lasting, broad-spectrum control and even halts herbicide-resistant weeds.

Payload® HERBICIDE

EPA REG. NO.  59639-120
ACTIVE INGR.  flumioxazin (51%)
FORMULATION  water-dispersible granule
CHEM. FAMILY  dicarboximide herbicide
GROUP NO.  14
SIGNAL WORD  caution
PACKAGE SIZE  12 lb bag (2 per case), 25 lb bag

KEY PERFORMANCE BENEFITS
- Pre-emergence, broadleaf and grass herbicide for bareground uses
- Controls weeds resistant to glyphosate, triazine, ALS and synthetic auxin herbicides
- Low use rates (ounces vs. pounds) = easy to use and store
- Excellent tank-mix partner and backbone of a strong weed resistance management program

KEY USES
- Non-crop areas where bareground is desired

KEY WEEDS CONTROLLED
- Canada thistle, henbit, Kochia, lambsquarters, pigweed, puncturevine, Russian thistle (see label for complete list)

Piper® Herbicide provides an excellent tool for DOT managers and others to selectively control Italian ryegrass and other winter annual weeds on unimproved roadides. Piper Herbicide also releases desirable Bermudagrass and bahiagrass, which in turn reduces soil erosion.

Piper® HERBICIDE

EPA REG. NO.  59639-193
ACTIVE INGR.  flumioxazin (33.5%), pyroxasulfone (42.5%)
FORMULATION  water-dispersible granule
CHEM. FAMILY  dicarboximide herbicide, pyroxasulfone, isoxazoline herbicide
GROUP NO.  14 and 15
SIGNAL WORD  caution
PACKAGE SIZE  3.75 lb bottle (4 per case)

Piper® Herbicide provides an excellent tool for DOT managers and others to selectively control Italian ryegrass and other winter annual weeds on unimproved roadides. Piper Herbicide also releases desirable Bermudagrass and bahiagrass, which in turn reduces soil erosion.

KEY PERFORMANCE BENEFITS
- Controls Italian ryegrass and other winter annual weeds
- Releases desirable Bermudagrass and bahiagrass, reduces soil erosion
- Improves resistance management: two modes of action to help control ALS-resistant Italian ryegrass
- Wide application window, long-lasting pre-emergence and early post-emergence control

KEY USES
- Hard-to-control weeds in unimproved roadsides and non-crop areas where bareground is desired

KEY WEEDS CONTROLLED
- Barnyardgrass, dandelion, hairy indigo, lamb's-ear, Palmer amaranth, pigweed, puncturevine, Russian thistle, shepherd's-purse, velvetleaf (see label for complete list)
**Nufarm Imazapic 2 SL**

**IM HERBICIDE**

<table>
<thead>
<tr>
<th>EPA REG. NO.</th>
<th>71368-118</th>
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<tbody>
<tr>
<td>ACTIVE INGR.</td>
<td>imazapic (23.6%)</td>
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<tr>
<td>FORMULATION</td>
<td>liquid</td>
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<tr>
<td>CHEM. FAMILY</td>
<td>imidazolinones</td>
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<tr>
<td>GROUP NO.</td>
<td>2</td>
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<tr>
<td>SIGNAL WORD</td>
<td>caution</td>
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<tr>
<td>PACKAGE SIZE</td>
<td>1 gal container (4 per case)</td>
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</tbody>
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**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**
- Bahiagrass, crabgrass, cheatgrass, foxtail, Johnsongrass, sandburs, tall fescue, voseygrass, and other grasses (see label for complete list)

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**Envoy Plus® HERBICIDE**

**EPA REG. NO.** 59639-132

**ACTIVE INGR.** clethodim (12.6%)

**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)

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**Weedar® 64**

**EPA REG. NO.** 71368-1

**ACTIVE INGR.** 2,4-D amine (46.8%)

**FORMULATION** liquid

**CHEM. FAMILY** phenoxyacetic 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, railroad, Crop: Conservation Reserve Program (CRP) areas, pastures, rangeland

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

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**WeedMaster®**

**EPA REG. NO.** 71368-34

**ACTIVE INGR.** dicamba amine (12.4%), 2,4-D amine (35.7%)

**FORMULATION** liquid

**CHEM. FAMILY** benzoic acids, phenoxyacetic 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, mustard, ragwort, thistle (see label for complete list)
**Weedone® LV4 EC**

EPA REG. NO. 228-139-71368

ACTIVE INGR. 2,4-D ester (87.2%)

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)

**NOTES**

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**Weedone® LV4 Solventless**

EPA REG. NO. 71368-14

ACTIVE INGR. 2,4-D ester (62.6%)

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 formulation 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, fallow land, forest management

**KEY WEEDS CONTROLLED**
Bull thistle, dandelion, marshelder, pigweed

(see label for complete list)

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**Weedone® LV6 EC**

EPA REG. NO. 71368-11

ACTIVE INGR. 2,4-D ester (67.2%)

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)

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**NOTES**

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**Diablo®**

- **EPA REG. NO.** 228-379
- **ACTIVE INGR.** triclopyr ester (16.5%), 2,4-D ester (34.4%)
- **FORMULATION** liquid
- **CHEM. FAMILY** pyridine and phenoxy carboxylic acid
- **GROUP NO.** 4
- **SIGNAL WORD** caution
- **PACKAGE SIZE**
  - 2.5 gal container (2 per case)
  - 30 gal drum, 250 gal tote

**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**
- Non-crop areas, pasture, rangeland

**KEY WEEDS CONTROLLED**
- Blackberries, poison ivy (see label for complete list)

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**Riverdale Vanquish™**

- **EPA REG. NO.** 228-397
- **ACTIVE INGR.** clopyralid amine (40.9%)
- **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)

**KEY PERFORMANCE BENEFITS**
- Systemic product with residual soil activity
- Non-toxic to microorganisms
- Tank-mix compatible with many other herbicides
- Naxous weed and brush control

**KEY USES**
- Forest site preparation, non-crop areas, rights-of-way, utility sites

**KEY WEEDS CONTROLLED**
- Elm, kochia, kudzu, ragweed, spruce, thistles (see label for complete list)

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**Candor™**

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

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

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**Clean Slate®**

- **EPA REG. NO.** 228-491
- **ACTIVE INGR.** clopyralid amine (40.9%)
- **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)

**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**
- Kudzu, knapweed, Russian thistle (see label for complete list)
Relegate®
EPA REG. NO. 228-521
ACTIVE INGR. triclopyr ester (61.6%)
FORMULATION liquid
CHEM. FAMILY pyridine
GROUP NO. 4
SIGNAL WORD caution
PACKAGE SIZE 1 gal container (6 per case), 2.5 gal container (2 per case), 30 gal drum

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
• Safe for use on 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%)
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 phytoxicity to grasses and low soil activity
• Broad range of labeled 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)

SULFONYLUREA Low-dose, selective choice for broad-spectrum control

Patrot®
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 16 wt oz bottle (8 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, marestail, thistle
(see label for complete list)

PREMIUM MIXTURES Convenience and power in one package

E-2
EPA REG. NO. 228-442
ACTIVE INGR. 2,4-D amine (39.53%), alachlor acid (4.3%), fluroxypyr ester (5.9%)
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)
Patron 170® has outperformed many brush control products providing excellent control of many hard-to-control species.

**KEY PERFORMANCE BENEFITS**
- Controls mixed brush, vines and perennial broadleaf weeds
- Ester formulation provides increased leaf surface uptake
- For use on rights-of-way, drainage ditchbanks, highways and other non-crop areas
- Contains a purified form of dichlorprop-p for reduced environmental load
- Mixes with water or approved oils

**KEY USES**
Forestry sites, industrial sites, non-crop areas, rights-of-way

**KEY WEEDS CONTROLLED**
Alder, brambles, buckbrush, cocklebur, hemlock, kochia
(see label for complete list)

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The ultimate three-way combination. Delivers effective control of tough broadleaf weeds including thistle, chicory, horsetail, kochia, poison hemlock and poison ivy.

**KEY PERFORMANCE BENEFITS**
- Outstanding post-emergent control of tough broadleaf weeds
- Highest active ingredient loaded three-way available
- Non-dicamba product with equivalent control to conventional three-way mixes
- Low use rates
- Can be mixed with some liquid fertilizers

**KEY USES**
Highway rest areas, non-crop areas, rights-of-way

**KEY WEEDS CONTROLLED**
Canada thistle, chicory, kochia, horsetail, poison hemlock, poison ivy, thistle, toadflax (see label for complete list)

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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)
**FLUMIOXAZIN**  Fast-acting and selective control

Clipper® Herbicide delivers fast and selective control of tough invasive and nuisance plants such as cabomba, watermeal, Eurasian watermilfoil, water lettuce, duckweed, giant salvinia and more. Plus, Clipper dissipates quickly from the water column and does not accumulate in sediment.

**KEY PERFORMANCE BENEFITS**
- Dissipates quickly from the water column and does not accumulate in sediment, giving it a favorable environmental profile
- 51% WDG means reduced personal protective equipment (PPE) requirements for ease of application, transport, and handling

**KEY USES**
For the management of undesirable aquatic vegetation in slow moving or quiescent waters

**KEY WEEDS CONTROLLED**
Cabomba, duckweed, Eurasian watermilfoil, giant salvinia, water lettuce, watermeal (see label for complete list)

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**Clipper SC**
**AQUATIC HERBICIDE**

Clipper® SC delivers the same speed and control as Clipper in a convenient, liquid formulation. With 4 lb of flumioxazin per gallon, Clipper SC offers easier handling and mixing.

**KEY PERFORMANCE BENEFITS**
- Convenient liquid formulation improving ease of application, transport, and handling
- 1 liquid fl oz Clipper SC = 1 dry oz Clipper WDG
- Fast and selective control of tough invasive and nuisance plants
- Dissipates quickly from the water column and does not accumulate in sediment, giving it a favorable environmental profile

**KEY USES**
For the management of undesirable aquatic vegetation in slow moving or quiescent waters

**KEY WEEDS CONTROLLED**
Cabomba, duckweed, Eurasian watermilfoil, giant salvinia, water lettuce, watermeal (see label for complete list)

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**BISPYRIBAC-SODIUM**  Long-lasting residual activity

Tradewind® Herbicide is in a novel chemical class and provides a tool for herbicide resistance management.

**KEY PERFORMANCE BENEFITS**
- Systemic chemistry to selectively control hydrilla, Eurasian watermilfoil and other undesirable aquatic plants
- Minimal impact on many desirable aquatic plants
- Long-lasting residual activity for both submersed and floating aquatic plants

**KEY USES**
For the management of undesirable aquatic vegetation in slow moving or quiescent waters

**KEY WEEDS CONTROLLED**
Duckweed, Eurasian watermilfoil, hydrilla (including fluoridone-resistant), mosquito fern, parrotfeather, water lettuce (see label for complete list)
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)

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Depth Charge™ delivers fast control of tough invasive and nuisance plants such as watermilfoil, pondweed, duckweed, and coontail. Its patent pending formulation of 2,4-D acid and flumioxazin delivers quicker uptake and efficacy, along with greater initial visibility for submerged applications.

**KEY PERFORMANCE BENEFITS**
- Faster uptake with enhanced speed and efficacy
- Ability to spot treat
- Convenient liquid formulation
- Convenient premix—less packaging
- Strong resistance management tool containing two modes of action
- Submerged application has greater initial visibility

**KEY USES**
For use in ponds, lakes, reservoirs, marshes, bayous, drainage ditches and non-irrigation canals that are quiescent or slow moving

**KEY WEEDS CONTROLLED**
AIR APPLICATION: Alligator weed, filamentous algae, frog’s-bit, water fern, water hyacinth, water lettuce, water pennywort
SUBSURFACE APPLICATION: Coontail, duckweed, fanwort, hydrilla, hygrophila, naiad, pondweed, water fern, water lettuce, watermeal, watermilfoil (see label for complete list)

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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)
Control more than 50 of the toughest insects with Lambda-Cyhalothrin 1 EC. It provides excellent residual control and offers the convenience of an easy-mixing formulation.

**KEY PERFORMANCE BENEFITS**
- Controls more than 50 of the toughest insects
- Excellent residual control
- EC formulation ensures easy mixing

**KEY USES**
Pasture, rangeland

**KEY PESTS CONTROLLED**
Alfalfa caterpillar, army cutworm, bird cherry-oat aphid, grasshopper, greenbug, green cloverworm, looper, sap beetle, webworm (see label for complete list)

Nufarm Lambda-Cyhalothrin 1 EC is a Restricted-Use Pesticide. Always read and follow label directions.

**NOTES**

This guide is intended to provide a product overview. See product labels for complete details and labeled use listing.

www.nufarm.com/uscrop
Look to Nufarm for all your aquatic weed control needs. Our growing portfolio now includes Clipper® SC and Tradewind® – offering more solutions for nearly any aquatic weed challenge.

**SELECTIVE HERBICIDES**
AquaSweep® · Clipper® · Clipper® SC · Depth Charge™
Tahoe® 3A · Tradewind® · Weedar® 64

**NON-SELECTIVE HERBICIDES**
Nufarm Diquat SPC 2L · Polaris® · Polaris® AC Complete
GROWING BETTER SINCE 1916

More than 100 years ago, our history began with a goal to help New Zealand’s farmers. From New Zealand, we have grown to serve more than 100 countries worldwide.

Today, our founders’ passion to help growers through quality solutions and unparalleled customer service remains at the heart of everything we do.

MORE THAN 100 YEARS AND STILL GROWING