



Product	Active Ingredient	Rate Range	Key Information	Grazing/Haying Restrictions
Chaparral™	0.052 lbs are aminopyralid, and 0.945 lbs metsulfuron per lb of product. General use product.	General weed control: 2.0 - 2.5 oz/acre. Noxious weed control: 2.5 - 3.3 oz/acre. Broadcast brush control: 3.3 oz/acre.	Very broad spectrum weed and some brush control. Excellent control of buckbrush, goldenrod, wild carrot, wild parsnip, poison hemlock, blackberry, locusts and multiflora rose. Non Restricted, low use rate. Soil residual for season-long control	No haying and grazing restrictions. However, animals transferred to another pasture within 3 days of grazing or eating treated hay will transfer aminopyralid in manure. See label precautions.
Remedy® Ultra	4.0 lb ai/gallon of triclopyr ester	Brush: 1 - 2 pints broadcast 1.5% w/v spot applications. Surfactant recommended	Flexible, all-purpose brush control. Does not contain 2,4-D. Rapidly translocated to roots of woody plants to prevent regrowth. Can be applied to foliage or basal bark. Non Restricted Use.	Lactating dairy: Next growing season. No restrictions for other livestock. Do not harvest hay for 14 days.
PastureGard® HL	4.00 ai/gal: 3.0 lb triclopyr ester plus 1.0 lb fluroxypyr	Broadcast weeds: 0.75 - 1.5 pts/acre. Brush: 1.5 - 4 pts/acre. Basal bark or cut stump: see label. Individual plant treatments/fence rows: see label. Surfactant recommended.	Flexible, all-purpose brush control with broader spectrum than Remedy Ultra. Does not contain 2,4-D. Broadcast or individual plant treatment. Can be applied to foliage or basal bark. Non Restricted Use.	Lactating dairy: next growing season. No restrictions for other livestock. Do not harvest hay for 14 days.
GrazonNext® HL	3.74 lb ai/gal: 0.41 lb aminopyralid plus 3.33 lb 2,4-D amine	Annual/biennial/perennial weeds: 1.2 - 2.1 pts/acre surfactant recommended	Also contains our new active ingredient, aminopyralid, which was registered under EPA's Reduced Risk Initiative. Can be used up to water's edge. Systemic and residual control of over 60 weeds. Non Restricted Use.	No haying or grazing restrictions. However, animals transferred to another pasture within 3 days of grazing or eating treated hay will transfer aminopyralid in manure. See label precautions.

PASTURE IMPROVEMENT: GROW MORE LOW-COST GRASS

Weeds and brush in pastures restrict grazing and reduce forage yields. When these undesirable plants take over, grass and, ultimately, beef production suffer. Although mechanical control methods may temporarily appear to do the job, they are labor intensive and costly. The herbicides outlined in this guide provide quick-acting, proven control that will kill weeds all the way down to the roots. They also provide some residual control to stop weeds that germinate shortly after applications. Controlling weeds and brush in your pasture will help you grow more grass — the lowest cost feed for cattle.

Brush Control:

Trees, shrubs and other brush seriously deplete pasture production. In addition, woody plants weaken fences, reduce land values and slice cattle carrying capacity. Brush infestations often start out as small, scattered problems, creeping in from pasture perimeters. As those trees and shrubs grow each year, they tighten their grip on grazing capacity, forcing cattlemen and land managers to stock fewer cattle, shorten the grazing season, buy more hay or overuse another pasture.

Chaparral™ Herbicide

- The most broad spectrum for hard-to-kill broadleaf weeds and some woody plants such as blackberry, buckbrush, and rose species
- A unique dry formulation that makes mixing easier. Two active ingredients on one granule to provide multiple modes of action (aminopyralid + metsulfuron).
- Does not contain 2,4-D
- No grazing or haying restrictions for any class of livestock
- Its long-lasting residual activity helps keep grazing lands clean and producing more grass
- Recommended Broadcast Brush control use rate — 3.3 oz/acre
- Tank-mix compatible with other herbicides for effective one-pass control
- Choice treatment for rose and blackberry species!
- Carefully read the section titled “Restrictions in Hay or Manure Use.” It is mandatory to follow the “Use Precautions and Restrictions” section of this label. Manure and urine from animals consuming grass or hay treated with this product may contain enough aminopyralid to cause injury to sensitive broadleaf plants. Hay can only be used on the farm or ranch where the product is applied unless allowed by supplemental labeling. Consult a Dow AgroSciences representative if you do not understand the “Use Precautions and Restrictions”, or call 1-800-263-1196 (Customer Information).

Remedy® Ultra Herbicide

- Premier brush herbicide — controls more than 35 woody plants
- Low odor, nonpetroleum-based formulation
- Ideal for pasture restoration, encroaching brush, maintaining fence rows and general brush control
- Flexible application options include foliar, low-volume basal and cut-stump treatments
- Mixes well with other herbicides. Where mixed brush and broadleaf weeds dominate, tank-mix Remedy Ultra with GrazonNext® HL or Chaparral herbicides for more complete, broader-spectrum and residual weed control.

PastureGard® HL Herbicide

- Controls many tree and brush species, including blackberry, rose species, sweet gum, osage orange, lantana and wax myrtle. PastureGard HL is a good choice for sites where a residual herbicide cannot be used.
- Contains two active ingredients, triclopyr ester and fluroxypyr ester (3 lbs ae/gal + 1 ae/gal). Formulation is an oil-based emulsifiable concentrate
- Triclopyr and fluroxypyr are safe on established grasses.
- Suggested use rates: Woody brush control: 1.5 - 4 pts/acre (broadcast)
- May be applied broadcast, as a high-volume foliar spray to individual plants, as a low volume basal application to brush, or to cut stumps of woody plants. A nonionic surfactant at 1-2 quarts/100 gallons spray solution (0.25% - 0.5% v/v) should be added for the foliar applications.



Broadcast Applications

- Brush 10 ft. and under: Use 2 pts of GrazonNext® HL + 1 pint of Remedy® Ultra per acre
- Species such as ash, dogwood, elms and oaks require higher rates of Remedy Ultra. Use rates of 2 - 4 pints of Remedy Ultra with GrazonNext HL when these species are present.
- Brush 10 ft. or taller: Obtain recommendations for specific species
- Apply 12 - 25 gallons of water with 2 quarts of NIS per 100 gallons of water and drift agent.

Timing

- Apply when brush is fully leafed and actively growing

Individual Plant Treatments

Spot Treatments: Foliar Application

- Light Brush: 1% PastureGard® HL solution in water + 0.5% surfactant (1 gallon of PastureGard HL + 2 quarts of surfactant in 100 gallons of water)
- Heavy Brush: 1% PastureGard HL solution in water + 0.25% GrazonNext HL + 0.5% surfactant OR 0.5% Remedy Ultra solution + 0.25% GrazonNext HL solution + 0.5% surfactant.

Basal Bark and Cut-Stump Treatments

Rates

- A solution of 25% Remedy Ultra herbicide and 75% oil-based (diesel fuel, vegetable oil or kerosene)

Basal Bark Applications

- Apply enough spray to wet the lower 15" of the base of the brush, but not to the point of run-off (similar to spray painting)
- Controls brush that is less than 6" in diameter
- Year-round treatment

Cut-Stump Applications

- Cut-stump applications prevent resprouting from stumps after mechanical removal
- After cutting, apply Remedy Ultra and oil solution to sides of stump and around the outer surface of the cut area
- Is not limited to any stump diameter
- Year-round treatment



Application Rates for Light Brush that is scattered with fewer species present

Sprayer Size	PastureGard® HL (1.0%)	Surfactant (0.5%)
1 gal	8 tsp	4 tsp
3 gal	4 fl oz	2 fl oz
5 gal	6.4 fl oz	3.2 fl oz
10 gal	1.5 cups	6.4 fl oz
25 gal	1 quart	1 pint

Application Rates for Heavy Brush that is usually much denser with multiple species present

Sprayer Size	Remedy® Ultra (0.5%)	GrazonNext® HL (0.25%)	Surfactant (0.5%)
1 gal	4 tsp	2 tsp	4 tsp
3 gal	2 fl oz	1 fl oz	2 fl oz
5 gal	3.2 fl oz	1.6 fl oz	3.2 fl oz
10 gal	6.4 fl oz	3.2 fl oz	6.4 fl oz
25 gal	1 pint	8 fl oz	1 pint

Sprayer Size	PastureGard® HL (1.0%)	GrazonNext® HL (0.25%)	Surfactant (0.5%)
1 gal	8 tsp	2 tsp	4 tsp
3 gal	4 fl oz	1 fl oz	2 fl oz
5 gal	6.4 fl oz	1.6 fl oz	3.2 fl oz
10 gal	1.5 cups	3.2 fl oz	6.4 fl oz
25 gal	1 quart	8 fl oz	1 pint

Application Rates for Basal Bark or Cut Stump

Sprayer Size	Remedy® Ultra	Oil Carrier
1 gal	1 quart	3 quarts
2 gal	2 quarts	6 quarts
3 gal	3 quarts	2 gal, 1 quart
4 gal	1 gal	3 gal
5 gal	1 gal, 1 quart	3 gal, 3 quarts

