

WEED RESPONSE RATINGS FOR FORAGE HERBICIDES

HERBICIDES	WEEDS																																			
	Cancerweed	Crabgrass	Foxtail	Cheat	Little Barley	Horseweed	Smooth Pigweed	Smartweed	Bullthistle	Curly Dock	Buttercup	Goldenrod	Horsenettle	Wild Garlic	Dogfennel	Bitterweed	Red Sorrel	Common Ragweed	Lanceleaf Ragweed	Chickweed	Henbit	Tall Fescue	Bahiagrass	Mullein	Groundsel	Crotons	Coreopsis	Prickly Pear Cactus	Johnsongrass	Nutsedge	Sandbur	Virginia Buttonweed				
Preemergence																																				
Kerb	N	R	R	R	R	N	N	N	N	N	R	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
Prowl H ₂ O	N	R	R	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	R	N	
Rezilon		R			R	R	H	R								R											R			N						
Sinbar	N	H	H	H	H	N	N	N	N	N	N	N	N	N	N	N	N	N	N	H	H	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
Postemergence																																				
2,4-D	N	N	N	N	N	R	R	R	H	R	H	R	R	R	R	H	N	H	R	R	N	N	N	N	N	N	H	R	N	N	N	N	N	R		
2,4-DB	N	N	N	N	N	N	R	N	R	R	R	N	N	N	N	R	N	R	N	H	N	N	N	N	N	N	R	N	N	N	N	N	N	N	N	
Banvel	N	N	N	N	N	H	H	H	H	H	H	H	R	R	H	H	H	H	R	H	H	N	N	N	N	H	R	N	N	N	N	N	N	N	N	
Beyond Xtra	N	R	R	R	N	N	R	N	N	R	N	N	N	N	N	N	N	N	R	R	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Chaparral	R	N	N	N	N	R	R	R	R	R	R	N	R	N	R	R	R	R	R	R	R	N	R	R	R	R	R	R	R	N	N	N	N	N	R	
Crossbow	N	N	N	N	N	H	H	H	H	H	H	H	R	R	R	H	R	H	R	R	R	R	N	N	N	N	H	R	N	N	N	N	N	N	N	
Duracor		N	N	N	N		R	R					R		R												R								R	
Glyphosate	R	R	R	R	R	R	R	R	N	R	R	N	N	H	R	R	R	R	N	R	N	H	H	N	N	H	R	N	R	R	R	R	R	N	N	
GrazonNext HL		N	N	N	N	R	R	H	R	R	H	H	H			H		H	H	R	R	N	N			H		N	N	N	N	N	N	N	R	
Grazon P + D/PD3	R	N	N	N	N	H	H	H	H	H	H	H	H	R	H	H	H	R	R	R	R	N	N	R	R	H	R	H	N	N	N	N	N	R		
Karmex	N	R	R	R	R	N	N	N	N	N	N	N	N	N	N	N	N	N	R	N	N	N	N	N	N	N	R	N	N	N	N	N	N	R	N	
Metribuzin	N	N	N	R	R	R	R	N	N	N	R	N	N	N	N	N	N	N	N	R	R	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Metsulfuron	H	N	N	N	N	H	H	H	N	R	H	N	N	H	N	H	H	N	N	H	H	N	H	R	H	R	R	N	N	N	N	N	N	N	R	
Milestone		N	N	N	N	R	R	H	R	R	R		H			H				R	R	N	N					N	N	N	N	N	N	N	R	
Outrider	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	H	H	N	N	N	
Panoramic	N	R	R	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	R	N	N	N	N	N	N	N	R	R	R	R	N	
Paraquat	N	N	H	H	H	N	N	N	N	N	H	N	N	H	N	N	N	R	N	H	H	H	N	N	N	R	N	N	N	N	N	N	N	N	N	
Pastora	N	R	R	R	R	R	R	R	N	R	R	N	N	R	N	R	R	N	N	R	R	N	R	R	N	R	N	N	N	R	N	N	R	N	R	N
Permit	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	H	N	N	N
Poast/Poast Plus	N	R	R	R	R	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	R	N	N	N	N	R	N	N	N	N	N	N	N	N
Pursuit	N	R	H	R	N	N	R	N	N	R	N	N	N	N	N	N	N	R	N	R	R	R	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Select	N	H	H	R	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	R	N	N	N	N	N	N	N	N	N	N	N	N	N
Tordon 22K	R	N	N	N	N	R	R	R	H	R	N	R	H	N	R	N	R	R	R	N	N	N	N	N	R	N	N	N	H	N	N	N	N	R	N	
Velpar	N	N	N	N	N	N	N	N	N	N	R	N	N	N	N	N	N	N	N	R	R	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Weedmaster	N	N	N	N	N	H	H	H	H	H	H	H	R	R	H	H	R	H	H	H	H	N	N	R	N	H	R	N	N	N	N	N	N	N	R	

H = Highly recommended
R = Recommended
N = Not recommended
Blank = No data

RESTRICTIONS FOR FORAGE HERBICIDES

Herbicide	Crops	Waiting Interval in Days After Treatment Before:				
		Grazing Beef or Dry Dairy Cattle	Grazing Lactating Dairy Cattle	Hay for Lactating Dairy Cattle	Hay for Beef or Dry Dairy Cattle	Slaughter
2,4-D (Weedar 64-A)	grass pastures	0	14	30	30	7
Arsenal	pastures	0	0	0	0	0
Atrazine	forage sorghum	21	21	21	21	no information
Beyond Xtra	alfalfa	20	20	20	20	20
Bicep	forage sorghum					
Butyrac 200 (2,4-DB)	seedling alfalfa, clovers					60
Butyrac 200 (2,4-DB)	established alfalfa, clovers	30	30	30	30	30
Chaparral	grass pasture	0	0	0	0	0
Clarity, Banvel	grass pastures	0	7 to 40, interval depends on rate	37 to 70	37 to 70	30
DuraCor	grass pasture	0	0	0	0	0
Glyphosate, 2 qt/A or less	broadcast	0	0	0	0	no information
Grazon P+D/PD3	grass pastures	0	7	30	30	3
GrazonNext HL	grass pastures	0	0	7	7	no information
Facet L	grass pastures, bermudagrass	0	0	7	7	no information
Kerb	alfalfa, clovers ¹	3 lb/A or less 25 days	3 lb/A or less 25 days	3 lb/A or less 25 days	3 lb/A or less 25 days	no information
Milestone	grass pastures	0	0	0	0	0
Outrider	bermudagrass	0	0	14	14	no information
Paraquat	dormant bermuda	no information	no information	40	40	no information
Pastora	bermudagrass	0	0	0	0	0
PastureGard HL	grass pastures	0	365	14	14	3
Permit	grass pastures	0	0	37	37	0
Poast, Poast Plus	alfalfa, clover	7	7	7	7	20
Pursuit	alfalfa	30	30	30	30	no information
Remedy Ultra	grass pastures	0	14	365	7	3
Rezilon	bermudagrass	0	0	0	0	0
Select	alfalfa	15	15	15	15	15
Metribuzin/Lexone	alfalfa	28	28	28	28	28
Sinbar	alfalfa	70	no information	no information	70	no information
Spike 20P	grass pastures	0	0	365	365	no information
Surmount	grass pastures	0	14	7	7	3
Tordon 22K	grass pastures	0	14	14	14	3
Velpar, do not exceed 1/3 gal/A	grass pastures	30	30	30	30	30
Velpar	alfalfa	30	30	30	30	30
Weedmaster	grass pastures	0	7	37	37	30

¹All crops except alfalfa, 125 days.

Crop, Situation, and Active Chemical Per Broadcast Acre	Weeds Controlled	Formulated Material Per Broadcast Acre	Time of Application	Method of Application and Precautions
FORAGE				
Established Grass Pasture and Hay Crops				
2,4-D amine @ 0.5 to 2 lb/A	Bitter sneezeweed, buttercup, common ragweed, cocklebur, curly dock, goatweed, lanceleaf ragweed, pigweed, thistles.	2,4-D amine 1 to 4 pt/A of 4 lb/gal 2,4-D. Use the higher rate for late applications and on the more resistant weeds.	Early Treatment South of I-40: January 15 to February 15 North of I-40: February 1 to March 1	Delayed treatment is more effective on late spring weeds. All legume species except established white clover and lespedeza (more than 2") are severely injured or killed. See animal restrictions. Check state 2,4-D restrictions.
2,4-D LV esters @ 0.5 to 2 lb/A	Bitter sneezeweed, buttercup, common ragweed, cocklebur, curly dock, goatweed, lanceleaf ragweed, pigweed, thistles, wild garlic.	2,4-D ester 1 to 4 pt/A of 4 lb/gal 2,4-D.	Same as above except garlic which should be treated in November or December and repeat in early to mid-February.	Tends to be 10 to 20% more active than amine formulation due to greater leaf penetration. More effective on larger weeds and most perennials. Add a surfactant for garlic. Check state 2,4-D restrictions.
dicamba @ 0.5 to 8 lb/A	Most 2,4-D weeds and dogfennel, red sorrel and smartweed.	Banvel, Clarity 1 pt to 2 gal/A of 4 lb/gal.	For annuals, apply when weeds are 2 to 4 inches tall and actively growing. Thistles: rosette stage. Dogfennel: 12 to 18 inches.	May be tank mixed with 2,4-D to improve control of thistles, red sorrel and smartweed. Do not apply to legumes.
2,4-D + picloram @ 0.5 + 0.135 to 1 + 0.27 lb/A or 0.5 + 0.127 to 1 to 0.27 lb/A	Bitterweed, buttercup, cocklebur, docks, dogfennel, thistles, horse-nettle, horseweed, prickly lettuce, prickly pear, ragweed, woolly croton, red sorrel and smartweed.	Grazon P + D 2 to 4 pt/A. Grazon PD3 1 ¼ pt to 2 2/3 pt/A.	Apply when broadleaf annual weeds are small and actively growing. Spray horsenettle at bloom stage. Treat prickly pear in early May.	Check label for groundwater advisory. The county Extension office has information on the leachability of the soil types on your land. Use higher rates for perennials. Do not use on or near land to be planted in legumes. Check state 2,4-D restrictions.
2,4-D + dicamba @ 0.375 + 0.125 lb to 0.75 + 0.25 lb/A	Dogfennel (cypressweed), smartweed, horsenettle, thistles, dock and all weeds listed for 2,4-D alone.	Weedmaster 1 to 4 pt/A. High rate for horsenettle and thistles.	See instructions for Banvel.	1 lb of Banvel and 2.87 lb of 2,4-D amine per gallon. Controls a broader spectrum of weeds than 2,4-D. May severely injure or kill legumes. Check state 2,4-D restrictions.
aminopyralid @ 0.046 to 0.1 lb/A	Cocklebur, thistle, horsenettle, buttercup, bitterweed, horseweed, smartweed and others.	Milestone 2L 3 to 7 fl oz/A.	Postemergence to actively growing weeds. See label for specifics.	No grazing or haying restrictions. Will kill legumes. Do not exceed 7 ounces per acre per year. See label for crop rotation restrictions. Urine and manure of animals grazing treated pastures may contain enough aminopyralid to damage sensitive crops. See label for details.
aminopyralid + 2,4-D @ 0.55 to 0.99 lb/A	Many broadleaf herbaceous and woody plants.	GrazonNext HL 19 to 34 fl oz/A.	Postemergence.	A more concentrated version of GrazonNext. Do not use more than 2.1 pt/A in a single growing season. See label restrictions on movement of treated hay off farm and manure use. Do not harvest hay for 7 days after application. . Check state 2,4-D restrictions.
aminopyralid + floryprauxifenbenzyl @ 0.063 to 0.104 + 0.006 to 0.014 lb/A	Most broadleaf pasture weeds.	DuraCor 12 to 20 fl oz/A.	Postemergence.	Manure from animals eating Duracor treated forage or mulching with treated hay will damage sensitive broadleaf crops. Do not make more than two applications per year. Wait 30 days between applications. Extremely small amounts of this herbicide may damage sensitive plants. Read the label carefully. Tree damage through root uptake is possible.
aminopyralid + metsulfuron methyl @ 0.039 + 0.006 to 0.013 + 0.019 lb/A	Many broadleaf weeds including blackberry, sumac, buckbrush. Suppresses Virginia buttonweed.	Chaparral 72 DF 1.0 to 3.3 oz/A.	Postemergence to actively growing weeds.	Chaparral will kill or injure bahiagrass and ryegrass. Manure or urine from animals eating Chaparral-treated forage may damage sensitive plants. Do not mulch plants with Chaparral-treated forage.

Crop, Situation, and Active Chemical Per Broadcast Acre	Weeds Controlled	Formulated Material Per Broadcast Acre	Time of Application	Method of Application and Precautions
imazapic @ 0.063 to 0.19 lb/A	Johnsongrass, crabgrass, sandbur, sedges, barnyardgrass, broadleaf signalgrass, foxtail.	Panoramic 2 SL 4 to 12 fl oz/A.	When bermudagrass is fully green and actively growing. Do not apply during transition. Do not apply to drought-stressed bermudagrass, newly aerated fields for 30 days, or to newly sprigged or seeded bermudagrass.	Do not use this product unless you can tolerate 30 to 45 days of bermudagrass suppression after application. Start with the 4 oz rate. Panoramic 2 SL may be applied to common and coastal bermudagrass varieties. Jiggs bermudagrass is more sensitive than other types. Do not apply to World Feeder bermudagrass varieties. Use the 6 oz rate for sandbur.
quinclorac @ 0.258 to 0.375 lb/A	Grasses and broadleaves. Good option for barnyardgrass, crabgrass, and field bindweed control.	Facet L 22 to 32 fl oz/A.	Postemergence.	Safe on fescue, ryegrass, and bermudagrass. Application to bermudagrass may result in temporary yellowing under certain conditions. Do not cut treated hay within 7 days after application, but may be grazed immediately. Can use up to 64 fl oz/A for control of leafy spurge.
sulfosulfuron @ 0.062 lb/A	Johnsongrass, sedges.	Outrider 75DF 1.33 oz/A.	Postemergence.	For use in bermudagrass. Add 0.25% v/v of a nonionic surfactant in 10 to 40 gallons per acre as a broadcast application. Apply to actively growing johnsongrass that is at least 18-24 inches tall and up to the heading stage. Sedges should be actively growing with sufficient leaf area developed to intercept the herbicide. Weeds to be treated should not be mowed or grazed for two weeks before or after application.
halosulfuron @ 0.062 lb/A	Nutsedge and some broadleaf weeds.	Permit 75DF 1.33 oz/A.	Treat actively growing nutsedge at the 3- to 5-leaf stage.	Safe on all grasses. Add nonionic surfactant one to two quarts per 100 gallons. May be tank mixed with 2,4-D, Weedmaster or Grazon P+D. A second application may be necessary for full-season nutsedge control.
metsulfuron + nicosulfuron @ 0.014 to 0.028 + 0.035 to 0.05 lb/A	Many broadleaf weeds and grasses including johnsongrass.	Pastora 75DF 1.0 to 1.5 oz/A.	Postemergence to small weeds.	Will stunt bermudagrass temporarily. There are no grazing or haying restrictions. May be tank mixed with 6 fl oz of 4 lb/gal glyphosate per acre for improved grass control. Use on established bermudagrass only. Add 0.25% surfactant. Tank mix with 1 qt/A 2,4-D to improve control of thistle, ragweed and plantain.
metsulfuron @ 0.0038 to 0.038 lb/A	Broadleaf weeds, wild garlic and bahiagrass, weak on ragweed and thistle.	Metsulfuron 60DF 0.1 to 1.0 oz/A.	Postemergence.	Add 0.25% nonionic surfactant. Will stunt fescue. Do not spray ryegrass or legume pastures.