

## QUICK REFERENCE FOR COMMON RANGELAND AND PASTURE HERBICIDES

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ACTIVE INGREDIENT(S)	TRADE NAME(S)	GRAZING RESTRICTIONS	HAY HARVEST RESTRICTIONS	RAINFAST INTERVAL	PESTICIDE APPLICATOR LICENSE REQUIRED?
2,4-D + aminopyralid	GrazonNext HL	None <sup>1</sup>	7 days <sup>2,3,4</sup>	2 hours	Yes
2,4-D + aminopyralid	PasturAll HL	None <sup>1</sup>	7 days <sup>2,3,4</sup>	2 to 4 hours⁵	Yes
2,4-D + dicamba	Weedmaster, Range Star, Outlaw, Latigo	None, except for lactating animals (7 days)	7 days	4 hours	Yes
2,4-D + picloram	Graslan L, Grazon P+D, Gunslinger	None, except for lactating dairy animals (7 days)	30 days	2 to 4 hours⁵	Yes
2,4-D + triclopyr	Crossbow, Everett	None, except for lactating dairy animals (next growing season)	None, unless feeding to lactating dairy animals (14 days)	6 hours⁵	Yes
2-4-D	2,4-D Amine 4 (several)	0 to 7 days (varies by manufacturer)	7 days	6 hours	Yes
2-4-D	2,4-D LV4 (several)	0 to 7 days (varies by manufacturer)	7 to 30 days (varies by manufacturer)	1 hour	Yes
2-4-D	2,4-D LV6 (several)	0 to 7 days (varies by manufacturer)	7 days	1 hour	Yes
Aminocyclopyrachlor + triclopyr	Invora	None <sup>1</sup>	Not labeled for hay production	1 hour	Yes <sup>7</sup>
Aminopyralid	Milestone	None <sup>1</sup>	None <sup>2,3,4</sup>	2 to 4 hours⁵	No
Aminopyralid + clopyralid	Sendero	None <sup>1</sup>	None <sup>2,3,4</sup>	4 hours⁵	No
Aminopyralid + florpyrauxifen- benzyl	DuraCor	None <sup>1</sup>	14 days to allow maximum herbicide activity <sup>2,3,4</sup>	2 hours	No
Aminopyralid + metsulfuron- methyl	Chaparral/Opensight	None <sup>1</sup>	None <sup>2,3,4</sup>	2 to 4 hours⁵	No
Aminopyralid + picloram + fluroxypyr	MezaVue	None <sup>1</sup> , except for lactating dairy animals (14 days)	7 days to allow maximum herbicide activity <sup>2,3,4</sup>	4 hours⁵	Yes
Clopyralid	Clean Slate, Clopyralid 3, Pyramid	None	None	2 hours	No
Dicamba (DGA salt)	Clarity	7 days (1 pt/A), 21 days (2 pt/A), 40 days (4 pt/A)	37 days (1 pt/A), 51 days (2 pt/A), 70 days (4 pt/A)	4 hours	Yes
Dicamba (DMA salt)	Banvel	0 days	7 days	4 to 6 hours⁵	Yes
Dicamba + halosulfuron-methyl	Yukon	None	37 days	3 hours	Yes
Glyphosate	Glyphosate products (several)	0 to 8 weeks (varies by manufacturer)	0 to 8 weeks (varies by manufacturer)	4 to 6 hours	No
Hexazinone	Pronone Power Pellet	None (<600 pellets/A), 60 days (600 to 5,000 pellets/A), 1 year (>5,000 pellets/A)	None (<600 pellets/A), 60 days (600 to 5,000 pellets/A), 1 year (>5,000 pellets/A)	None	No

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Hexazinone	Velpar L VU	None, unless applying more than 4.5 pt/A (60 days)	38 days, unless applying more than 4.5 pt/A (60 days)	24 hours if soil is saturated	No
Imazapic	Plateau, Impose	None specified	7 days	1 hour	No
Imazapyr	Arsenal, Habitat, Imazapyr 2 SL	None	7 days	1 hour	No
Metsulfuron-methyl	Escort XP, Patriot, MSM 60	None	None	4 hours	No
Metsulfuron-methyl + 2,4-D + dicamba	Cimarron Max	None, except for lactating dairy animals (7 days)	37 days	4 hours	Yes
Metsulfuron-methyl + chlorsulfuron	Cimarron Plus	None	None	4 hours	No
Nicosulfuron + metsulfuron- methyl	Pastora	None	None	4 hours	No
Pendimethalin	Prowl H2O	None <sup>6</sup>	None <sup>6</sup>	None	No
Picloram	Tordon 22K, Triumph 22K, Picloram 22K	None, except for lactating dairy animals (14 days)	None, unless applying more than 1.0 qt/A (14 days)	2 hours⁵	Yes
Picloram + fluroxypyr	Surmount	None, except for lactating dairy animals (14 days)	None, unless feeding to lactating dairy animals (14 days)	4 hours⁵	Yes
Saflufenacil	Sharpen	None	None	1 hour	No
Sulfosulfuron	Outrider	None	Allow 2 weeks for best results	2 hours	No
Tebuthiuron	Spike 20P, Tebuthiuron 20P, Tebuthiuron 80WG	None	1 year	None	No
Triclopyr	Remedy Ultra, Pathfinder II, Triclopyr 4E	None, except for lactating dairy animals (next growing season)	14 days	6 hours⁵	No
Triclopyr + clopyralid	Prescott	None, except for lactating dairy animals (next growing season)	14 days, unless feeding to lactating dairy animals (next growing season)	2 hours	No
Triclopyr + fluroxypyr	PastureGard HL	None, except for lactating dairy animals (next growing season)	14 days	6 hours⁵	No

<sup>1</sup>Manure and urine from animals consuming grass or hay treated with this product may contain enough herbicide to cause injury to susceptible broadleaf plants. <sup>2</sup>Hay from areas treated within the preceding 18 months can only be used on the farm or ranch where the product was applied unless allowed by supplemental labeling. <sup>3</sup>Hay from areas treated within the preceding 18 months cannot be used for silage, haylage, baylage, and green chop unless allowed by supplemental labeling. <sup>4</sup>Do not use hay or straw from areas treated within the preceding 18 months or manure from animals feeding on treated hay in compost. <sup>5</sup>This is a compared streated ball.

<sup>5</sup>This is a general recommendation; rainfast interval is not specified on product label.

<sup>6</sup>According to supplemental label NVA 2016-04-195-0015.

<sup>7</sup>Picolinic acid chemistry training is required every 2 years.

Information given herein is for educational purposes only. Reference to commercial products or trade names is made with the understanding that no discrimination is intended and no endorsement by Texas A&M AgriLife Extension Service is implied, nor is there any implication that other formulations containing the same active ingredient are not equally effective. This publication is no substitute for the herbicide product labels. Label restrictions and recommendations change constantly; therefore, consult the product label before use.

