



2019 North Florida Pasture Weed Control Quick Reference Sheet

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Weed Response to Herbicides Used in Pastures	2,4-D	Chaparral	Cimarron* Plus or Xtra	Banvel, Clarity, or Vanquish	Vista XRT	GrazonNext HL	Metsulfuron	Milestone	Pasturegard HL	Remedy	WeedMaster (2,4-D + dicamba)
Bagpod	F-G	E	E	G	-	E	E	E	G	F-G	F-G
Bitter Sneezeweed	E	E	E	E	-	E	E	E	E	E	E
Briars (blackberry)	P	G-E	G-E	F-G	F	P-F	G-E	P	G-E	G-E	P-F
Bracken Fern	P	E	E	P-F	P	P	E	P	P-F	P-F	P
Castor Bean	F-G	-	-	-	-	F-G	-	-	G	G	F-G
Coffee weed	G	E	E	E	G	E	E	E	E	E	G
Creeping Indigo	G	E	E	G	-	E	E	E	G	G	G
Crotalaria, Showy	G	G	-	G	G	G	-	-	E	E	G
Cudweed	F	G	G	E	-	E	G	E	G	E	G
Curly dock	F	E	E	E	-	E	E	E	F	E	E
Dogfennel	F-G	P	F	F-G	G	F-G	F	P-F	E	G-E	G
Dollarweed	G	G	G	E	F	G	G	-	-	-	-
Elderberry	F-G	-	-	F-G	-	F-G	-	-	-	-	-
Evening Primrose	E	G	G	E	-	E	G	E	G	E	E
Goatweed	G	G	G	F-G	P-F	-	G	-	F	F	G
Goldenrod	F	P	P	G	-	G	P	G	G	G	G-E
Horsenettle	P	E	P-F	G	F	E	P-F	E	F	F-G	F
Horseweed (mare's tail)	F	G	F	E	-	E	F	E	G	G	E
Kudzu	P-F	G	P-F	G	P	G	P-F	G	F	F	F
Lantana	P	P	P	P	F-G	P	P	P	P-F	P-F	P
Palmetto	P	P	P	F	G	P	P	P	G	F	P-F
Pigweed	F	E	E	E	P	E	E	E	F	E	E
Pokeberry	G	-	-	E	P	P	-	F	P	P	E
Prickly pear	P	P	P	F	G	P	P	P	F	G	P-F
Ragweed	E	E	G	E	G	E	G	E	E	E	E
Red sorrel	P	E	E	E	-	-	E	-	F	E	G
Rosary Pea	F	E	G	G	F-G	E	G	E	G-E	G-E	F-G
Sand Vetch	F	E	G	G	G	E	G	E	E	E	E
Sicklepod	G	G	G	E	G	G	G	-	G-E	E	E
Stinging nettle	P	E	-	-	G-E	E	-	E	E	E	F
Teaweed	P	G	G	G	-	G	G	-	G	G	F-G
Thistle	E	E	F	G	G	E	F	E	G-E	E	E
Tropical Soda Apple	P	E	P	F-G	F	E	P	E	G	G-E	F-G
Grasses											
Crabgrass	P	P	P	P	P	P	P	P	P	P	P
Johnsongrass	P	-	-	P	P	P	-	P	P	P	P
Smutgrass	P	P	P	P	P	P	P	P	P	P	P
Vaseygrass	P	P	P	P	P	P	P	P	P	P	P
Sedges											
Broomsedge	P	P	P	P	P	P	P	P	P	P	P
Nutsedge	P	P	P	P	P	P	P	P	P	P	P

E=90-100% control; G=80-90%; F=60-80%; P<60% *Weeds in **RED** are toxic to livestock. *Cimarron should **not** be used on bahiagrass.

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Herbicide Information

(Information provided for comparison only, see label for specific weed rate recommendations and restrictions.)

Brand Name	Active Ingredient	Typical Rate Used/Acre	*~\$/acre	Restrictions				Comments
				Graze	Hay	Slaughter	Dairy	
2,4-D Multiple Brand names	2,4-D amine or LV ester (4 lb/gal)	2-4 pints/acre of 4lb/gal formulation	\$4	0	7 days	3 days	Graze 7 days Hay 30 days	Do not apply to newly planted bahia less than 6" tall. Controls a wide variety of seedling annual broadleaf weeds. Use amine in warm weather and ester in cool weather. Special care should be given to avoid drift over to crop or vegetable fields. Can be used immediately after sprigging and before emergence of bermudagrass for short-term seedling weed control.
Chaparral	Metsulfuron + aminopyralid	2.0-3.3 oz	\$18	0	0	0	0	Do not apply to bahiagrass. Add a non-ionic surfactant at 1-2 pts./100 gal of solution. Avoid application during spring green-up.
Cimmarron Plus or Xtra	Metsulfuron + chlorsulfuron	Plus- .125-1.25 oz. Xtra- 0.5-2.0 oz.	\$20	0	0	0	0	Do not apply to bahiagrass. Bermudagrass should be established at least 60 days prior to application. Add a non-ionic surfactant at 1-2 pts./100 gal of solution. Avoid application during spring green-up.
Banvel, Clarity, Vanquish	dicamba	0.5-2 qts	\$11	0	7 days	30 days	Graze 40 Hay 70	Controls a wide variety of annual broadleaf weeds. Gives slightly more residual control than 2,4-D, and is somewhat less volatile than 2, 4-D.
Vista XRT	Fluroxypyr	22 oz.	\$37	0	7 days	0	Graze 0 Hay 7 days	Broadcast application in water. The use of a surfactant is required. For spot treatment, use 0.5 fl. Oz. (15 ml) per gallon of water. Control is very slow, often longer than a year for satisfactory results.
GrazonNext HL	aminopyralid + 2,4-D	1.6-2.1 pt.	\$14	0	7 days	0	Graze 0 Hay 7 days	Excellent control of nightshade family (tropical soda, apple, horsenettle, etc.). Do not apply more than 2.1 pt/ac/year. Do not apply to forage legumes or loss of stand will occur. Will pass into manure, take care when fertilizing areas with non-tolerant forage species.
Metsulfuron Multiple Brand names	Metsulfuron	0.3-1.0 oz.	\$8	0	0	0	0	Controls several cool-season broadleaf weeds. Do not apply to bahiagrass stands. Bermudagrass should be established at least 60 days prior to application. Add a non-ionic surfactant at 1-2 pts./100 gal of solution. Avoid application during spring green-up.
Milestone	aminopyralid	3-7 oz.	\$6	0	0	0	0	Excellent control of nightshade family (tropical soda, apple, horsenettle, etc.). Can be applied under trees. Do not apply more than 7 oz/acre/year. Do not apply to forage legumes or loss of stand will occur. Will pass into manure, take care when fertilizing areas with non-tolerant forage species.
Pasturegard HL	triclopyr & fluroxyoyr	1-2 pints	\$19	0	14	3 days	1 year	Excellent control of dogfennel, blackberry, teaweed, and other broadleaf weeds. Do not apply more than 8 pts/ac/season. Will cause severe injury to forage legumes.
Remedy	triclopyr	1 quart/acre broadcast 1% solution spot treatment	\$24	0	14 days	3 days	Graze 1 season Hay 14 days	Controls a wide range of broadleaf weeds, brush and briars. Remedy is labeled for post-emergence use on established forage grasses. Do not use on newly seeded or sprigged grasses until the grass has established a good root system, shows good vigor and is spreading. Highly injurious to legumes. Can also be used for spot treatment, basal bark and cut stump treatment of woody brush.
Weedmaster	2,4-D & dicamba	0.5-4 pts	\$7	0	7 days	30 days	Graze 7 days Hay 37 days	Controls a wide variety of annual and small perennial weeds. The mixture of 2,4-D and dicamba is usually more effective than either product alone on harder to control weeds like dogfennel, thistle, goldenrod, pigweed, and horseweed.
Velpar	hexazinone	0.75 lb/acre or 3 pints/acre Velpar L	\$22	0	38	0	Graze 0 Hay 38	Primarily used for smutgrass control in established pastures. Don not spray within 100 feet of desirable oak trees. Some temporary grass injury may occur. Most effective with high soil moisture and warm temperatures (July-Sept.).

*Approximate prices listed here are for comparison only. Prices at local distributors may vary.