

Weed and Brush Herbicides

Product	Manufacturer	Active Ingredients	Rates/Acre	Weeds Controlled
2,4D*	Multiple	2,4D	1-2 quarts	Broadleaf
Brash*	Winfield Solution	2,4D / Dicamba	1 - 2 quarts	Broadleaf / Brush
Chaparral	Dow	Aminopyralid/ MSM	1-3 oz.	Broadleaf / Bahiagrass/ Brush
Cimarron Max*	Dupont	Metsulfuron/2,4D/Dicamba	Variable	Broadleaf / Bahiagrass/Brush
Cimarron Plus	Dupont	Metsulfuron/Chlorsulfuron	.4 - 1 oz.	Broadleaf/Bahiagrass
Grazon Next HL*	Dow	Aminopyralid / 2,4D	1 - 1.5 pints	Broadleaf
Grazon Next*	Dow	Aminopyralid / 2,4D	1.5 - 2.6 pints	Broadleaf
Grazon P+D*	Dow	2,4D / Picloram	2 - 8 pints	Broadleaf / Brush
Journey	BASF	Glyphosate / Imazapic	4 - 12 oz.	Grassy weeds
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Outrider	Monsanto	Sulfosulfuron	1.33 oz.	Johnsongrass / Sedges
Pastora	Dupont	Metsulfuron / Nicosulfuron	1 - 1.5 oz.	grassburs, and other
PasturAll HL	Dow	2,4D, Aminopyralid	1- 1.5 pints	Broadleaf
Pasturegard	Dow	Triclopyr / Fluroxypyr	3 - 8 pints	Broadleaf / Brush
Pasturegard HL	Dow	Triclopyr/Fluroxypyr	.75 - 4 pints	broadleaf/ brush
Prowl H2O	BASF	Pendimethalin	2-3 quarts	Sandbur
Rangestar* / Brash*	Albaugh	2,4D / Dicamba	1 - 2 quarts	Broadleaf / Brush
Reclaim*	Dow	Clopyralid	2/3 - 11/3 pints	Mesquite
Remedy	Dow	Tryclopyr	1 - 4 pints	Broadleaf / Brush
Roundup	Monsanto	Glyphosate	1 - 5 quarts	Broadleaf / Grass
Spike 20P	Dow	Tebuthiuron	Variable	Brush / Trees
Spike 80DF	Dow	Tebuthiuron	Variable	Brush / Trees
Surmount*	Dow	Picloram / Fluroxypyr	3 - 6 pints	Broadleaf / Brush
Telar	Dupont	Chlorsulfuron	.25 - 1 oz.	Broadleaf / Berryvine / Brush
Tordon 22K*	Dow	Picloram	1 - 4 pints	Broadleaf / Brush / Cactus
Velpar	Dupont	Hexazinone	2 - 6 pints	Smutgrass / Brush / Trees
Weedmaster*	BASF	2,4D / Dicamba	2 - 4 pints	Broadleaf / Brush

This list contains a listing of most common pasture herbicides used today. However, there are many generic offerings of chemicals out there and they may not be listed on this chart.

* denotes a restricted use product and requires a valid applicator's license to purchase.

** Completely read and understand all manufacturer's label instructions before using any product. If you do not understand the label, find someone who does and have them explain it to you until you understand it.

Source: Shane Colston, CCA, Winfield Solutions

Boomless Sprayer Calibration



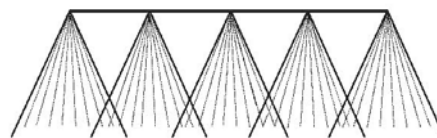
1. Determine swath width.
2. Refer to table below for length of calibration course.
3. Mark off calibration course.
4. Record time required to drive calibration course at desired field gear and rpm.
5. Park tractor, maintain rpm used to drive course, turn on sprayer.
6. Catch water for time equal to that required to drive calibration course.
7. Pints of water caught = gallons per acre.

Chart for Swath Width and Length of Calibration Course

Effective Swath Width (feet)	25	30	35	40	45	50
Length of Calibration Course* (linear feet)	218	182	156	136	121	109

*To determine the calibration course for a swath width not listed, divide the swath width expressed in feet into 5460 (5460 sq. ft. = 1/8 of an acre). **Example:** Calibration distance for 32-foot swath width = $5460 \div 32 = 171$ feet).

Boom Sprayer Calibration



1. Determine nozzle spacing.
2. Refer to table below for length of calibration course.
3. Mark off calibration course.
4. Record time required to drive calibration course at desired field gear and rpm.
5. Park tractor, maintain rpm used to drive course, turn on sprayer.
6. Catch water from one nozzle for time equal to that required to drive calibration course.
7. Ounces of water = gallons per acre.

Chart for Nozzle Spacing and Length of Calibration Course

Nozzle Spacing (inches)	18	20	30	40
Length of Calibration Course (linear feet)	227	204	136	102

*To determine the calibration course for a nozzle spacing not listed, divide the spacing expressed in feet into 340 (340 sq. ft. = 1/128 of an acre). **Example:** Calibration distance for 19-inch nozzle spacing = $340 \div 19/12 = 215$ feet).