

TO CALIBRATE A HANDGUN:

1. Measure an area 18.5 feet by 18.5 feet in the target application area.
2. Spray the measured area uniformly with **water only** and record the number of seconds required to cover the area.
3. Measure the amount of water delivered to the test area by spraying into a container for the same amount of time.
4. The amount of water collected in fluid ounces equals spray volume in gallons per acre.

TO CALIBRATE A BROAD-JET SPRAYER:

Please visit our website at:

www.scweeds.com/tools-and-resources

MOSQUITO LARVICIDING INFORMATION

BTI Briquets – 1 briquet treats a 10’ x 10’ area (100 square feet). The briquet will last 21 to 30 days then retreat.

Aquabac 200 – 40# bag will do 8 acres – use 5# per acre - .02# will treat 10’ x 10’ (100 square feet). Treatment will last up to 21 days.

The above recommendations of herbicide per acre are for non-crop land situations, such as pastures, rangelands, and fence ways.

You should always **READ THE LABEL** on any herbicide before applying, handling, storing or using. This precaution could save time and serious problems.

Proper mixing of herbicide requires you to fill the spray tank with half the amount of water you’ll need, add the herbicide, and then finish filling the tank.

Should you have any questions concerning this information, please feel free to contact our office or visit our website.

Walker Billings
Supervisor

Sheridan County Weed & Pest Control District

SHERIDAN COUNTY WEED & PEST CONTROL DISTRICT

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MIXING INSTRUCTIONS

The following information is to assist you in mixing herbicides correctly for weed control on your property, (non-crop land situations). All rates are suggested rates and may vary depending on your sprayer calibration. **Please calibrate your sprayers and read product labels. Improper calibration of sprayers may result in a negative impact.**

HAND SPRAYERS: 1 GALLON - 50 GALLON TANK

Chemical	Amount of chemical per gallon of water
2,4-D	1 ounce or 2 Tbsp
Banvel (Detonate)	1 ounce or 2 Tbsp
Duracore	1.5 tsp
Escort	1 gram
Milestone	0.5 tsp
Redeem (Prescott/Quali-2)	1 ounce or 2 Tbsp
Roundup	2.5 ounces or 5 Tbsp
Transline	2.5 tsp
Tordon 22K	1 ounce or 2 Tbsp
Vessel	1.5 ounces or 3 Tbsp
Weedmaster	1 ounce or 2 Tbsp
Wetting Agent	0.5 tsp until July, then increase to 1 tsp

***Do not use Wetting Agent on lawn!**

**ALL RENTAL EQUIPMENT DELIVERS 20 GALLONS PER ACRE
AT 40 PSI WHILE DRIVING 3 MPH**

RENTALS

SMALL SPRAYER – 65 Gallon Tank

SLIDE-IN SPRAYER – 165 Gallon Tank

LARGE TRAILER SPRAYER – 225 Gallon Tank

BROAD-JETS:

Chemical	Amount of chemical per 20 gallons of water
2,4-D	1 quart or 2 pints or 4 cups
Banvel	1 quart or 2 pints or 4 cups
Duracore	1 pint or 16 ounces or 2 cups
Escort	1 ounce or 2 Tbsp
Milestone	7 ounces or 14 Tbsp
Prescott/Quali-2D	1.5 quarts or 3 pints or 6 cups
Roundup	3 quarts or 6 pints or 12 cups
Transline	1 pint or 2 cups
Tordon	1 quart or 2 pints or 4 cups
Weedmaster	2 quarts or 4 pints or 8 cups
Wetting Agent	(per tank) 1 pint until July, then 1 quart

HANDGUN:

100 GALLONS OF WATER WILL SPRAY 1 ACRE

Chemical	Amount of chemical per 50 gallons of water
2,4-D	1 pint or 2 cups
Banvel	1 pint or 2 cups
Duracore	1 pint or 16 ounces or 2 cups
Escort	0.5 ounces or 1 Tbsp
Milestone	3.5 ounces or 7 Tbsp
Prescott/Quali-2D	1.5 pints or 3 cups
Roundup	1.5 quarts or 3 pints or 6 cups
Transline	0.5 pints or 1 cup
Tordon	1 pint or 2 cups
Weedmaster	1 quart or 2 pints or 4 cups
Wetting Agent	(per tank) 0.5 pint until July, then 1 pint

SMALL MEASURE EQUIVALENTS

Cup	=	OZ	=	TBSP	=	TSP	=	mL
1		8		16		48		237
$\frac{3}{4}$		6		12		36		177
$\frac{2}{3}$		5		11		32		158
$\frac{1}{2}$		4		8		24		118
$\frac{1}{3}$		3		5		16		79
$\frac{1}{4}$		2		4		12		59
$\frac{1}{8}$		1		2		6		30
1/16		0.5		1		3		15

LARGE MEASURE EQUIVALENTS

Gallons	=	Quarts	=	Pints	=	Ounces
$\frac{1}{8}$		$\frac{1}{2}$		1		16
$\frac{1}{4}$		1		2		32
1		4		8		128

ECOBAN GRASSHOPPER BAIT INFORMATION

Crop and Rangeland:

- 2 to 10 pounds per acre

Home and Garden:

- 0.5 to 2.5 pounds per 10,000 square feet

For suppression:

- 0.5 to 1.5 pounds per acre