



VOLUME CONVERSIONS FOR HERBICIDE APPLICATIONS*

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APPROXIMATE AMOUNT OF PRODUCT TO ADD TO THE FOLLOWING
WATER VOLUME:

<u>DILUTION RATIO</u>	<u>PERCENT DILUTION</u>	<u>GALLON</u>	<u>QUART</u>	<u>PINT</u>
1:99	1%	2.5 Tbsp (-)	2 Tsp (+)	1 Tsp (+)
1:49	2%	5 Tbsp (-)	4 Tsp (+)	2 Tsp (+)
1:32	3%	8 Tbsp (+)	2 Tbsp (+)	1 Tbsp (+)
1:24	4%	10 Tbsp (-)	2.5 Tbsp (+)	4 Tsp (+)
1:19	5%	13 Tbsp (+)	3 Tbsp (-)	5 Tsp (-)

Tbsp = Tablespoon ----- Tsp = Teaspoon

+ Will produce a solution of a slightly higher concentration than indicated.

- Will produce a solution of a slightly lower concentration than indicated.

FLUID MEASUREMENT

60 drops = 1 teaspoon (tsp)
 3 teaspoons = 1 tablespoon (tbsp)
 2 tablespoons = 1 fluid ounce (fl oz) = 6 teaspoons (tsp)
 4 tablespoons = 1/4 cup = 2 fl oz = 12 tsp
 8 tablespoons = 1/2 cup = 4 fl oz = 24 tsp
 16 tablespoons = 1 cup = 8 fl oz
 2 cup = 1 pint = 16 fl oz = 32 tbsp
 2 pints = 1 quart (qt) = 32 fl oz = 64 tbsp
 4 quarts = 1 gallon (gal) = 128 fl oz = 256 tbsp
 30 cc = 1 fl oz

DRY MIX MEASUREMENT –not valid for dry to fluid conversions

1 pound (lb) = 16 ounces (oz) 1 ounce = 28.35 grams

5280 feet = 1 mile 1760 yards = 1 mile 43560 sq ft = 1 acre

* Prepared by Paul V. Dixon, former Yellowstone County Extension Agent