

Conversions

Linear

$\frac{1}{6}$ fluid ounce (oz) = 1 teaspoon (tsp)
 $\frac{1}{2}$ fluid ounce = 1 tablespoon (tbs) = 3 teaspoons
 1 fluid ounce = 2 tablespoons = $\frac{1}{8}$ cup
 8 fluid ounces = 1 cup = $\frac{1}{2}$ pint (pt)
 16 fluid ounces = 2 cups = 1 pint
 32 fluid ounces = 4 cups = 1 quart (qt)
 128 fluid ounces = 16 cups = 1 gallon (gal)

Linear

1 inch = $2\frac{1}{2}$ centimeters (cm) = 25 $\frac{1}{2}$ millimeters
 1 foot = 12 inches (in)
 1 yard (yd) = 3 feet (ft)
 1 rod = $5\frac{1}{2}$ yards = 16 $\frac{1}{2}$ feet
 1 mile = 320 rods = 1,760 yards = 5,280 feet

Weight

1 ounce = 28 $\frac{1}{3}$ grams (g)
 1 pound (lb) = 16 ounces = 453 $\frac{1}{2}$ grams
 2 $\frac{1}{5}$ pounds = 1 kilogram = 1,000 grams
 1 ton = 2,000 pounds = 907 kilograms

Area

144 square inches = 1 square foot
 9 square feet = 1 square yard
 30 $\frac{1}{4}$ square yards = 1 square rod = 272 $\frac{1}{4}$ square feet
 43,560 square feet = 1 acre
 4,840 square yards = 1 acre
 160 square rods = 1 acre
 640 acres = 1 square mile

Dilution Tables

Amount of Liquid Pesticide Product Required to Obtain Recommended Rate

Recommended pesticide active ingredient (a.i.) per acre or 100 gallons of water

	$\frac{1}{4}$ pound	$\frac{1}{2}$ pound	1 pound	2 pounds	3 pounds
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Concentration of liquid formula

Amount of Pesticide Required

Concentration of liquid formula	$\frac{1}{4}$ pound	$\frac{1}{2}$ pound	1 pound	2 pounds	3 pounds
1 pound/gallon	1 quart	2 quarts	1 gallon	2 gallons	3 gallons
1 $\frac{1}{2}$ pounds/gallon	1 $\frac{1}{3}$ pints	1 $\frac{1}{3}$ quarts	5 $\frac{1}{3}$ pints	5 $\frac{1}{3}$ quarts	2 gallons
2 pounds/gallon	1 pint	1 quart	2 quarts	1 gallon	6 quarts
4 pounds/gallon	8 ounces	1 pint	1 quart	2 quarts	3 quarts
6 pounds/gallon	6 ounces	10 ounces	1 $\frac{1}{3}$ pints	1 $\frac{1}{3}$ quarts	2 quarts
8 pounds/gallon	4 ounces	8 ounces	1 pint	1 quart	3 pints

Amount of Dry Pesticide Product Required to Obtain Recommended Rate

Recommended pesticide active ingredient (a.i.) per acre or 100 gallons of water

	$\frac{1}{4}$ pound	$\frac{1}{2}$ pound	1 pound	2 pounds	3 pounds
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Concentration of dry formula

Amount of Pesticide Required

Concentration of dry formula	$\frac{1}{4}$ pound	$\frac{1}{2}$ pound	1 pound	2 pounds	3 pounds
15%	1 $\frac{2}{3}$ pounds	3 $\frac{1}{3}$ pounds	6 $\frac{1}{2}$ pounds	13 pounds	20 pounds
25%	1 pound	2 pounds	4 pound	8 pounds	12 pounds
40%	10 ounces	1 $\frac{1}{4}$ pounds	2 $\frac{1}{2}$ pounds	5 pounds	7 $\frac{1}{2}$ pounds
50%	8 ounces	1 pound	2 pounds	4 pounds	6 pounds
65%	6 ounces	12 ounces	1 $\frac{1}{2}$ pounds	3 pounds	4 $\frac{1}{2}$ pounds
75%	5 $\frac{1}{3}$ ounces	11 ounces	1 $\frac{1}{3}$ pounds	2 $\frac{2}{3}$ pounds	4 pounds
80%	5 ounces	10 ounces	1 $\frac{1}{4}$ pounds	2 $\frac{1}{2}$ pounds	3 $\frac{3}{4}$ pounds

