



HERBICIDE

Application Instructions

Guidelines for Spot Spraying

DuraCor® Herbicide for a 3 Gallon Tank

For example, you went through the calibration procedure and applied 40 fluid ounces in the measured area. Therefore, your spray volume is 40 GPA. Look at the chart on the left for the amount of mix in 1 gallon of water. Assume you want to apply 12 fluid ounces DuraCor® herbicide per acre; the amount listed for your volume (GPA), and the application rate is 9.0 cc. Multiply this by 3 for your 3 gallon tank, and you would need to measure 27 cc (with a syringe) for your 3 gallon mix. Or, since there are 5 cc in a teaspoon, this would be 5.4 teaspoons in your mix.

Amount of DuraCor® herbicide (cc) to mix in 1 gallon of water			Amount of DuraCor® herbicide (in fl oz) to mix in 20 gallons of water		
GPA	12 fl oz/acre	16 fl oz/acre	GPA	12 fl oz/acre	16 fl oz/acre
20	18	24	20	12	16
30	12	16	30	8.0	10.7
40	9.0	12	40	6.0	8.0
50	7.2	9.6	50	4.8	6.4
60	6.0	8.0	60	4.0	8.0
70	5.1	6.9	70	3.4	4.6
80	4.5	6.0	80	3.0	4.0
90	4.0	5.3	90	2.7	3.6
100	3.6	4.8	100	2.4	3.2

Use a syringe to measure cc.
After adding herbicide with the syringe flush with water.

Conversions

- 1 tsp = 5 cc
- 30 cc = 1 fl oz
- 3 tsp = 1 Tbsp
- 2 Tbsp = 1 fl oz
- 8 fl oz = 1 cup
- 2 cups = 1 pint
- 2 pints = 1 quart



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Calibration Instructions

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The mix amount is dependent on your spray volume and your application rate. Therefore, this question cannot be answered until we know the volume that is being applied with your particular spraying style and gallons per acre (GPA). The following step- by-step procedure will allow you to calibrate your spray volume (see answer at end).

Sprayer Calibration

Step 1 Clean sprayer and nozzle thoroughly. Then, fill the spray tank with clean water. Using water only, check to see that the nozzle forms a uniform spray pattern. If the pattern is uneven, check to make sure the nozzle is clean and replace if needed. Adjustable nozzles should be set and marked to permit repeated use of the selected spray pattern.

Step 2 Measure an area 18.5 feet by 18.5 feet, which is equal to 1/128th of an acre. If possible, this should be done in the field on which you will be spraying.

Step 3 Time the number of seconds it takes to spray the measured area uniformly with water using gentle side-to side sweeping motion with the spray wand – similar to spray painting a home or automobile. Record the number of seconds required to spray the area. During application, be sure to maintain a constant sprayer pressure. It will take about 4 to 6 passes through the area for complete coverage. **YOU SHOULD REPEAT THIS STEP AT LEAST TWICE AND USE THE AVERAGE OF THE TWO TIMES.**

Step 4 Spray into a container for the average time calculated in Step 3. Be sure to maintain constant sprayer pressure while you spray into the container.

Step 5 Measure the number of fluid ounces of water in the bucket.

- The number of fluid ounces collected from the bucket is equal to the number of gallons of water per acre the sprayer is delivering.
- Volume sprayed in fluid ounces = Gallons of water Per Acre (GPA)

Step 6 Use tables to determine how much liquid herbicide to add to each amount of water (1 gallon, 20 gallons, 100 gallons). Find your spray volume in gallons per acre (GPA), calculated above) and read across the chart to determine the amount of herbicide to add to each gallon of water based on the recommended herbicide application rate.



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Under normal field conditions this product is non-volatile. DuraCor™ has no grazing or haying restrictions for any class of livestock, including lactating dairy cows, horses (including lactating mares) and meat animals prior to slaughter. However, label precautions do apply to forage treated with DuraCor to manure and urine from animals that have consumed treated forage. ©™ Trademarks of Dow AgroSciences, DuPont or Pioneer and their affiliated companies or respective owners. DuraCor is not registered for sale or use in all states. Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your state. Always read and follow label directions. ©2020 Corteva CR45 640 020 (02/20) 010-58903