

## Herbicide Mixture Rates for Spot Spraying & Backpack Sprayers

### Spot Spraying & Backpack Spraying

Figure roughly 50 gal/acre application rate unless otherwise calibrated.

### Boom Spraying

Mix to calibrated rate of gallons per acre output of spray being used.

### For MOST handgun and backpack applications, these rates apply\*\*

**2 qt./acre** = 1.28 oz. X # of gallons of water = oz. of herbicide for mixture

(Example - For a 3 gallon backpack:  $1.28 \times 3 = 3.84$  oz.)

**1 qt./acre** = 0.64 oz. X # of gallons of water = oz. of herbicide for mixture

(Example - For a 3 gallon backpack:  $0.64 \times 3 = 1.92$  oz.)

**1 pt./acre** = 0.32 oz. X # of gallons of water = oz. of herbicide for mixture

(Example - For a 3 gallon backpack:  $0.32 \times 3 = 0.96$  oz.)

**Chlorsulfuron 75 or Telar:** 1 oz. herbicide/acre rate + Alligare Surface: 1 pt./50 gal. water

**3 gallon backpack:** Use 2 grams of Chlorsulfuron 75 or Telar + 0.96 oz. of Alligare Surface

**10 gallon sprayer:** Use 7 grams of Chlorsulfuron 75 or Telar + 3.2 oz. of Alligare Surface

**15 gallon sprayer:** Use 10.5 grams of Chlorsulfuron 75 or Telar + 4.8 oz. of Alligare Surface

**20 gallon sprayer:** Use 14 grams of Chlorsulfuron 75 or Telar + 6.4 oz. of Alligare Surface

**25 gallon sprayer:** Use 0.5 oz. of Chlorsulfuron 75 or Telar + 8 oz. of Alligare Surface

**50 gallon sprayer:** Use 1 oz. of Chlorsulfuron 75 or Telar + 16 oz. of Alligare Surface

**MSM 60 DF or Escort:** 1 oz. herbicide/acre rate + Alligare Surface: 1 pt./50 gal. water

**3 gallon backpack:** Use 2 grams of Chlorsulfuron 75 or Telar + 0.96 oz. of Alligare Surface

**10 gallon sprayer:** Use 7 grams of Chlorsulfuron 75 or Telar + 3.2 oz. of Alligare Surface

**15 gallon sprayer:** Use 10.5 grams of Chlorsulfuron 75 or Telar + 4.8 oz. of Alligare Surface

**20 gallon sprayer:** Use 14 grams of Chlorsulfuron 75 or Telar + 6.4 oz. of Alligare Surface

**25 gallon sprayer:** Use 0.5 oz. of Chlorsulfuron 75 or Telar + 8 oz. of Alligare Surface

**50 gallon sprayer:** Use 1 oz. of Chlorsulfuron 75 or Telar + 16 oz. of Alligare Surface

**Prescott or Redeem:** 2 qt./acre rate = 1.28 oz. per gallon of water

3 gallon backpack: 4 oz.

15 gallon sprayer: 19 oz.

25 gallon sprayer: 32 oz.

50 gallon sprayer: 64 oz.

**Cody or Curtail:** 2 qt./acre rate = 1.28 oz. per gallon of water

3 gallon backpack: 4 oz.

15 gallon sprayer: 19 oz.

25 gallon sprayer: 32 oz.

50 gallon sprayer: 64 oz.

**Triclopyr 3SL or Garlon 3A or Renovate:** 2 qt./acre rate = 1.28 oz. per gallon of water

3 gallon backpack: 4 oz.

15 gallon sprayer: 19 oz.

25 gallon sprayer: 32 oz.

50 gallon sprayer: 64 oz.

**Picloram 22K or Tordon 22K:** 1 qt./acre rate = 0.64 oz. per gallon of water

3 gallon backpack: 2 oz.

15 gallon sprayer: 9.5 oz.

25 gallon sprayer: 16 oz.

50 gallon sprayer: 32 oz.

**2,4-D Amine (4 lbs.):** 1 qt./acre rate = 0.64 oz. per gallon of water

3 gallon backpack: 2 oz.

15 gallon sprayer: 9.5 oz.

25 gallon sprayer: 16 oz.

50 gallon sprayer: 32 oz.

**2,4-D LV6 (6 lbs.):** 1 qt./acre rate = 0.64 oz. per gallon of water

3 gallon backpack: 2 oz.

15 gallon sprayer: 9.5 oz.

25 gallon sprayer: 16 oz.

50 gallon sprayer: 32 oz.

**Cruise Control or Banvel:** 1 pt./acre rate = 0.32 oz. per gallon of water

3 gallon backpack: 1 oz.

15 gallon sprayer: 5 oz.

25 gallon sprayer: 8 oz.

50 gallon sprayer: 16 oz.

**Milestone:** 6 fluid oz. per acre

3 gallon backpack: 10.6 cc

15 gallon sprayer: 1.8 oz.

25 gallon sprayer: 3 oz.

50 gallon sprayer: 6 oz.

**\*\*FOLLOW AND READ ALL HERBICIDE LABELS. THE LABEL IS THE LAW\*\***