

HOME GARDENS

Active Ingredient	Product Rate per 1000 sq ft/1 gal ¹	Remarks and Precautions
PREPLANT/PREPLANT INCORPORATED:		
glyphosate ¹	Roundup Ultra/others @ 0.5-1oz/1000 sq ft. Several brands available; consult labels for proper rates.	Apply at postemergence on weeds. A nonselective, post-emerge to be used before planting or crop emergence on actively growing weeds. Avoid spray drift to desirable plants. Spray weeds to wet but not to drip. Crops labeled include beets, carrots, celery, corn, cole crops, English and southern peas, Irish potatoes, Jerusalem artichoke, lima and snap beans, lettuce, greens, okra, onion, garlic, peanuts, radish, soybeans, sweet potatoes and asparagus (before spears appear).
trifluralin	Treflan 4 EC @ 1/3 fl oz/1,000 sq ft on medium soil 1/2 fl oz/1,000 sq ft on heavy soils	Apply before planting and incorporate. Use on snap or lima beans, cole crops, Irish potatoes, sunflowers and greens. Incorporate before transplanting tomatoes, cole crops, pepper and celery. Also for asparagus beds and at half rate postemergence (crop) between onion rows. Treflan controls many small seeded broadleaf weeds (pigweeds) and annual grasses.
PREEMERGENCE: (before crops or weeds emerge)		
glyphosate ¹	Roundup Ultra/others @ 0.5-1oz/1000 sq ft. Several brands available; consult labels for proper rates.	Apply at postemergence on weeds. A nonselective, post-emerge to be used before planting or crop emergence on actively growing weeds. Avoid spray drift to desirable plants. Spray weeds to wet but not to drip. Crops labeled include beets, carrots, celery, corn, cole crops, English and southern peas, Irish potatoes, Jerusalem artichoke, lima and snap beans, lettuce, greens, okra, onion, garlic, peanuts, radish, soybeans, sweet potatoes and asparagus (before spears appear).
metolachlor	Dual 8E @ 1/2 oz/1,000 sq ft on sandy soil 1.0 fl. oz/1,000 sq ft on medium-heavy soil Dual 25G @ 2.2 oz/1,000 sq ft on sandy soil 3.6 oz/1,000 sq ft on med-heavy soil	Apply before or after planting snap or lima beans, soybeans, sweet corn, peanuts, popcorn, Irish potatoes, southern peas, English peas and chickpeas. Apply after planting snap or lima beans, sweet corn, peanuts, popcorn, Irish potatoes, southern pecans, English peas and chickpeas Provides good residual grass control and controls some broadleaf weeds. Will not control emerged weeds.
DCPA	Dacthal 75% WP @ 4.0 oz/1,000 sq ft on sandy soil 5.0 oz./1,000 sq. ft. on med-heavy soil	Apply after planting snap beans (not limas), southern peas, greens, radish, garlic, onion, cole crops, Irish or sweet potatoes. Apply after transplanting tomatoes, peppers, cole crops and cucurbits. Apply 4-6 weeks after transplanting eggplants. Control many annual grasses and some broadleaf weeds.
POSTEMERGENCE: (after crop and weeds emerge)		
bentazon	Basagran 4 EC @ 1/2-3/4 oz/1000 sq ft	Snap or lima beans, mint, southern peas, peanuts, English peas and corn. Apply to small actively growing broadleaf weeds and yellow nutsedge. This treatment will not kill grasses. May need an adjuvant; see label.

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POSTEMERGENCE: (after crop and weeds emerge): continued		
fluazifop	Fusilade DX @ 0.5 oz/1000 sq ft Apply with NIS @ 0.33 oz/gal	Spray on young actively growing grassy weeds. Spray to wet weed foliage. Use on asparagus, carrots, onions, spinach, sweet potatoes, hot peppers and non-bell peppers.
sethoxydim	Poast @ 1 oz/1000 sq ft Apply with COC @ 1 oz/A	Spray on young, actively growing grassy weeds. Spray to wet weed foliage. Use on asparagus, beans, cole crops, cabbage, cucumbers, peanuts, greens, lettuce, melons, peas, peppers, pumpkins, potatoes, squash or tomatoes.

¹ The rates given in column 2 (Product Rate) are based on the amount of material needed to treat 1000 square feet. This amount of herbicide plus adjuvant (if required) should be diluted in 1 gallon of water and evenly distributed over 1000 square feet. If the area to be treated is smaller or larger than 1000 square feet the following method can be used for calibration: 1.) mark off an area that is 10 feet by 10 feet; 2) fill the sprayer with water only; 3) record the amount of time it takes to spray the area; 4) spray into a container for the amount time determined in step 3; 5) measure the water collected in ounces and divide by 128 to convert to gallons; 6) the number of gallons collected times 10 is the number of gallons used to spray 1000 square feet; and 7) adjust the rate by ((desired number of gallons/gallons per 1000 square feet)x the listed rate). Note this is not an exact calibration, but it will be close and help prevent over

² Refer to "Appendix A" for more information on various glyphosate brands and formulations.