

ONION (direct-seeded)

Herbicide (ai)	Product/A (ai/A)	Weeds	When to Apply	Remarks
Soil-Applied Herbicides				
Dacthal (DCPA)	10 lb WP 10 pt F (7.5 lb)	Lambsquarters. Annual grasses.	PRE.	Use ¼ inch irrigation to incorporate. If cool wet conditions are expected, delay application until onion seed has germinated to avoid injury.
Nortron (ethofumesate)	2-4 pt (1 to 2 lb)	Good pigweed control (PRE only) and smartweeds. Some nightshade control.	PRE or POST.	Use ½ inch irrigation to incorporate. Injury may occur if applied to stressed crop; delay application until crop has recovered. Application rates vary with soil type. See label. Do not exceed 6 pt per year. Wild oat control is inconsistent. POST applications are absorbed by roots and translocated to foliage. Allow a 32 day PHI for Nortron. For carryover questions see Y11 Pages: 108-110
Outlook (dimethenamid-P)	12 to 21 fl oz (0.56 to 0.98 lb)	Grass and some broadleaf weeds.	POST. Onion: 2-leaf stage.	Use rates depend on soil type and soil OM. On course textured soils apply 12 to 18 fl oz. On fine to medium textured soils apply 18 to 21 fl oz. Can be applied in split applications at least 14 days apart. Do not exceed 21 fl oz per year in total. Allow a 30 day PHI for Outlook.
Prefar (bensulide)	5 to 6 qt (5 to 6 lb)	Redroot pigweed. Foxtails and barnyardgrass.	PPI or PRE.	PPI to a depth of 1 to 2 inches prior to planting. PRE applications must be followed by immediate irrigation. Wet soil at least 2 to 4 inches deep. Use during unfavorable environmental conditions may reduce stand.
Prowl Prowl H20 (pendimethalin)	1.8 to 3.6 pt EC (0.74 to 1.49 lb) 1.5 to 3 pt ACS (0.71 to 1.43 lb)	Grass and some broadleaf weeds.	POST. Onion: 2-leaf to 9-leaf stage.	Adjust rate for soil type. Prowl/Prowl H20: Coarse soils, 1.8 pt/1.5 pt; Medium soils, 2.4 pt/2 pt; Fine soils, 3.6 pt/3 pt. Poor wild oat and wild mustard control. Delay application if heavy rain expected. Allow a 45 day PHI for Prowl or Prowl H20. A2 Y1
POST-Applied Herbicides				
Buctril Buctril 4EC (bromoxynil)	1 to 1.5 pt 0.5 to 0.75 pt 4EC (0.25 to 0.38 lb)	Annual broadleaf weeds 2 inches tall or less.	POST. Onion: 2-leaf to 5-leaf stage.	Poorly suppresses common purslane. Environmental conditions may reduce cuticular wax on the onion leaves, increasing chance for injury. Therefore, Apply to dry soil; dry leaves; during sunny days; low humidity. Use at least 50-70 gallons of water per acre. Do not apply aerially. Drift potential is high during temperature inversions. Do not apply more than 1.5 pt 2EC or 0.75 pt 4EC per growing season. A3 X1 Pages: 104-105
Goal Goaltender (oxyfluorfen)	0.5 pt EC 0.25 pt SC (0.125 lb)	Annual broadleaf weeds with 2 to 4 leaves.	POST. Onion: 2-leaf stage.	Apply with a minimum 40 gallons of water per acre. Do not apply more than 2 pt EC or 1 pt SC per growing season. Do not apply to stressed plants. Allow a 45 day PHI for Goal or Goaltender.
Fusilade DX (fluazifop-P-butyl)	6 to 12 fl oz (1.5 to 3 oz)	Annual grasses, quackgrass, and volunteer grass crops.	POST.	Add oil adjuvant 1% v/v but not less than 1.25 pt/A. Poast applied with adjuvants should be used with caution when temperature exceeds 90 F and relative humidity is greater than 60% or when temperature is 100 F regardless of humidity. Refer to soybean section for rates for different grass species. Apply Select or Select Max with a minimum 20 gallons per acre by ground and 10 gallons per acre by air. See Select Max label for detailed rate and adjuvant recommendations. Allow a 45 day PHI for Fusilade DX. Allow a 30 day PHI for Poast. Allow a 45 day PHI for Select or Select Max. A5-6 E2 Pages: 102-103, 104-105
Select / generic clethodim	6 to 16 fl oz (1.5 to 4 oz)		Grass weeds: Refer to table in soybean section on page 26.	
Select Max (clethodim)	9 to 32 floz (1.09 to 3.88 oz)			
Poast (sethoxydim)	0.5 to 1.5 pt (1.5 to 4.5 oz)	Annual grasses.		