

Crop, Situation, and Active Chemical Per Broadcast Acre	Weeds Controlled	Formulated Material Per Broadcast Acre	Time of Application	Method of Application and Precautions
WILDLIFE FOOD PLOTS				
Oats [cont.]				
2,4-D amine @ 0.25 to 1.0 lb/A	Annual and perennial broadleaf weeds.	2,4-D amine 0.5 to 2 pt/A of 4 lb/gal 2,4-D. Use the higher rate for late applications and high infestations.	Apply after oat is fully tillered but not forming joints in the stem.	Apply 0.25 to 0.5 pt/A if underseeded with legume. Use higher rate only if weed infestation is severe and legume injury can be tolerated.
Austrian Winter Pea [dry pea]				
pendimethalin @ 0.5 to 1.49 lb/A	Annual grasses and small-seeded broadleaves.	Prowl 3.3 EC 1.2 to 3.6 pt/A. Apply lower rate to coarse soils and higher rate to fine (clay) soils	Preplant incorporated.	May be applied immediately before planting or up to 60 days prior to planting. Must be incorporated. DO NOT APPLY preemergence.
sethoxydim @ 0.2 to 0.3 lb/A	Annual grasses and johnsongrass.	Poast 1.5 EC 6 to 8 oz/A + crop oil concentrate @ 1% v/v.	Small annual grasses. Johnsongrass 15 to 20 inches. Do not apply to grass under stress.	See comments for Poast in soybean section. Do not apply more than 5 pt/A per year. Split application most effective for johnsongrass. 1.5 pt/A followed by 1 pt/A.
imazethapyr @ 0.047 lb/A	Annual grasses and broadleaves.	Pursuit 70 DG 1.08 oz/A.	Can be applied preplant incorporated, preemergence or early postemergence (fall).	Add nonionic surfactant at 0.25% v/v with postemergence applications. Apply after plants reach 3 inches in height, but prior to 5 nodes. Needs rainfall for optimum activity.
imazamox @ 0.031 lb/A	Annual grasses and broadleaves.	Raptor 4 oz/A + nonionic surfactant @ 0.25% v/v.	Postemergence (fall).	Apply when peas have at least 3 pairs of leaves, but prior to bloom stage. Apply when crop and weeds are actively growing.
SUNFLOWERS (Grown for Doves)				
Note: Sunflower recommendations are based on drilled or planted sunflowers with adequate seed coverage. Broadcast seeding may result in an increased risk of herbicide injury.				
Preplant Incorporated				
metolachlor @ 1.27 lb/A	Annual grasses, nutsedge, and small-seeded broadleaf weeds.	Dual Magnum 1.33 pt/A.	Prior to planting.	Avoid high rates.
pendimethalin @ 0.5 to 1.5 lb/A	Annual grasses and small-seeded broadleaf weeds.	Prowl 3.3 EC or Pendimax 3.3 EC 1.2 to 3.6 pt/A.	Up to 14 days prior to planting.	Incorporate within 7 days. Use low rate on sandy soils.

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ethalfuralin @ 0.56 to 1.125 lb/A	Annual grasses and small-seeded broadleaf weeds.	Sonalan HFP 1.5 to 3 pt/A.	Prior to planting.	Incorporate with 2 passes in opposite directions no more than 48 hours after application. See label for improved groundcherry control program.
trifluralin @ 0.5 to 1.0 lb/A	Annual grasses and small-seeded broadleaf weeds.	Treflan, Trilin, Trifluralin 4 EC 1.0 to 2.0 pt/A.	Up to 14 days prior to planting.	Incorporate immediately. Use 1.0 pt/A on sandy soils.
Preemergence				
metolachlor @ 1.27 lb/A	Annual grasses and small-seeded broadleaf weeds.	Dual Magnum 1.33 pt/A.	Immediately after planting.	Do not apply POST. Avoid high rates.
pendimethalin @ 0.5 to 1.5 lb/A	Annual grasses and small-seeded broadleaf weeds.	Prowl or Pendimax 3.3 1.2 to 3.6 pt/A.	Immediately after planting.	Must receive activating rainfall within 7 days. Do not apply POST.
sulfentrazone @ 0.125 lb/A	Annual broadleaf weeds.	Spartan 4F 4 oz/A.	Up to 3 days after planting.	Do not use POST. Tank mixtures of Prowl or Dual with Spartan have performed well in University trials.
Postemergence				
clethodim @ 0.125 lb/A	Annual grasses, johnsongrass, and red rice.	Select 2 EC 8 oz/A. Use 1 qt/A or 1.0% v/v crop oil concentrate.	2 to 6 inch tall grass weeds.	Must add crop oil concentrate. Avoid applications during periods of drought.
Clearfield Sunflowers				
imazamox @ 0.039 lb/A	Annual grasses, suppression of johnsongrass and certain broadleaf weeds. Good on broadleaf signalgrass and foxtail.	Beyond 1 AS 5 oz/A. Surfactant and liquid nitrogen are required as adjuvants.	3 to 4 inch weeds and grass.	Avoid applications during dry periods. Preliminary research has shown that a soil-applied program is needed prior to making POST Beyond applications in Arkansas. Use on Clearfield hybrids only!