

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				
Burndown, Preplant				
glyphosate @ 1.0 to 2.0 lb/A	Emerged weeds.weeds including woody plants.	Glyphosate (4 lb/gal formulations) 1 to 2 qt/A.	Apply at least 14 days before seedbed preparation.	Contains surfactant. May be applied as a foliar directed spot spray.Field must be free of standing water. Avoid drift to sensitive crops.
Clover				
benfen @ 1.12 to 1.5 lb/A	Summer annual grasses and some broadleaves.	Balan 60 DF 2 lb/A.	From 10 weeks prior to planting up to planting.	Thoroughly incorporate into upper 3 inches of soil immediately after application.
sethoxydim @ 0.2 to 0.3 lb/A	Annual grasses and johnson-grass.	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.
2,4-DB amine @ 0.5 lb/A	Annual and perennial broadleaf weeds.	Butyrac, Butoxone 1.15 qt/A of 0.875 lb/gal 2,4-DB or 1 qt/A of 2 lb/gal.	When legumes (seedlings or established stands) have 2 or more true leaves with weeds in seedling stage.	Best control is achieved with weeds in the 2- to 4-leaf stage. Will not control henbit or chickweed. Safe on clovers and grasses.
Greens [collards, kale, mustard, turnips]				
sethoxydim @ 0.2 to 0.3 lb/A	Annual grasses and johnson-grass.	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.
Oats				
carfentrazone-ethyl @ 0.008 to 0.031 lb/A	Annual broadleaf weeds.	Aim 2 EC 1.0 to 1.9 oz/A.	Postemergence to weeds up to 4 inches tall.	Use a nonionic surfactant at 0.25% v/v. Coverage is essential for good control. Do not apply more than 1.9 oz/A per year.
dicamba @ 0.063 to 0.125 lb/A	Annual broadleaf weeds.	Clarity 2.0 to 4.0 oz/A.	At planting or postemergence prior to 5-leaf stage on spring-seeded oats or prior to jointing on fall-seeded oats.	
thifensulfuron-methyl + tribenuron-methyl @ 0.014 to 0.01875 lb/A	Annual broadleaf weeds.	Harmony Extra 75 XP 0.3 to 0.4 oz/A.	Make application after the 2-leaf stage, but before flag leaf in fall-seeded oat and after 3-leaf stage but before jointing in spring-seeded oat.	Add a nonionic surfactant at 0.25% v/v. Check rotation intervals.
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.

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WILDLIFE FOOD PLOTS [cont.]				
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.
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.