

| 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 [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. |

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| 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. | | | | |
| 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! |