<table>
<thead>
<tr>
<th>Crop, Situation, and Active Chemical Per Broadcast Acre</th>
<th>Weeds Controlled</th>
<th>Formulated Material Per Broadcast Acre</th>
<th>Time of Application</th>
<th>Method of Application and Precautions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Oats</strong></td>
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<tr>
<td>carfentrazone-ethyl @ 0.008 to 0.031 lb/A</td>
<td>Annual broadleaf weeds.</td>
<td>Aim 2 EC 1.0 to 1.9 oz/A.</td>
<td>Postemergence to weeds up to 4 inches tall.</td>
<td>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.</td>
</tr>
<tr>
<td>dicamba @ 0.063 to 0.125 lb/A</td>
<td>Annual broadleaf weeds.</td>
<td>Clarity 2.0 to 4.0 oz/A.</td>
<td>At planting or postemergence prior to 5-leaf stage on spring-seeded oats or prior to jointing on fall-seeded oats.</td>
<td></td>
</tr>
<tr>
<td>thifensulfuron-methyl + tribenuron-methyl @ 0.014 to 0.01875 lb/A</td>
<td>Annual broadleaf weeds.</td>
<td>Harmony Extra 75 XP 0.3 to 0.4 oz/A.</td>
<td>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.</td>
<td>Add a nonionic surfactant at 0.25% v/v. Check rotation intervals.</td>
</tr>
<tr>
<td>2,4-D amine @ 0.25 to 1.0 lb/A</td>
<td>Annual and perennial broadleaf weeds.</td>
<td>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.</td>
<td>Apply after oat is fully tillered but not forming joints in the stem.</td>
<td>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.</td>
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<tr>
<td><strong>Millet (Japanese, Proso, Others)</strong></td>
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<tr>
<td>glyphosate @ 1 lb/A</td>
<td>Annual grass and broadleaf weeds. Weak on morning-glories.</td>
<td>Glyphosate (4 lb/gal formulations) 2 pt/A.</td>
<td>Use prior to planting for vegetation knockdown.</td>
<td>Apply to actively growing weeds.</td>
</tr>
<tr>
<td>2,4-D amine @ 0.5 lb/A</td>
<td>Morningglory, cocklebur, and most other broadleaf weeds.</td>
<td>2,4-D 4L 1 pt/A. Add 0.25% v/v nonionic surfactant.</td>
<td>4- to 6-inch millet.</td>
<td>Do not apply when heading.</td>
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<tr>
<td>dicamba @ 0.25 lb/A</td>
<td>Morningglory, cocklebur, and most other broadleaf weeds, horseweed and ragweeds.</td>
<td>Banvel or Clarity 4SL 0.5 pt/A.</td>
<td>2- to 5-leaf stage.</td>
<td>Do not apply when heading.</td>
</tr>
<tr>
<td>prosulfuron @ 0.027 lb/A</td>
<td>Most broadleaf weeds.</td>
<td>Peak 0.75 oz/A. Add 0.25% v/v nonionic surfactant.</td>
<td>Apply to actively growing millet 8 to 10 inches tall.</td>
<td>Will not control ALS-resistant weeds. Do not apply to millet under stress.</td>
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<td><strong>SUNFLOWERS (Grown for Doves)</strong></td>
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<td><strong>Note:</strong> 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</td>
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<tr>
<td>metolachlor @ 1.27 lb/A</td>
<td>Annual grasses, nutsedge, and small-seeded broadleaf weeds.</td>
<td>Dual Magnum 1.33 pt/A.</td>
<td>Prior to planting.</td>
<td>Avoid high rates.</td>
</tr>
<tr>
<td>pendimethalin @ 0.5 to 1.5 lb/A</td>
<td>Annual grasses and small-seeded broadleaf weeds.</td>
<td>Prowl 3.3 EC or Pendimax 3.3 EC 1.2 to 3.6 pt/A.</td>
<td>Up to 14 days prior to planting.</td>
<td>Incorporate within 7 days. Use low rate on sandy soils.</td>
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<td>Preplant Incorporated [cont.]</td>
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<tr>
<td>ethalfuralin @ 0.56 to 1.125 lb/A</td>
<td>Annual grasses and small-seeded broadleaf weeds.</td>
<td><strong>Sonalan HFP</strong> 1.5 to 3 pt/A.</td>
<td>Prior to planting.</td>
<td>Incorporate with two passes in opposite directions no more than 48 hours after application. See label for improved groundcherry control program.</td>
</tr>
<tr>
<td>trifluralin @ 0.5 to 1.0 lb/A</td>
<td>Annual grasses and small-seeded broadleaf weeds.</td>
<td><strong>Treflan, Trilin, Trifluralin 4 EC</strong> 1.0 to 2.0 pt/A.</td>
<td>Up to 14 days prior to planting.</td>
<td>Incorporate immediately. Use 1 pt/A on sandy soils.</td>
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<td>Preemergence</td>
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<td>metolachlor @ 1.27 lb/A</td>
<td>Annual grasses and small-seeded broadleaf weeds.</td>
<td><strong>Dual Magnum</strong> 1.33 pt/A.</td>
<td>Immediately after planting.</td>
<td>Do not apply POST. Avoid high rates.</td>
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<td>pendimethalin @ 0.5 to 1.5 lb/A</td>
<td>Annual grasses and small-seeded broadleaf weeds.</td>
<td><strong>Prowl or Pendimax 3.3</strong> 1.2 to 3.6 pt/A.</td>
<td>Immediately after planting.</td>
<td>Must receive activating rainfall within 7 days. Do not apply POST.</td>
</tr>
<tr>
<td>pyroxasulfone @ 0.05 to 0.2 lb/A</td>
<td>Grasses and broadleaves, including pigweed.</td>
<td><strong>Zidua 0.85 WG</strong> Pre-plant/PRE 1.0 to 4.0 oz/A POST 1.0 to 2.0 oz/A</td>
<td>Zidua may be applied preplant surface, preemergence or early postemergence to sunflower for residual preemergence weed control.</td>
<td>Do not exceed 1.5 oz on sandy soils or 5.0 oz on other soils. Do not apply PPI, or at crack/cotyledon stages. <strong>Do not tank mix POST with Beyond on CL sunflowers.</strong> 60 day PHI.</td>
</tr>
<tr>
<td>sulfentrazone + carfentrazone @ 0.12 + 0.014 to 0.15 to 0.016 lb/A</td>
<td>Annual broadleaf weeds.</td>
<td><strong>Spartan Charge</strong> 5 to 6 oz/A.</td>
<td>Up to 3 days after planting.</td>
<td>Do not use POST. Tank mixtures of Prowl or Dual with Spartan have performed well in University trials.</td>
</tr>
<tr>
<td>sulfentrazone + S-metolachlor @ 0.13 + 1.2 lb/A</td>
<td>Grass and broadleaf weeds.</td>
<td><strong>BroadAxe 7 EC or Authority Elite</strong> 24 oz/A.</td>
<td>Immediately after planting.</td>
<td>Do not apply POST.</td>
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<tr>
<td>clethodim @ 0.125 lb/A</td>
<td>Annual grasses, johnsongrass, and red rice.</td>
<td><strong>Select Max 0.97 EC</strong> 16 oz/A. Use 1 qt/A or 1.0% v/v crop oil concentrate.</td>
<td>2 to 6 inch tall grass weeds.</td>
<td>Must add crop oil concentrate. Avoid applications during periods of drought.</td>
</tr>
<tr>
<td>Clearfield Sunflowers</td>
<td>Annual grasses, suppression of johnsongrass and certain broadleaf weeds. Good on broadleaf signalgrass and foxtail.</td>
<td><strong>Beyond 1 AS</strong> 5 oz/A. Surfactant and liquid nitrogen are required as adjuvants.</td>
<td>3 to 4 inch weeds and grass.</td>
<td>Avoid applications during dry periods. Preliminary research has shown that a soil-applied program is needed prior to making POST Beyond applications in Arkansas. <strong>Use on Clearfield hybrids only!</strong></td>
</tr>
</tbody>
</table>