An important consideration for planting sorghum following other crops is the plant-back restrictions on herbicide labels that should be considered. The following table is a revision of a larger, more inclusive table that was originally authored by Tom Barber, Jason Norsworthy and Bob Scott from the University of Arkansas Division of Agriculture Weed Science Program. The table consists of herbicide trade names and their plant-back restrictions for sorghum grown in Arkansas. Although this information was originally prepared for Arkansas growers, plant back restrictions will be similar for other states. Check labels for any changes and any specifics for a particular region.

**Designation for time periods are as follows:**
- **I** – crops can be planted immediately,
- **D** – the number of days for crop replant interval,
- **M** – the number of months,
- **FY** – crops can be planted the following year and **FS** – the following season, **FB** – conduct field bioassay prior to planting these crops.

### SORGHUM PLANT-BACK INTERVALS FOR COMMON HERBICIDES

<table>
<thead>
<tr>
<th>HERBICIDE</th>
<th>GRAIN SORGHUM</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4-D</td>
<td>7D</td>
</tr>
<tr>
<td>Accent</td>
<td>10/18M¹</td>
</tr>
<tr>
<td>Aim</td>
<td>I</td>
</tr>
<tr>
<td>Anthem</td>
<td>11M</td>
</tr>
<tr>
<td>Anthem ATZ</td>
<td>FY</td>
</tr>
<tr>
<td>Anthem Flex</td>
<td>11M</td>
</tr>
<tr>
<td>Armezon</td>
<td>9M</td>
</tr>
<tr>
<td>Assure II</td>
<td>120D</td>
</tr>
<tr>
<td>Atrazine²</td>
<td>I</td>
</tr>
<tr>
<td>Authority Elite</td>
<td>10M</td>
</tr>
<tr>
<td>Authority MTZ/XL</td>
<td>10M³</td>
</tr>
<tr>
<td>Axiom</td>
<td>1Y</td>
</tr>
<tr>
<td>Axial XL</td>
<td>90D</td>
</tr>
<tr>
<td>Balance Flexx</td>
<td>6M</td>
</tr>
<tr>
<td>Basagran</td>
<td>I</td>
</tr>
<tr>
<td>Beyond</td>
<td>9M</td>
</tr>
<tr>
<td>Bicep II/Magnum²</td>
<td>14</td>
</tr>
<tr>
<td>Bolero</td>
<td>6M</td>
</tr>
<tr>
<td>Boundary</td>
<td>12M</td>
</tr>
<tr>
<td>Callisto</td>
<td>I</td>
</tr>
<tr>
<td>Canopy DF</td>
<td>10M³</td>
</tr>
<tr>
<td>Caparol 4L</td>
<td>FY</td>
</tr>
<tr>
<td>Capreno³</td>
<td>10M⁶</td>
</tr>
<tr>
<td>Clarity</td>
<td>15D</td>
</tr>
</tbody>
</table>

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### HERBICIDE | GRAIN SORGHUM
---|---
Marksman² | I
MSMA | I
Newpath⁷ | 18M
Obey | 309D
Osprey | 10M
Outlook | ²
Paraquat | ²
Peak | ²
Permit/HaloMax | 2M
Permit Plus | 2M
Poast Plus | 309D
PowerFlex HL | 90D
Prefix | 10M
Prowl H₂O | FS
Python | 12M
Realm Q | 10M
RebelEX | 309D
Reflex | 10M
Regiment | FY
Resolve Q | 10M⁹
RiceBeaux | 60D
RicePro | 309D
Rice-Star HT | 309D
Select Max | 309D
Sencor | 18M
Sequence | ²
Sharpen | ²
Solicam | 2Y
Sonic/Authority First | 12M
Spartan | 10M¹¹
Spartan Charge | 10M¹²
Stam M⁴ | ²
Staple LX | 18M
Storm | 100D
Strada PRO | 3M
Strada XT⁷ | 309D
Suprend | 7M
Surestart II | 12M
Surpass | FS
Treflan | 12M
Ultra Blazer | 100D
Valor | 30D³
Verdict | ²
Warrant | ²
Zidua | 6-12M¹³

### NOTES:

¹Grain Sorghum may be planted 10 months after application on soils with pH 7.5 or less. If soil pH is greater than 7.5, do not plant Grain Sorghum less than 18 months after application.

²If applied after June 10, do not rotate to any crop other than Corn or Grain Sorghum the year following application or injury may occur.

³Time interval increases with the increase of rate and soil pH level.

⁴Replant only with Concept-treated or screen-treated seed.

⁵Increase rotational interval for Grain Sorghum to 18 months if pH is 7.5 or greater or if Capreno rate exceeds 3 oz/A.

⁶Needs 15 inches cumulative precipitation from application to planting rotational crop.

⁷For Newpath use rates greater than 8 oz/A per season; only Soybeans may be planted the following year.

⁸Needs 30 inches cumulative precipitation from application to planting rotational crop.

⁹If 4 oz/A or less used and 1 inch of rainfall/irrigation received after application.

¹⁰If less than 15 inches of rainfall received since application, extend replant intervals to 18 months. If pH greater than 6.5, do not plant Rice following year.

¹¹Rotation to Grain Sorghum is 18 months when Spartan is applied at 8 oz/A.

¹²Rotation to Cotton and Grain Sorghum is 18 months when Spartan Charge is applied at 10.2 fl oz/A.

¹³Rotation intervals increase with higher application rates.

Disclaimer: Brand names are subject to change; always read and follow label instructions.