

# SORGHUM PLANT-BACK INTERVALS FOR COMMON HERBICIDES

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.**

HERBICIDE	GRAIN SORGHUM
2,4-D	7D
Accent	10/18M <sup>1</sup>
Aim	I
Anthem	11M
Anthem ATZ	FY
Anthem Flex	11M
Armezon	9M
Assure II	120D
Atrazine <sup>2</sup>	I
Authority Elite	10M
Authority MTZ/XL	10M <sup>3</sup>
Axiom	1Y
Axial XL	90D
Balance Flexx	6M
Basagran	I
Beyond	9M
Bicep II/Magnum <sup>2</sup>	I4
Bolero	6M
Boundary	12M
Callisto	I
Canopy DF	10M <sup>3</sup>
Caparol 4L	FY
Capreno <sup>5</sup>	10M <sup>6</sup>
Clarity	15D

HERBICIDE	GRAIN SORGHUM
Classic	9M
Clearpath <sup>7</sup>	18M
Clethodim/Select	30D
Clincher SF	3M
Cobra	I
Command	9M
Corvus	17M <sup>8</sup>
Cotoran	6M
Direx	6M
Distinct	30 <sup>9</sup>
Dual/Magnum	I <sup>4</sup>
Duet	60D
Envive <sup>3</sup>	10M
Envoke	7M
Facet L	I
Fierce	12M
Finesse G&B	FB
FirstRate	9M
FirstShot	14D <sup>3</sup>
Flexstar	10M
Fusilade DX/ Fusion	60D
Gangster/Surveil	9M
Glyphosate	I
Goal 2XL	10M
Gramoxone SL	I
Grandstand	4M
Grasp/Xtra	3M
Guardsman Max	I
Halex GT	I
Harmony Extra	14D <sup>3</sup>
Harmony GT	I
Harness	FY
Hoelon	FS
Huskie	4M
Keystone NXT	I
Laudis	10M
Layby Pro	4M
Leadoff	10M
League	12M
Lexar EZ	FS
Liberty	180D
Linex	I
Londax	4M

HERBICIDE	GRAIN SORGHUM
Marksman <sup>2</sup>	I
MSMA	I
Newpath <sup>7</sup>	18M
Obey	309D
Osprey	10M
Outlook	I <sup>4</sup>
Paraquat	I
Peak	I
Permit/HaloMax	2M
Permit Plus	2M
Poast Plus	30D
PowerFlex HL	90D
Prefix	10M
Prowl H <sub>2</sub> O	FS
Python	12M
Realm Q	10M
RebelEX	30D
Reflex	10M
Regiment	FY
Resolve Q	10M <sup>10</sup>
RiceBeaux	60D
RicePro	309D
Rice-Star HT	30D
Select Max	30D
Sencor	18M
Sequence	I
Sharpen	I
Solicam	2Y
Sonic/Authority First	12M
Spartan	10M <sup>11</sup>
Spartan Charge	10M <sup>12</sup>
Stam M <sup>4</sup>	I
Staple LX	18M
Storm	100D
Strada PRO	3M
Strada XT <sup>7</sup>	309D
Suprend	7M
Surestart II	12M
Surpass	FS
Treflan	12M
Ultra Blazer	100D
Valor	30D <sup>3</sup>
Verdict	I <sup>4</sup>
Warrant	I
Zidua	6-12M <sup>13</sup>

## NOTES:

<sup>1</sup>Grain 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.

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

<sup>3</sup>Time interval increases with the increase of rate and soil pH level.

<sup>4</sup> Replant only with Concept-treated or screen-treated seed.

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

<sup>6</sup>Needs 15 inches cumulative precipitation from application to planting rotational crop.

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

<sup>8</sup>Needs 30 inches cumulative precipitation from application to planting rotational crop.

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

<sup>10</sup>If 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.

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

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

<sup>13</sup>Rotation intervals increase with higher application rates.

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