

Waiting Period or Limitations Before Utilizing Herbicide Treated Corn for Grazing or Forage Feed¹

| Herbicide | Grazing | Forage (silage, hay, etc.) |
|---|-------------------------------|-------------------------------|
| Accent Q | 30 days | 30 days |
| Acuron | 45 days | 60 days |
| Acuron Flexi | 45 days | 45 days |
| Anthem ATZ | 60 days | 70 day (fodder) |
| Armezon | 45 days | 45 days |
| Armezon PRO | 45 days | 45 days |
| Atrazine | 60 days | 60 days |
| Balance | 45 days | 45 days |
| Bicep II Magnum | 60 days | 60 days |
| Callisto | 45 days | 45 days |
| Callisto GT | 45 days | 45 days |
| Callisto Xtra | 60 days | 60 days |
| Capreno | 45 days | 45 days |
| Corvus | 45 days | 45 days |
| 2,4-D | 7 days | 7 days |
| Degree | None | None |
| Degree Xtra | 60 day | 60 day |
| Dicamba (eg. Clarity) | Past "milk" stage | Past "milk" stage |
| DiFlexx | ----- | 45 days |
| DiFlexx Duo | 45 days | 45 days |
| Dual II Magnum / Cinch | 30 days | 30 days |
| Expert (Conventional hybrids) (Roundup Ready corn) | 60 days 30 days | 60 days 30 days |
| Fierce | None | None |
| FulTime | 60 days | 60 days |
| Glyphosate [eg. Roundup] (burndown) (in-crop application) (post-harvest) | 8 weeks 50 days 8 weeks | 8 weeks 50 days 8 weeks |
| Gramoxone (in-crop directed) (preharvest) | None 7 days | None 7 days |

| Herbicide | Grazing | Forage (silage, hay, etc.) |
|--------------------|--------------|-------------------------------|
| Guardsman Max | 60 days | 60 days |
| Halex GT | 45 days | 45 days |
| Harness | None | None |
| Harness MAX | 60 days | 60 days |
| Harness Xtra | 60 days | 60 days |
| Impact | 45 days | 45 days |
| Impact Z | 60 days | 60 days |
| Instigate | 45 days | 45 days |
| Keystone | 60 days | 60 days |
| Laudis | 45 days | 45 days |
| LeadOff | 30 days | 30 days |
| Lexar EZ | 45 days | 60 days |
| Liberty | 60 days | 60 days |
| Outlook | 40 days | 40 days |
| Permit | 30 days | 30 days |
| Princep | Do not graze | --- |
| Prowl | None | None |
| Prowl H20 | 21 days | 21 days |
| Realm Q | 45 days | 45 days |
| Resicore | 45 days | 45 days |
| Resolve Q | 30 days | 30 days |
| Sharpen | 80 days | 80 days |
| Simazat | Do not graze | ---- |
| Spirit | 30 days | 40 days |
| Status | ---- | 32 days |
| Steadfast Q | 30 days | 30 days |
| Surpass / TopNotch | None | None |
| Verdict | 80 days | 80 days |
| Zemax | 45 days | 45 days |

¹ This table should be used as guide for herbicide treated corn when utilized for grazing or as a forage crop. Time intervals and limitations are based on the herbicide when used alone. When more than one herbicide has been applied, the most restrictive product should be followed. However, some labeled tank mixtures have more restrictive guidelines. Always refer to the herbicide label(s) for specific information.

Waiting Period or Limitations before Utilizing Herbicide Treated Soybeans for Harvested Grain or Forage Feed¹

| Herbicide | Harvested Grain | Forage (silage, hay, etc.) |
|---|--|--|
| Anthem Maxx | 60 days | Do not feed |
| Assure II | 80 days; Do not apply after pod set | Do not feed |
| Authority Elite & BroadAxe HC | --- | 30 days |
| Authority First / Sonic | 65 days | Do not feed |
| Authority MTZ | --- | Do not feed |
| Authority Assist | --- | Do not feed |
| Authority XL | --- | Do not feed |
| Boundary | ---- | 40 days |
| Butyrac 200 | 60 days | 60 days |
| Canopy/Canopy Blend | --- | Do not feed |
| Canopy EX | --- | 14 days |
| Cheetah Max | 70 | Do not feed |
| Classic | 60 days before maturity | Do not feed |
| Cobra / Phoenix | 45 days (Do not apply later than R6 stage or full seed) | Do not feed |
| 2,4-D | --- | Do not feed |
| Dual II Magnum & Cinch | 90 days for post | None for soil applied Do not for post applied |
| Extreme | 85 days (Apply before bloom) | Do not feed |
| Envive | --- | Do not feed |
| Express TotalSol | --- | Do not feed |
| Fierce / Fierce XLT | --- | Do not feed |
| FirstRate ≤ 0.3 oz/A > 0.3 oz/A | 65 days 70 days | 14 days 25 days |
| Flexstar / Flexstar GT | 45 days | Do not feed |
| Fusion | Apply before bloom | Do not feed |
| Fusilade DX | 60 days | 60 days |
| Glyphosate | Consult product label | Consult product label |
| Gramoxone Inteon or Firestorm or Parazone (At planting) (Post Directed) (Harvest Aid) | — — 15 days | Early pod stage Do not feed Do not feed |
| HarmonyExtra/FirstShot | --- | Do not feed |

| Herbicide | Harvested Grain | Forage (silage, hay, etc.) |
|--|---------------------------------|--|
| Harmony SG | 60 days | Do not feed |
| Intimidator | 90 days | Do not feed |
| LeadOff | 30 days | 30 days |
| Liberty | 70 days | Do not feed |
| Matador | --- | Do not feed |
| Metribuzin (Soil-Applied) (Post-Directed) | 70 days | 40 days* 70 days (dry vines) Do not feed (green vines) |
| Outlook | --- | Do not feed |
| Poast or Poast Plus | 75 days | Soybean hay may be fed (Do not graze or feed silage) |
| Prowl | 85 days | None* |
| Prefix Pre Post | 90 days | Do not feed |
| Pursuit | 85 days (Apply before bloom) | Do not feed |
| Python / Accolade | 85 days | Do not feed |
| Raptor | (Apply before bloom) | None* |
| Resource | 60 days | Do not feed |
| Scepter | 90 days | Do not feed |
| Select MAX, Select, & similar products. | 60 days | Do not feed |
| Sequence (Preplant or Pre) (Post) | 90 days | 30 days Do not feed |
| Sharpen | --- | 65 days |
| Surveil | --- | Do not feed |
| Synchrony XP | 60 days before maturity | Do not feed |
| Trivence | --- | Do not feed |
| Ultra Blazer | 50 days | Do not feed |
| Valor EZ or Valor SX | ---- | Do not feed |
| Valor XLT | ---- | Do not feed |
| Verdict | ---- | Do not feed |
| Warrant Ultra | 45 days | Do not feed after post |
| Zidua | ---- | --- |
| Zidua PRO | 85 days | Do not feed |

*Use as a forage crop may be prohibited when applied in a tank mixture or sequential treatment with other herbicides. --- No restrictions indicated on herbicide label
¹This table should be used as guide for herbicide treated soybean when harvested for grain or as a forage crop. Time intervals and limitations are based on the herbicide when used alone. When more than one herbicide has been applied, the most restrictive product should be followed. However, some labeled tank mixtures have more restrictive guidelines. Always refer to the herbicide label(s) for specific information.

Crop Replanting and Rotation Guide ^{*}

| Herbicide | Minimum Waiting Period (months) For Replant or Rotation Crops ¹ | | | | | | | Remarks |
|--|---|---------------|---------|----------------|---------|----------------|---------|---|
| | Corn (field) | Grain Sorghum | Soybean | Wheat & Barley | Alfalfa | Forage Grasses | Tobacco | |
| Accent Q | 0* | 10** | 0.5 | 4 | 10 | 10*** | 10*** | *Popcorn or sweet corn may be planted 10 months following application. Consult label for sweet corn varieties. **Delay planting sorghum a minimum of 18 months if soil pH >7.5. ***Delay planting forage grasses or tobacco a minimum of 18 months if soil pH >6.5. |
| Acuron | 0 | 10 | 10* | 4 | 18 | 18 | 18 | *If applied after June 1, rotating to crops other than corn may result in crop injury. |
| Acuron Flexi | 0 | 10* | 10* | 4 | 10* | 18 | 18 | *If applied after June 1, rotating to crops other than corn may result in crop injury. |
| Anthem Maxx | 0 | 11 | 0 | 4* | 10 | 18 | 18 | *Allow 11 months for barley |
| Anthem ATZ | 0 | 18 | S* | 2F** | 18** | 18** | 18** | *Some conditions may prohibit planting soybean until after 18 months (consult label) **Consult label for seeding small grains, small seeded legumes, forage grasses, and tobacco. |
| Anthem Flex | 0 | 18 | 0 | 0* | 10 | 18 | 18 | Consult label for rates exceeding 3.64 oz/A *Allow 11 months for barley. |
| Armezon | 0 | 9 | 9 | 3 | 9 | 18 | 18 | Wait 18 months for crops not listed on the label. |
| Armezon PRO | 0 | 9 | 9 | 4 | 9 | 18 | 18 | Wait 18 months for crops not listed on the label. Consult label for some specialty crops. |
| Assure II | 4 | 4 | 0 | 4 | 4 | 4 | 4 | Do not rotate to crops other than soybeans within 4 months (120 days) after application. |
| Atrazine | 0 | 0 | S | 2F | 2F | 2F | 2S | If applied after June 10, plant only corn or sorghum the following year, or crop injury may occur. |
| Authority Elite or BroadAxe XC | 10* | 10 | 0 | 4.5 | 12 | 12 | 10 | For other crops allow 12 months and conduct a representative bioassay. *Allow 18 months for popcorn |
| Authority First or Sonic | 10* | 12 | 0 | 4** | 12 | 30*** | 30*** | * Field corn and popcorn require 18 months if soil organic matter ≤1.5% and soil pH ≥ 7.0. ** Barley requires a 12 month rotation interval. ***Forage grasses and tobacco require a successful field bioassay. |
| Authority MTZ | 10* | 18* | 0 | 4 | 12 | 18 | 12 | * For field corn, use a 4-month interval if rate ≤ 14 oz/A. **For sorghum, use a 12 month interval if rate ≤ 20 oz/A. |
| Authority Supreme | 4 | 12* | 0** | 6*** | 12 | 18 | 18 | *For sorghum, use a 10 month interval if rate ≤ 9.8 fl.oz/A. **For soybean, use a 4 month interval if rate >9.8 fl.oz/A. ***For wheat, use 4 month interval if rate ≤ 9.8 fl.oz/A; for barley use 12-18 month interval depending on application rate. |
| Authority XL or Authority MAXX pH< 6.8 pH>6.8 [full use rates] | 10* | 18** | 0 | 4 | 12 | 36 | 10 | Crops with intervals >12 months are a result of crop injury concerns. These crops should not be planted without a successful bioassay. * Corn includes grain, silage, popcorn. ** Plant sorghum after 10 months when rate <6.4 oz/A. |
| Axial XL | 4 | 4 | 4 | 0 | 4 | 4 | 4 | There is no waiting interval between application and planting wheat or barley. Allow 30 days for leafy and root crops and 120 days for all other crops. |
| Axiom | 0 | 12 | 0 | 0* | 12 | 12 | 12 | *Allow 12 months for barley. Allow 4 months for wheat if Axiom rate exceeds 10 oz/A. |
| Balance | 0 | 6 | 6 | 4* | 10** | 18** | 18** | *Allow 6-month rotation to barley. **With 15 inches of cumulative precipitation from application to planting of rotational crop. |

Crop Replanting and Rotation Guide ^{*}

| Herbicide | Minimum Waiting Period (months) For Replant or Rotation Crops ¹ | | | | | | | Remarks |
|---|---|---------------|---------|----------------|---------|-----------------|-----------------|--|
| | Corn (field) | Grain Sorghum | Soybean | Wheat & Barley | Alfalfa | Forage Grasses | Tobacco | |
| Bicep II Magnum | 0 | 0* | S | 2F | 2S | 2F | 2S | If applied after June 10, plant only corn or sorghum the following season. *Use CONCEP or SCREEN treated sorghum seed. |
| Blazer (Ultra) | - | - | 0 | - | - | - | - | In case of crop failure only soybeans may be immediately replanted. No rotational crop restrictions except for an 18 month interval for root crops. |
| Boundary | 8 | 12 | 0 | 4½ | 4½ | 12 | 12 | Cover crops may be planted any time, but do not graze or harvest. |
| Buctril | 1 | 1 | 1 | 1 | 1 | 1 | 1 | Do not plant rotational crops within 30 days after application. |
| Butyrac 200 | - | - | 0 | - | - | - | - | No restrictions indicated on herbicide label. |
| Callisto | 0 | 0 | 10 | 4* | 10 | 18 | 10 | *Small grains may be planted 120 days after application. |
| Callisto GT | 0 | 0 | 10 | 4 | 10 | 18 | 10 | Other crops not listed may require an 18 month interval |
| Callisto Xtra | 0 | 0 | S | S | S | 18 | S | Other crops not listed may require an 18 month interval |
| Canopy or Cloak (pH ≤ 7.0 & rate < 10 oz/A) | 10* | 10 | 0 | 4 | 10 | 18 | 10 | Soybean injury may occur where soils pH is >7.5. * Allow a 9-month rotational interval for field corn if soil pH is ≤ 7.0 and Canopy rate does not exceed 6 oz/A. |
| (pH > 7.0 & rate > 3.5 oz/A) | 18 | 18 | 0 | 4 | 18 | 30 | 18 | Cloak is a similar product with the same restrictions. |
| Canopy Blend ** | | | | | | | | ** Consult label for rotational intervals for Canopy Blend |
| Canopy EX or Cloak EX | | | | | | | | If sequential application of chlorimuron is made after August 1, extend interval 2 months for alfalfa, clover, corn, popcorn, sorghum, and tobacco. If fall applied, do not begin counting months until normal soybean planting time. |
| Rate 1.1 - 1.65 oz/A | 8 | 9 | 7d | 3 | 9 | 3 | 9 | * Field corn may be planted after 9 months if total chlorimuron rate does not exceed 0.64 oz/A. |
| Rate >1.65 oz/A | 10* | 10 | 14d** | 4 | 10 | 4 | 10 | **Allow 7 days for rates at 1.1 to 2.2 oz/A; or 14 days for rates >2.2 up to 3.3 oz/A. |
| Capreno | 0* | 10** | 10 | 4*** | 18** | 18 [^] | 18 [^] | *Yellow dent field corn can be replanted immediately. White corn, sweet corn, and popcorn require a 10 month interval. ** Rotation interval may be longer if precipitation from application to planting is limited and/or soil pH is 7.5 or above (consult label). ***Barley requires a 10 month interval. [^] Requires completion of a successful field bioassay |
| Cheetah Max | 10 * | 18 | 0 | 4 | 18 | 18 | 18 | * Allow 12 months for popcorn for 32 oz/A rate. |
| Classic | 8* | 9 | 0 | 3 | 9 | 3** | 9 | Consult labels for maximum rate of Classic per season or when imazaquin (Scepter, etc), imazethapyr (Pursuit, etc), or other chlorimuron containing products (Canopy, etc) are applied the same year. If applied after August 1, extend recrop interval 2 months for alfalfa, clover, corn, popcorn, sorghum, and tobacco. *Use a 9-month rotational interval for popcorn. ** A 3 month rotational interval may be used for pasture grasses such as fescue and ryegrass. |
| Cobra | - | - | - | - | - | - | - | No restrictions indicated on herbicide label. |
| Corvus | 0 | 17 | 9 | 4* | 17** | 17** | 17** | *Allow 9-month rotation to barley. **With 30 inches of cumulative precipitation from application to planting of rotational crop. Rotational interval may be longer for some crops if soil pH is 7.5 or above. |

Crop Replanting and Rotation Guide ^{*}

| Herbicide | Minimum Waiting Period (months) For Replant or Rotation Crops ¹ | | | | | | | Remarks |
|--|---|---------------|---------|----------------|---------|----------------|---------|--|
| | Corn (field) | Grain Sorghum | Soybean | Wheat & Barley | Alfalfa | Forage Grasses | Tobacco | |
| 2,4-D | 7d* | ..* | 1*** | ..* | ..* | ..* | ..* | Do not replant fields treated with 2,4-D in the same season with crops other than those labeled for 2,4-D pre-plant uses. *Wait 7 to 14 days before planting corn. **Not labeled as a pre-plant use in these crops. Wait a minimum of 3 months or until chemical has disappeared from soil. ***Depending on amount used (if <1 lb ai/A), wait a minimum of 7 to 30 days before planting soybeans. Some 2,4-D products require less than 30 days when using a higher rate. |
| Degree | 0 | S | S | 4* | 9 | 2F | S | *Wheat can be planted 4 months after application. Barley, oats, and rye may be planted the following spring. |
| Degree Xtra | 0 | 0* | S | F** | 2S | 2S | S | Do not rotate to crops other than soybeans, corn, sorghum, or tobacco. *Use sorghum seed treated with a safener. **Wheat can be planted; do not plant other small grain crops. |
| Dicamba products | | | | | | | | |
| Banvel Diablo Oracle | 0 | S* | S* | F** | F | F | S | When applying Banvel, Diablo, or Oracle any rotational crop may be planted after normal harvest of treated crop. When applying Clarity, Sterling, or Vision at <24oz/A, any rotational crop may be planted after 120 days. Consult label if herbicide rate exceeds 24 oz/A |
| Clarity Sterling Blue Vision | 0 | 4* | 4* | 4** | 4 | 4** | 4 | *. Consult label for preplant applications rates and timing for sorghum and soybean. ** Apply before, during or after planting small grains when herbicide rate is ≤4 oz/A. However, allow 20 days per pt/A of Banvel, Diablo, or Oracle (1.25 days/1 oz/A) for wheat. When applying Clarity, Sterling, or Vision at ≤24oz/A for wheat, barley & other grasses allow 15 days/8 oz/A. |
| DiFlexx | 0 | 4 | 4 | 4*** | 4 | 4*** | 4 | *** Consult DiFlexx label for a reduced waiting period when planting wheat, barley, oats, and forage grass seedlings. |
| DiFlexx Duo | 0 | 10 | 8 | 4 | 10 | 18* | 12 | Planting of cover crops are allowed as long as these crops are not grazed by livestock nor harvested for food (consult label). *Field bioassay required. |
| Dual II Magnum, Cinch, or EverpreX | 0 | 0* | 0 | 4.5 | 4** | 12 | S | *Use Concep treated sorghum seed. **Clover may be seeded 9 months following application. Observe maximum restrictions before rotating to alfalfa or clover. |
| Elevore | 14d* | 14d* | 14d* | 14d* | 9 | -- | 15** | *Wait 14 days before planting corn, soybean, grain sorghum, wheat, and barley **A field bioassay is recommended prior to planting any broadleaf crop not listed |
| Engenia | 0 | 4 | 28d* | 28d** | 4 | 28d** | 4 | *For non-dicamba tolerant soybean, depending on amount applied wait 14 to 28 days after a 1 inch accumulation of rainfall; no waiting period for soybean that is dicamba tolerant (consult label). **Depending on amount applied small grains and other grasses may be planted 14 to 28 days after application in areas with 30 inches or more of annual precipitation. |
| Enlist Duo | 7d* | ..** | 1*** | ..** | ..** | ..** | ..** | Do not replant treated fields with crops other than those labeled for use with 2,4-D and glyphosate. *Wait 7 to 14 days before planting corn. **Not labeled for use in this crop. ***For soybean without ENLIST trait wait 30 days (1 month); For soybean with ENLIST trait no waiting period. |

Crop Replanting and Rotation Guide ^{*}

| Herbicide | Minimum Waiting Period (months) For Replant or Rotation Crops ¹ | | | | | | | Remarks |
|--------------------------------|---|---------------|---------|----------------|---------|----------------|---------|---|
| | Corn (field) | Grain Sorghum | Soybean | Wheat & Barley | Alfalfa | Forage Grasses | Tobacco | |
| Envive (pH < 7.0) | 10 | 10 | 0 | 4 | 12 | 18 | 10 | Do not exceed 4 oz/A where composite soil pH exceeds 7.0. |
| (pH ≥ 7.0) | 18 | 18 | 0 | 4 | 18 | 30 | 18 | |
| Expert | 0 | 0* | S | 2F | 2S | 2F | 2S | If applied after June 10, plant only corn or sorghum the following season. *Use CONCEP or SCREEN treated sorghum seed. |
| Express TotalSol | 14d | 14d | 14d | 0 | 45d | 45d | 45d | Wheat, barley, or oats may be planted any time after application. Field corn, grain sorghum, or soybean may be planted 14 days after application. Other crops may be planted 45 days after application, except canola requires a 60 day waiting period. |
| Extreme | 8.5* | 18 | 0 | 3** | 4 | 40*** | 9.5 | Applying herbicides containing chlorimuron (Classic, Canopy, etc.), flumetsulam (Python, etc.) or imazaquin (Scepter, etc.) the same year may result in injury to rotational crops. * Allow an 18-month rotational interval for popcorn. **Allow a 4- month rotational interval for barley. *** Before rotation to forage grasses, a successful field bioassay must be completed after the restrictive interval. |
| FeXapan | 0* | 4 | 28d** | 30d# | 4 | 30d# | 4 | *Wait 4 months for application rates > 33 fl.oz/A per season. **For non-dicamba tolerant soybean, depending on amount applied wait 14 to 28 days after a 1 inch accumulation of rainfall; no waiting period for soybean that is dicamba tolerant (consult label). #Depending on amount applied small grains and other grasses may be planted 15 to 30 days after application (consult label). |
| Fierce | 30d* | 18 | 0 | 1** | 10 | 18 | 18 | Consult label when rate exceeds 3 oz/A *Allow 30 days for conventional till corn or 7 days for minimum and no-till corn following 3 oz/A rate. **Allow 11 months for other crops including barley. |
| Fierce XLT (Soil pH < 7.0) | 10* | 18 | 0 | 10** | 18 | 18 | 18 | *Includes corn for grain, silage, popcorn. Consult label for seed corn, and sweet corn. ** Allow 18 months for barley |
| (Soil pH ≥ 7.0) | 18 | 18 | 0 | 18 | 18 | 30 | 18 | |
| Finesse or Report Extra | 18 | 18 | 6* | ---** | ---** | ---** | ---** | *Allow 6 months for STS soybean and 18 months for non –STS soybean. **No information on label for these crops |
| Finesse Grass & Broadleaf | 14* | ---** | 6*** | ---** | ---** | ---** | ---** | *Allow a 14-month interval for field corn and soil pH ≤ 7.5 ** A field bioassay must be conducted for popcorn, sorghum, barley, forages grasses & legumes, tobacco, and other crops. ***Allow a 6-month interval for STS soybean, Non-STS soybeans require a field bioassay. |
| FirstRate | 9 | 9 | 0 | 4* | 9 | 18 | 18** | *Allow 12 months for barley. **For transplanted tobacco allow 18 months if herbicide rate is >0.3 oz/A and 10 months if herbicide rate is 0.3 oz/A. |
| FirstShot | 14d | 14d | 7d | 0 | 45d | 45d | 45d | Extend interval 7 days when applied to light textured soils. |
| Flexstar and Flexstar GT | 10* | 18 | 0 | 4** | 18 | 18 | 18 | Do not exceed a maximum of 0.375 lb ai/A fomesafen in alternate years. *Use a 12-month rotation interval for popcorn. **Small grain crops should not be grazed/harvested for forage or straw when using Flexstar. |
| FulTime NXT | 0 | S | S | 15 | 15 | 2F | 15* | Do not apply FulTime after June 10, unless only corn will be planted the following year. *Injury may occur to tobacco because of atrazine carryover. |
| Fusilade DX | 2 | 2 | - | 2 | - | 2 | - | Do not rotate to grass crops within 2 months (60 days) after application. No restrictions indicated for other crops. |

Crop Replanting and Rotation Guide ^{*}

Minimum Waiting Period (months)
For Replant or Rotation Crops¹

| Herbicide | Minimum Waiting Period (months) For Replant or Rotation Crops ¹ | | | | | | | Remarks |
|---|---|---------------|---------|----------------|---------|----------------|---------|--|
| | Corn (field) | Grain Sorghum | Soybean | Wheat & Barley | Alfalfa | Forage Grasses | Tobacco | |
| Fusion | 2 | 2 | - | 2 | - | 2 | - | Do not rotate to grass crops within 2 months (60 days) after application. No restrictions indicated for other crops. |
| Glyphosate, Roundup, and other products | 0 | 0 | 0 | 0 | 0 | 0 | 1 | Wait 30 days (1 month) prior to planting crops not listed on the label. |
| Gramoxone SL | 0 | 0 | 0 | 0 | 0 | 0 | - * | * Gramoxone is approved for applications made prior to transplanting tobacco. Consult supplemental label. |
| Guardman Max | 0 | 0* | S | 2F | 2S | 2S | 2S | *Use herbicide safener treated sorghum seed. |
| Halex GT | 0 | 0* | 10 | 4 | 10 | 18 | 10 | *Use herbicide safener-treated sorghum seed. |
| Harness | 0 | S | S | F* | 2S* | 2F* | S | *Wheat can be planted following normal crop harvest. Label prohibits follow crop planting to barley, alfalfa, forage grasses and other crops. |
| Harness MAX | 0 | 0* | 10 | 4** | 10 | 18 | 18 | *Plant only grain sorghum (milo) properly treated with a seed protectant or safener. **Wheat can be planted after 4 months; barley, rye, oats and millet the spring following application. |
| Harness Xtra | 0 | S | S* | 2F | 2S* | 2S* | 2S* | *If soybeans or other nonlabeled crops are planted the following year, there is a possibility of crop injury due to atrazine carryover. |
| Harmony Extra SG with TotalSol | 14d | 14d | 7d | 0 | 45d | 45d | 45d | Nimble is a similar product but requires 45 days for corn, sorghum, soybean and most other crops. |
| Harmony SG | 0 | 0 | 0 | 0 | 45d | 45d | 45d | Most other crops not listed may be planted 45 days after application. Harass is a similar product with same restrictions. |
| Impact | 0 | 9 | 9 | 3 | 9 | 18 | 18 | Wait 18 months for crops not listed on the label. |
| Impact Z | 0 | 9 | 9 | 9 | 9 | 18 | 18 | Wait 18 months for crops not listed on the label. |
| Instigate | 0* | 10 | 10 | 9 | 10 | 18 | 18 | Wait minimum of 18 months for rotational crops not listed on label. *Wait a minimum of 10 months for popcorn and sweet corn. |
| Intimidator | 10* | 18 | 0 | 4.5** | 18 | 18 | 18 | Do not exceed 0.375 lb ai/A fomesafen in alternate years. *Use a 12-month rotation interval for popcorn. **Small grain crops should not be grazed/harvested for forage or straw. |
| Keystone NXT | 0 | S | S | 15 | 15 | 2F | 15* | Do not apply Keystone after June 10, unless only corn will be planted the following year. *Injury may occur to tobacco because of atrazine carryover. |
| Laudis | 0 | 10 | 8 | 4 | 10 | 18* | 18* | Consult label for other crops and completion of a successful field bioassay. |
| LeadOff | 0 | 10* | 1** | 3** | 10** | 18 | 1.5** | *Rotation period for soybean without BOLT technology applied at 1.5 oz/A maximum use rate; may be longer for higher use rates. Allow 0 days prior to planting soybean with BOLT technology. **Rotation period when 1.5 oz/A maximum use rate is applied; waiting period will be longer when maximum use rate is 2.7 oz/A. |
| Lexar EZ | 0 | S | S | S | 18 | 18 | 18 | If applied after June 1, do not rotate to crops other than corn or sorghum the next season. |
| Liberty 280 SL | 0 | 6 | 0 | 70d* | 6 | 6 | 6 | *Allow a 70-day interval for wheat, barley, rye or oats. Allow 180 days (6 months) for other crops. |
| Matador | 8.5 | 18 | 0 | 4.5* | 4.5 | 40 | 12 | Full-rate applications of chlorimuron-ethyl, cloransulam-methyl, flumetsulam, or imazaquin containing herbicides in the same season as Matador may increase the risk of injury to sensitive rotational crops. *Barley may be planted 4 months after application |
| MCPA | - | - | - | - | - | - | - | No information on the label. |

Crop Replanting and Rotation Guide ^{*}

| Herbicide | Minimum Waiting Period (months) For Replant or Rotation Crops ¹ | | | | | | | Remarks |
|--|---|---------------|---------|----------------|---------|----------------|---------|--|
| | Corn (field) | Grain Sorghum | Soybean | Wheat & Barley | Alfalfa | Forage Grasses | Tobacco | |
| Metribuzin DF Metri DF Dimetric DF Glory Mauler Sencor DF TriCor | 4* | 18** | 4* | 4*** | 4 | 4 | 18** | Cover crops may be planted any time but stand reductions may occur. Do not graze or harvest cover crops for feed or food. *Metribuzin containing products are registered for preplant and preemergence applications to field corn and soybeans. **Some metribuzin products may allow a 12-month interval for grain sorghum, tobacco and certain other crops. ***Allow a 4-month interval for rotating to wheat or barley when metribuzin is applied to soybean; wait a minimum of 8 months if applied to other crops. |
| Milo-Pro | 12 | 0* | 18 | 4 | 18 | 18 | 18 | *If replanting is necessary, an additional application is prohibited. |
| Osprey | 12 | 10 | 3 | 7 d* | 10 | 10 | 10 | *The rotation interval is 7 days for wheat and 30 days for barley. |
| Outlook | 0 | 0* | 0 | 4 | S | S | S | *Use herbicide safener treated sorghum seed. |
| Panther Pro | 8.5 | 18 | 0 | 4* | 4** | 40 | 18 | *For barley waiting interval is 9.5 months. **Wait 8 months for alfalfa if not tillage is performed |
| Permit | 1* | 2 | 9 | 2 | 9 | 2 | 2S | *IR/IMR field corn varieties can be planted anytime. |
| Poast Plus or Poast | 30d | 30d | 0 | 30d | 0 | 30d | 0* | Do not plant other crops to be harvested for 30 days after application unless POAST or POAST PLUS is registered for use in that crop. *Allow 30 days for tobacco for POAST PLUS. |
| PowerFlex | 9 | 3* | 3* | 1** | 9 | 9 | 12 | When soil moisture is abnormally dry, conduct a field bioassay. * When PowerFlex is applied before February, do not plant grain sorghum or soybean before April 30 * Use 9 - month interval for barley and oats. |
| Prefix | 10* | 18 | 0 | 4,5** | 18 | 18 | 18 | * Use a 12 -month interval for popcorn when rate \geq 2 pt/A. ** Small grain crops should not be grazed or harvested for forage or straw for livestock. |
| Princep | 0 | S | S | 2F | 2F | 2F | 2S | If rate exceeds 3 lb ai/A, a crop of corn untreated with Princep should precede the next rotational crop. |
| Prowl 3.3 EC or Prowl H2O | S | 10 | 0 | 4* | S | 10 | 0 | Certain rotational crops require an 18-months interval if rainfall was insufficient to produce a crop. Observe label when pendimethalin rate exceeds 2 lb ai/A. * Allow a 12-month interval for wheat if \leq 12" of rain or irrigation occurs between application and planting. Do not replant back to wheat if initial wheat stand was treated with Prowl H2O. |
| Pursuit | 8.5* | 18 | 0 | 3** | 4 | 40*** | 9.5 | Observe label when applying other herbicides that persist in soil (e.g. chlorimuron, imazaquin, imazethapyr, flumetsulan). Only rotational crops harvested at maturity may be used for feed or food. * Field corn hybrids which possess genetic resistance/tolerance to Pursuit (CLEARFIELD corn) can be planted anytime. Allow an 18-month rotational interval for popcorn. **Allow a 4 month rotational interval for barley. *** Before rotation to forage grasses, a successful field bioassay must be completed after the restrictive interval. |
| Quelex | 3 | 3 | 3 | 0 | 9 | 3 | 15* | *For best results conduct a field bioassay. |

Crop Replanting and Rotation Guide ^{*}

| Herbicide | Minimum Waiting Period (months) For Replant or Rotation Crops ¹ | | | | | | | Remarks |
|---|---|---------------|---------|----------------|---------|----------------|---------|---|
| | Corn (field) | Grain Sorghum | Soybean | Wheat & Barley | Alfalfa | Forage Grasses | Tobacco | |
| Raptor | 8.5* | 9 | 0 | 3** | 3 | 18 | 9 | *Allow 8.5 months for both Clearfield and susceptible corn (field & popcorn). **Clearfield wheat may be planted anytime. Use a 3-month interval for non-Clearfield wheat; a 4-month interval for barley and rye; and a 9-month interval for oat. Applying herbicides containing chlorimuron (CLASSIC, etc.), imazaquin (SCEPTER, etc.), imazethapyr (PURSUIT, etc.), or flumetsulam (PYTHON, etc.) the same year as RAPTOR may result in injury to rotational crops. |
| Realm Q | 0 | 10 | 10 | 4* | 10 | 18 | 10 | *Allow a 9 month interval for barley. |
| Resicore | 0 | 10.5 | 10.5 | 4* | 10.5 | 18 | 18 | *Allow a 10.5 month interval for barley. |
| Resolve Q | 0 | 10 | 1 | 3* | 10** | 18 | 10 | Rotational crop guidelines based on a maximum use rate of 1.25 oz/A per season. Consult label for 2.5 oz/A maximum rate/season. *Barley requires a longer waiting period (consult label). **Extend rotational interval for alfalfa and clover to 18 months if drought conditions prevail. |
| Resource | 0 | 1 | 0 | 1 | 1 | 1 | 1 | Do not rotate to crops other than soybeans or field corn within 30 days after application. |
| Roundup & other Glyphosate products | 0 | 0 | 0 | 0 | 0 | 0 | 1 | Wait 30 days (1 month) prior to planting crops not listed on the label. |
| Scepter | 9.5* | 11 | 0 | 3** | 18 | 18 | 9.5 | Observe label when applying other herbicides that persist in soil (e.g. chlorimuron, imazaquin, imazethapyr, flumetsulan). Also note restrictions when soil conditions are dry from 2 weeks prior to last application through November 15. ** Rotational interval for barley is 11 months. Wheat or barley as rotational crops must be harvested at maturity in order to be used for feed or food. |
| Select MAX, Select & other clethodim products | 1 | 1 | 0 | 1 | 0 | 1 | 1 | Allow a minimum of 30 days after application before planting crops that are not registered for clethodim use. |
| Sequence | 0 | 0* | 0 | 4 ½ | 4 | - | S | Rotational intervals vary depending on such factors as saflufencil rate, soil texture, and with other PPO inhibitors. |
| Sharpen | 0 | 0 | 2* | 0 | 6** | 6** | 6** | *Applied at 1.0 oz/A rotation interval for soybean is 0 months. **When applied at 1.0 oz/A rotation interval reduced to 4 months for alfalfa, forage grasses, tobacco, and certain other crops. |
| Simazat | 0 | S | S | 2F | 2F | 2F | 2S | Plant only corn or sorghum the following year if applied after June 10 or if rate exceeds 4 pt/A, a crop of corn. Do not plant tobacco or spring-seeded legumes, grasses, or small grains the year following application of this product or injury may occur. |
| Spirit | 1* | 10 | 10** | 3 | 18 | 10 | 10 | Rotational interval may be more restrictive for some crops if severe drought conditions develop or soil pH 7.8 or greater (consult label). *Field corn designated to be genetic resistant/tolerant (IR or IMR-corn hybrids) can be planted anytime. ** If rotating to soybeans, do not apply SPIRIT to corn after June 30. STS-soybean varieties should be considered if soil degradation processes has been slowed down by adverse environmental conditions. |

Crop Replanting and Rotation Guide ^{*}

| Herbicide | Minimum Waiting Period (months) For Replant or Rotation Crops ¹ | | | | | | | Remarks |
|---------------------------------------|---|---------------|---------|----------------|-------------|----------------|-------------|---|
| | Corn (field) | Grain Sorghum | Soybean | Wheat & Barley | Alfalfa | Forage Grasses | Tobacco | |
| Status | 7d* | 4** | 4** | 4** | 4** | 4 | 4 | Do not plant any crops within 120 days after last application with the following exceptions: *If crop failure, corn can be replanted 7 or more days after application. **May be planted 30 days after rainfall if at least 1 inch of rainfall occurs and less than or equal to 5 oz/A of STATUS was applied. |
| Steadfast Q | 0 | 10* | 15d** | 4 | 10 | 10* | 10* | *Wait 18 months if soil pH>6.5; sorghum 18 months if pH>7.5. **Waiting period for soybeans is 0.5 month (15 days) after application. |
| SureStart | 0 | 12 | S | 4* | S** | 2F | 18 | *Barley, oats, and rye can be planted the following spring. **Wait 18 months after treatment if less than 15 inches of rainfall occurs on soils with <2% organic matter. |
| Surpass | 0 | S | S | 4* | S | 2F | S | *Wheat may be planted after 4 months. Barley, oats, and rye can be planted the spring following application. |
| Surveil | 9 | 9 | 0 | 3* | 10* | 30* | 30* | *Allow 30 months and conduct a successful field bioassay for barley and forage grasses. Tobacco requires 10-month interval and a successful field bioassay (consult label). |
| Synchrony XP 0.375 oz/A | 9* | 9 | 0 | 3 | 9 | 3** | 9 | For applications of Synchrony alone or followed by Classic after August 1, extend recrop interval 2 months for alfalfa, clover, field corn, popcorn, sorghum or tobacco. Follow the most restrictive label before applying Synchrony with other long-residual herbicides the same season. *For popcorn allow a 9-month interval for 0.375 oz/A or a 15-month interval for 0.75 oz/A. ** Fescue or ryegrass may be seeded following a 3-month interval. |
| 0.75 oz/A (soil pH <7.0) | 9* | 15 | 0 | 3 | 9 | 3** | 15 | |
| TopNotch | 0 | S | S | 4* | S | 2F | S | *Wheat can be planted after 4 months. Barley, oats, and rye can be planted the spring following application. |
| Tripzin ZC | 4 | 18 | 4 | 4 | 4 | 4 | 18 | If rainfall was not sufficient to produce a crop, delay planting for 18 months following application. |
| Trivence | 9* | 18 | 0 | 4 | 10 | 12 | 18 | * Field corn includes grain, silage, popcorn and seed corn. |
| Ultra Blazer | 100 days | 100 days | 0 | 40 days | 100 days | 100 days | 100 days | In case of crop failure only soybeans may be immediately replanted. Allow a minimum rotational interval of 40 days for small grains and 100 days for other crops. |
| Valor EZ or Valor SX ≤ 2oz/A ** | 30d | 30d | 0 | 30d* | 4** | 4** | 30d | At least 1 inch of rain and 30 days between application and planting is required for field corn (conventional till), sorghum, wheat (conventional till) and tobacco. Allow 7 days for no-till corn providing 25% residue cover and 0.25 inch rain following Valor application at 2 oz/A. *Allow 3 months for barley. ** For alfalfa and other crops not listed allow 4 months if soil is tilled prior to planting and 8 months if no-tilled. ** Consult Valor label for rates ≥3 oz/A. |
| Valor XLT Soil pH < 7.0 | 10 | 10 | 0 | 4 | 12 | 18 | 10 | Do not use on soils with a pH >7.6. |
| Soil pH ≥ 7.0 | 18 | 18 | 0 | 4 | 18 | 30 | 18 | |
| Verdict | 0 | 0 | 0* | 4 | S | S | S | No rotation crop restrictions the spring following the previous year's application. *When planting soybeans observe the label for additional restrictions concerning rate or soil type. |

Crop Replanting and Rotation Guide ^{*}

| Herbicide | Minimum Waiting Period (months) For Replant or Rotation Crops ¹ | | | | | | | Remarks |
|----------------------|---|---------------|---------|----------------|---------|----------------|---------|---|
| | Corn (field) | Grain Sorghum | Soybean | Wheat & Barley | Alfalfa | Forage Grasses | Tobacco | |
| Warrant Ultra | 10* | 18 | 0 | 4 | 18 | - | - | Do not exceed a maximum of 0.34 lb ai/A fomesafen in alternate years. *Use a 12-month rotation interval for popcorn. Winter cover crops may not be harvested or grazed for food or animal feed for 18 months. |
| Xtendimax | 0* | 4 | 28d** | 30d# | 4 | 30d# | 4 | *Wait 4 months for application rates > 33 fl.oz/A per season. **For non-dicamba tolerant soybean, depending on amount applied wait 14 to 28 days after a 1 inch accumulation of rainfall; no waiting period for soybean that is dicamba tolerant (consult label). #Depending on amount applied small grains and other grasses may be planted 15 to 30 days after application (consult label). |
| Yukon | 1 | 2 | 9 | 2 | 9 | 2 | - | |
| Zemax | 0 | 0 | S | 4.5 | 18 | 18 | 18 | For all other crops wait 18 months. |
| Zidua or Zidua SC | 0 | 10* | 0 | 4** | 10 | 18 | 18 | * Allow 6 months when applied at 1 to 2 oz/A; wait 10 months when applied at 3 oz/A. **Wheat may be planted immediately after 1 oz/A. Allow 1 month for 2 oz/A and 4 months for 3 oz/A. For barley and other small grains allow 11 months. |
| Zidua PRO | 8.5 | 18 | 0* | 4** | 10 | 40 | 18 | *Wait a minimum of 30 days for coarse texture soil with <2% OM. **Barley and rye requires a 11 month waiting period. |

¹Numerical values represent time interval (months after application) before replanting or rotating to other crops. Waiting periods designated with a F=the first fall after application; S=the next spring after application; 2F=second fall after application; 2S=second spring after application. A " - " indicates no information on label; following normal crop harvest it is unlikely that carryover of herbicide residues to rotational crops would result under normal conditions.

*This table provides information for major agronomic crops in Kentucky and does not include horticultural crops. When more than one herbicide is applied the most restrictive product should be followed. Rotational guidelines may become more restrictive when certain tank mixtures or sequential applications are used. Always consult herbicide label(s) before planting or rotating other crops into treated fields.

NOTES

PESTICIDE RECORD KEEPING*

Farm Name or Unit: _____ Year: _____

| Date and Time of Application | Crop & Location or Description of Site Treated | Size or Acres Treated | Product Name & EPA Registration No. | Total Amount of Product Applied | Restricted-Entry Interval (REI) | Applicator Name & Certification Number |
|------------------------------|--|-----------------------|-------------------------------------|---------------------------------|---------------------------------|--|
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*Record keeping is required for all pesticides. See the introduction section in this guide for a listing of Restricted Use Pesticide products.

Pesticide Contacts

General Information

Kentucky Department of Agriculture

Division of Environmental Services(502) 573-0282
<http://www.kyagr.com/consumer/agricultural-branch.html>

Pesticide Collection and Disposal Program(800) 205-6543

National Pesticide Information Center(800) 858-7378

<http://npic.orst.edu>

Spills

*In the event of a spill, **Control** and **Contain** the spill. For environmental emergencies call 911. Be prepared to provide specific information on location, amount, and type of any materials spilled. You may be directed to other agencies.*

Kentucky Environmental Response Team(800) 928-2380

<http://dep.ky.gov/Pages/ERT.aspx> or (502) 564-2380

Exposure/Injury

*If a person has been exposed to a particular pesticide, be prepared to provide medical professionals with specific details and emergency information found on the product label. **For urgent treatment call 911.***

Kentucky Regional Poison Control Center(800) 222-1222

<http://kypoisoncontrol.com/>