

Table 23. Restrictions on Crop Rotation

This table gives the recrop intervals for the planting of rotational crops following the application of corn and soybean herbicides. If a herbicide is not listed on the table, there are no restrictions on rotation, provided the crop on which that herbicide is applied is grown to full maturity and harvested. Refer to the following scale:

NR = No restriction, assuming that the corn or soybean crop is taken to harvest. Where the corn crop fails and soybeans will be planted within 1 to 2 months of corn herbicide application, consult the label for further precautions.

BA = Conduct a field bioassay prior to rotating to this crop; consult the label for more information. Where products containing atrazine or Princep are used, see the footnote below for precautions on rotation to soybeans and other crops. **Consult herbicide labels for precautions regarding rotation to seed corn or specialty corn.**

Herbicide	Months Before Planting								
	Corn	Wheat	Oats	Alfalfa	Clover	Soybeans	Tomatoes	Popcorn	Sweet Corn
Accent Q	NR	4	8	12	12	0.5	10/18 ^h	10	10
Acuron	NR	4	18	18	18	10	18	NR	NR
Acuron Flexi	NR	4	4	10	18	10	18	NR	NR
Afforia	0.5-1	7 days	5-10	5-10	5-10	0 to 7 days	6-12+BA	4	4
Anthem Maxx	NR	1-4	11	10	18	NR	18	NR	NR
Armezon PRO	NR	4	4	9	18	9	18	NR	NR
Atrazine ^a	NR	14	21	21	21	10	21	NR	NR
Authority Assist	10	4	18	12	40	NR	40	18	18
Authority First	10 ^v	4	12	12	30+BA	NR	30+BA	10 ^v	10 ^v
AuthorityMAXX	10	4	12	12	18	NR	15	10	18
Authority MTZ	4-10	4	18	12	18	NR	NR ^b	10	18
Authority Supreme	4	4	12	12	18	NR	18	10	10
Authority XL/Zone ^l	10	4	12	12	18	NR	12 ^b	10	18
Autumn	1	4	9	18	18	9	18	1	1
Balance Flexx	NR	4	18	10	18	6	18	6	6
Basis	NR	3	9	10	10	2-10 ^w	1	10	10
Bicep/Cinch ATZ ^a	NR	15	15	18	18	10	18	NR	NR
Boundary/Ledger/Tailwind/PRESidual	4	4.5	12	4.5	12	NR	12	12	12
BroadAxe XC/Authority Elite	10	4.5	12	12	12+BA	NR	4	18	18
Buctril/atrazine ^a	NR	15	15	21	21	10	21	1	1
Callisto Xtra	NR	8	18	8	18	8	18	NR	NR
Canopy Blend/Cloak DF ^k	10	4	30	10	12	NR	10 ^b	10	18
Canopy/Cloak EX/Fallout ^k	10	4	4	10	12	1.5	10 ^b	10	18
Capreno	NR	4	18	18	18	10	18	10	10
Classic	9 ⁿ	3	3	12 ⁿ	12 ⁿ	NR	9 ^{bn}	9 ⁿ	18
Command/Commit	9	12 ^{cd}	16 ^{cd}	16 ^{cd}	16 ^{cd}	NR	9-12 ^f	9	9
Corvus	NR	4	17	17	17	9	17	9	9
Coyote	NR	4.5	4.5	18	18	8	18	NR	NR
Crusher 1/1.8 oz	NR	3/4	9	10/18	10/18	1/10	1	10	10
Curtail	1	1	1	10.5	18	10.5 ⁱ	18	10.5	10.5
Degree Xtra ^a	NR	4	21	21	21	10	21	NR	NR
DiFlex Duo	NR	4	4	10	18	8	10	NR	18
Elevore	14 days	14 days	15	9	9	14 days	15	15	15
Enlite	9	3	10	12	12	NR	9	9	9
Envive ^k	10	4	10	10	18	NR	12 ^b	10	18
Extreme	8.5	3	18	4	40	NR	40	18	18
Fierce	0.25-1	1-2	18	10	18	NR	18	18	18
Fierce XLT	10	10	30	18	18	NR	18 ^b	10	18
FirstRate	9	4	18	9	18	NR	18	9	18

Table 23. Continued

Herbicide	Months Before Planting								
	Corn	Wheat	Oats	Alfalfa	Clover	Soybeans	Tomatoes	Popcorn	Sweet Corn
Flumioxazin	0.5-1	1	12+BA	12+BA	12+BA	NR	12+BA	12+BA	4
Fomesafen	10	4	4	18	18	NR	18	12	12
FulTime NXT ^a	NR	15	15	15	18	10	18	NR	NR
Halex GT	NR	4	4	10	18	10	18	NR	NR
Halosulfuron	NR	2	2	9	9	9	8	3	3
Harness	NR	4	18	9	9	9	8	NR	NR
Harness Max	NR	4	12	10	18	10	18	NR	18
Harness Xtra ^a	NR	4	21	21	21	10	21	NR	NR
Impact/Armezon	NR	3	3	9	18	9	18	NR	NR
ImpactZ	NR	9	18	9	18	9	18	NR	NR
Intimidator	10	4.5	18	18	18	NR	18	12	10
Keystone ^a	NR	15	15	15	21	10	21	NR	NR
Laddok ^a	NR	9	9	9	9	9	15	NR	NR
Latir/Militia	8.5	4	18	4-12	4-12	NR	40	18	18
Laudis	NR	4	4	10	18	8	10	NR	NR
Lumax/Lexar ^a	NR	4.5/10	10	18	18	10	18	NR	NR
Marksman ^a	NR	10	18	18	18	10	18	NR	NR
Marvel	10	4	18	18	18	NR	4	10	18
Matador	8.5	4.5	18	4.5	12	NR	40	18	18
Mesotrione	NR	4	4	10	18	10	18	NR	NR
Metribuzin	4	4	12	4	12	NR	4	4	4
Mocasin MTZ ⁺	4	4.5	18	4.5	18	NR	12	4	4
Northstar	14 days ⁱ	3	8	8	18	8	18	8	8
Panther Pro	8.5	4	18	40	40	NR	18 ^b	18	18
Peak ^q	1	NR	NR	22	22	10	22	10	10
Pendimethalin	NR	4	8	8	8	NR	8	8	8
Princep ^a	NR	14	21	21	21	10	18	10	10
Prefix/Vise	10	4.5	4.5	18	18	NR	18	12	10
Prequel	NR	4	18	10	18	10	18	10	10
Pummel	9.5	4.5	18	4.5	18	NR	40	9.5	18
Pursuit	8.5	4	18	4	40	NR	40	18	18
Python/Accolade	NR	4	4	4	26+BA	NR	26+BA	9	18
Ransom	4	4	18	5/10 ^x	18	NR	18	4	4
Raptor	8.5	3	9	3	18	NR	9	8.5	8.5
Realm Q	NR	4	9	10	18	10	18	10	10
Resicore	NR	4	10.5	10.5	18	10.5	18	NR ^y	18
Resolve Q	NR	3	9	10	10	10	18	10	10
Revulin Q	NR	4	10	10	18	10	18	NR	NR
Scepter	9.5 ^g	4	11	18	18	NR	18	18	18
Shieldex	NR	3	3	9	12	9	9	NR	NR
Shotgun ^a	NR	14	21	21	21	10	21	NR	NR
Solstice	NR	4	3	10	18	10	18	NR	NR
Sonic	10 ^v	4	12	12	30+BA	NR	30+BA	10 ^v	10 ^v
Spartan/Shutdown	10	4	30	12	18	NR	30	10	18
Stalwart Xtra ^a	NR	14	21	21	21	10	21	NR	NR

Table 23. Continued

Herbicide	Months Before Planting								
	Corn	Wheat	Oats	Alfalfa	Clover	Soybeans	Tomatoes	Popcorn	Sweet Corn
Steadfast	NR	4	8	12	12	0.5	10/18 ^h	10	10
Stinger	NR	NR	NR	10.5	18	10.5	18	10.5	10.5
SureStart/TripleFLEX/TripleFLEX II/Threesidual	NR	4	9	9	9	9	26+BA	9	10.5 - 18
Surpass NXT	NR	4	9	9	9	9	18	NR	NR
Surveil	9	3	9	10	30+BA	NR	30+BA	9	18
Synchronyk (PRE)	10	4	4	10	12	NR	10 ^b	10	18
Synchronyk (POST)	9 ⁿ	3	3	12 ⁿ	12 ⁿ	NR	9 ^{bn}	9	18
Torment	10	4	4	18	18	NR	40	10	18
Tripzin ZC	4	4	18	4	18	NR	4	4	4
Trivence ^k	10	4	18	10	18	NR	12 ^b	10	18
Valor XLT/Rowel FX ^k	10	4	30	12	18	NR	12 ^b	10	18
Verdict (>10 oz)	NR	4	9	9	9	9	9	NR	9
Volley	NR	4	21	21	21	10	21	NR	10
Volley ATZ ^a	NR	15	21	21	21	10	21	NR	NR
Warrant	NR	4	10	9	9	NR	18	NR	NR
Warrant Ultra	10	4	4	18	18	NR	18	12	12
WideMatch	NR	NR	NR	10.5	BA	10.5	BA	4	4
Yukon	1	2	2	9	9	9	8 ^b	3	3
Zidua SC	NR	4	18	10	18	0	18	0	0
Zidua PRO	8.5	4	18	10	18	0 to 1	40	18	18

^aRestrictions on rotation following the application of products containing atrazine or Princep will vary, depending on the product. There are a few general guidelines to follow to reduce the potential for injury to crops planted where these products are used. Plant only corn or sorghum the year (including fall) of application. Where oats, forage legumes, or forage grasses will be planted the following spring, do not apply more than 0.8 pounds active ingredient. Do not plant sugar beets, tobacco, or vegetable crops the year following application.

^bTransplant tomatoes only.

^cDo not plant in the fall of year of application or the spring of the following year.

^dCover crops may be planted prior to 12 months, but stand reduction may occur. Do not graze or harvest these cover crops for feed or food.

^eMoldboard plow to a depth of 12 inches before planting sugar beets in the spring. Recrop interval to sugar beets is extended to 13 months if less than 20 inches of rain falls during the growing season of application.

^f9 months for transplant tomatoes; 12 months for all tomatoes.

^gCorn can be planted 9.5 months after application if at least 15 inches of rainfall is received from 2 weeks prior to last application through November 15 of the same year. If this requirement is not met, plant only a Clearfield corn hybrid the following spring.

^hRotation interval for Accent is 10 months where soil pH is 6.5 or less, and 18 months where soil pH is greater than 6.5.

ⁱRefer to Syngenta literature for a list of hybrids that have tolerance to Beacon before planting.

^jExcept the sweet corn varieties "merit", "carnival", and "sweet success", for which the minimum rotational interval is 15 months.

^kFor rates higher than 1 oz/A (Synchronyk), 1.1 oz/A (Canopy EX), 2.2 oz/A (Cloak DF), 2.9 oz (Canopy Blend), 6 oz (Trivence), 3.75 oz (Fierce XLT), or 2.5 oz (Envive, Valor XLT), plant only soybeans the following year where composite soil pH is greater than 7.0 (or greater than 6.8 for Valor XLT and Fierce XLT).

^lWhere soil pH is greater than 7.2, rotation intervals increase to at least 18 months for all crops except small grains.

^mIf applied after July 1st, do not plant soybeans the season following application.

ⁿIf applied after August 1, extend recrop interval by 2 months.

^oIf soil pH is less than 6.2, allow 26 months to rotation of sugarbeets.

^pIf soil pH is 7.8 or greater and/or less than 12 inches of rainfall occurs within the first 5 months and/or less than 1.0 inch within the first 4 weeks following application, then only plant corn or small grain cereals the following spring. STS soybeans can be planted the following spring after a drought if Spirit was used.

^qAllow 12 months to rotation of sweet corn if 2-2/3 pt of Command is used.

^rDo not plant soybeans the following season if herbicide is applied after June 30.

^sSoybeans and tomatoes should not be planted until 18 months after application north of Interstate 70, but can be planted 10 months after application south of Interstate 70. STS soybeans can be planted the following spring in areas north of Interstate 70.

^tOnly certain sweet corn varieties may be grown 10.5 months after application; check herbicide label for those varieties. Otherwise wait 18 months.

^vRotation interval extends to 18 months if applied to soil with 1.5% organic matter or less and pH above 7.0.

^wHarrow: 10 months. Basis up to 1.25 oz: 60 days south of I70, and 10 months north of I70. Soybeans can be planted 15 days after use of the 0.825 oz Basis rate.

^x5 months for tilled ground; 10 months for no-till alfalfa.

^yNo restriction for yellow popcorn; 18 months for white popcorn.