

Alfalfa Rotational Restrictions

for Herbicides Used in Wisconsin Corn Production

Rotational restrictions for select herbicides commonly used in Wisconsin corn production based on those listed in UW-Ext. pub. A3646. Only intervals ≥ 8 months presented, assuming spring seeding of alfalfa following a corn crop the previous year.

Rotation intervals, notes and footnotes have been compiled here for convenient reference. **Always refer to label** on original packaging when making final management decision.

Herbicide - Trade Name	Alfalfa Interval	Comments/Restrictions
Aatrex	See Note	Do not plant the year following application, or injury may occur.
Accent Q	10M	Differs outside Wisconsin, see label.
Acuron	18M	
Acuron Flexi	10M	If applied after June 1, rotating to alfalfa the following year may result in crop injury.
Acuron GT	10M - 18M	If soil pH is ≤ 6.0 or $\leq 18"$ of rainfall + irrigation between application and planting, interval is 18M. If applied after June 30th, rotating to alfalfa may result in crop injury.
Anthem	10M	
Anthem ATZ	See Note	Do not plant the year following application, or injury may occur.
Anthem Flex	10M	
Armezon	9M	
Armezon PRO	9M	
Autumn Super 51 WDG	18M - 24M	30" cumulative precipitation (not irrigation) from application to planting required. Soil pH ≥ 7.5 , interval is 24M.
Balance Flexx	10M	15" cumulative precipitation from application to planting required.
Basis Blend	10M - 18M	If drought conditions prevail between application and alfalfa planting, extend to 18M unless sprinkler irrigation applied. If rate applied is above 1.25 oz/A, 18M interval.
Bicep Lite II Magnum	See Note	Do not plant the year following application, or injury may occur.
Callisto	10M	
Callisto GT	10M	
Callisto Xtra	See Note	If applied after June 1, rotating to alfalfa the following year may result in crop injury.
Capreno	10M - 18M	Soil pH ≥ 7.5 , interval is 18M; Soil pH < 7.5 and alfalfa is spring seeded, interval can be reduced to 10M if $> 15"$ precip. between application and planting and only one application made to corn not > 3 fl oz/A.
Corvus	17M	30" precipitation required between application and planting.
Degree Xtra	See Note	Do not plant the year following application, or injury may occur.
Diflexx Duo	10M	
Elvore	9M	
Fierce EZ	10M	
Fultime NXT	9M	
Halex GT	10M	

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Harness	9M	
Harness MAX	10M	
Harness Xtra	See Note	Do not plant the year following application, or injury may occur.
Harness Xtra 5.6L	See Note	Do not plant the year following application, or injury may occur.
Hornet WDG	10.5M	Do not plant for 18 months if annual rainfall/irrigation is less than 15" on soils < 2% OM.
Impact	9M	
Impact Core	9M	
Impact Z	9M	
Instigate	10M	18M if < 15" rain/overhead irrigation received between application and planting; Interval varies outside state of WI; See label.
Katagon	10M	Outside state of WI, interval can be up to 12 months; See label.
Keystone LANXT	See Note	Do not plant the year following application, or injury may occur.
Keystone NXT	See Note	Do not plant the year following application, or injury may occur.
Laudis	10M	
Lexar EZ	18M	Do not plant the year following application, or injury may occur.
Lumax EZ	See Note	Do not plant the year following application, or injury may occur.
Maverick	9M	
NorthStar	8M	
Permit	9M	
Princep	See Note	Do not plant the year following application, or injury may occur.
Python	4M - 9M	See label; 9M when establishing federal Conservation Reserve Programs or Agricultural Reserve Programs, otherwise 4M.
Realm Q	10M - 18M	Increase interval to 18M if < 15" rainfall occurred between application and planting.
Resicore/Resicore XL	10.5M	If applied after June 1, rotating to alfalfa the following year may result in crop injury.
Resolve Q	10M - 18M	Extend interval to 18M if drought conditions prevail between application and alfalfa planting, unless > 15" sprinkler irrigation applied during growing season.
Restraint	9M	
Revulin Q	10M	Extend interval to 18M if drought conditions prevail between application and alfalfa planting, unless > 15" sprinkler irrigation applied during growing season.
Sharpen	4M - 9M	See label; Interval based on rate applied.
Shieldex 400SC	9M	
Sinate	9M	
Solstice	10M - 22M	10M; If applied postemergence after mesotrione application, severe crop injury to alfalfa may occur if planted the year following application
Stalwart 3W	See Note	Do not plant the year following application, or injury may occur.
Stalwart Xtra Lite	See Note	Do not plant the year following application, or injury may occur.

FY = Following Year. All other intervals measured in months.

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Steadfast Q	10M	Extend interval to 18M if drought conditions prevail between application and alfalfa planting, unless >15" sprinkler irrigation applied during growing season.
Stinger	10.5M	Potential for injury increased in areas of low OM (<2%) and < 15" average annual precipitation; may be reduced by burning or removal of residue, supplemental fall irrigation and tillage prior to planting.
Storen	10M - 18M	10M applies when total rate ≤ 2.1 qt/A and soil pH > 6.5 or > 18" of rain between application and planting. Otherwise interval is 18M. If applied after June 1, rotating to alfalfa the following year may cause injury the following year.
SureStart II	FY - 18M	When rainfall+irrigation < 15" on soils OM < 2%, do not plant for 18 M.
Surpass NXT	9M	
Tripleflex II	FY - 18M	If rainfall+irrigation < 15 inches and soil OM < 2%, do not plant for 18 M.
TriVolt	17M - 24M	30" cumulative precipitation (not >7" from overhead irrigation) between application and planting required. When soil pH ≥ 7.5 delayed to 24M.
Valor EZ	4M - 18M	See label; Interval based on rate applied and tillage practices.
Valor SX	4M - 18M	See label; Interval based on rate applied and tillage practices.
Verdict	7M - 8M	See label; Interval based on rate applied.
Yukon	9M	
Zidua	10M	

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Resources:

Wisconsin Herbicide Label Data
kellysolutions.com/WI

UW-Madison Extension Crops and Soils Program
cropsandsoils.extension.wisc.edu

