

Considering Your Grazing, Haying, and Silage Options for Herbicide-treated Corn and Soybean

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With the drought we are currently experiencing in Missouri and throughout much of the Midwest, many farmers are starting to consider using at least some portion of their corn and soybean crop for livestock feeding purposes. Before making this decision, one of the most important considerations is the forage and feeding restrictions of the herbicides that have already been sprayed for weed control in these fields. In other words, it will be critical to know the waiting period that must be followed between application of a given herbicide and the grazing or harvesting of that crop for use as a forage. Tables 1 and 2 contain this information for some of the most common herbicides utilized for weed management in corn and soybeans in Missouri. In corn, the majority of herbicide labels allow for some type of grazing or forage use following application. As illustrated in Table 1, corn herbicide forage restrictions may vary from as little as 0 to as many as 60 days after application. In soybeans however, most of the product labels DO NOT allow soybeans to be grazed or harvested for forage or hay following herbicide application, so it will be critical to consult the individual product label of the herbicide(s) applied before deciding to utilize this crop as a forage.

Table 1. Waiting period before utilizing herbicide-treated corn for grazing or forage (silage) use.

Herbicide	Grazing Restriction	Forage (silage) Restriction
	----- Time After Application -----	
2,4-D	7 days	7 days
Accent	30 days	30 days
Aim	none	none
Atrazine	60 days	60 days
Balance Flexx	none	none
Banvel	after milk stage	after milk stage
Beacon	30 days	45 days
Bicep II Magnum/Cinch ATZ	30 days	30 days
Buctril	30 days	30 days
Cadet	90 days	30 days
Callisto	do not graze	45 days
Callisto Xtra	do not graze	60 days
Capreno	45 days	45 days
Clarity	after milk stage	after milk stage
Corvus	45 days	45 days
Define	none	none
Degree	21 days	21 days
Degree Xtra	21 days	21 days
Distinct	32 days	32 days
Dual II Magnum/Cinch	30 days	30 days
Gramoxone	none	none
Guardzman Max	40 days	40 days
Halex GT	45 days	45 days
Harness	21 days	21 days
Harness Xtra	21 days	21 days
Hornet	85 days	45 days
Ignite	70 days	60 days
Impact	45 days	45 days
Keystone	21 days	21 days
Lariat/Bullet	21 days	21 days
Lasso/Micro-tech	none	none
Laudis	45 days	45 days
Lexar	45 days	45 days
Liberty	70 days	60 days
Lumax	45 days	45 days
Northstar	30 days	45 days
Outlook	60 days	60 days
Parallel	30 days	30 days
Peak	30 days	40 days
Prowl/Pendimethalin	21 days	21 days
Permit/Sandea	30 days	30 days
Prequel	30 days	30 days
Princep/Simazine	do not graze	none
Python	85 days	85 days
Realm Q	45 days	45 days
Resolve	30 days	30 days
Resource	28 days	28 days
Roundup/other glyphosates	50 days	50 days
Sencor	60 days	60 days
Sharpen	80 days	80 days
Shotgun	21 days	21 days
Spirit	30 days	40 days
Status	32 days	32 days
Steadfast	30 days	30 days
Steadfast ATZ	60 days	60 days
SureStart	45 days	45 days
Surpass/Topnotch	21 days	21 days
Stinger	40 days	40 days
Touchdown	50 days	50 days
TripleFlex	45 days	45 days
Verdict	80 days	80 days
WideMatch	47 days	47 days
Yukon	after milk stage, at least 30 days	after milk stage, at least 30 days

Table 2. Waiting period before utilizing herbicide-treated soybean for grazing or haying.

Herbicide	Label Statement Pertaining to Interval Between Application and Grazing, Haying, or Feeding Herbicide-treated Soybean
2,4-D	Consult individual label as product labels can vary. Do not cut for feed treated hay, forage, or fodder or graze treated soybeans to livestock.
Alert	Do not allow livestock to graze on treated soybean vines or feed treated vines or vine trash to livestock.
Assure II	Do not graze treated fields or harvest for forage or hay.
Authority Assist	Do not feed treated soybean forage, soybean hay or soybean straw to livestock.
Authority First	Do not feed treated soybean forage or soybean hay to livestock.
Authority MTZ	Do not graze treated soybean or harvest for forage or hay.
Authority XL	Do not feed treated soybean forage or soybean hay to livestock.
Basagran	Do not graze or cut treated soybean fields for forage or hay for at least 30 days after the last treatment.
Boundary	Do not graze or feed treated soybean forage for 40 days after application.
Butyrac 200/2,4-DB	Do not feed/graze soybean forage or harvest hay for 60 days following any 2,4-DB application.
Canopy	Do not graze treated fields or harvest for forage or hay.
Canopy EX	Allow 14 days after application before grazing or feeding forage or hay.
Classic	Do not graze treated fields or harvest for forage or hay.
Cobra	Do not graze treated fields or harvest for forage or hay.
Command	Do not allow livestock to graze on treated soybean vines or feed treated vines or vine trash to livestock.
Dawn	
Dual II Magnum/Cinch	Do not graze or feed treated soybean forage, hay, or straw to livestock 30 days following treatment.
Extreme	Do not graze or feed treated soybean forage, hay or straw to livestock.
Encompass	Do not graze treated fields or feed treated forage or hay to livestock.
Enlite	Do not graze treated fields or harvest for forage or hay.
Envive	Do not graze treated fields or harvest for forage or hay.
FirstRate	Do not apply within 14 days before harvest for forage or hay.
Flexstar/Flexstar GT	Do not graze treated areas or harvest for forage or hay.
Fusilade DX	Do not graze or harvest for forage or hay.
Gangster	Do not graze treated fields or feed treated forage or hay to livestock.
Gramoxone SL	Preplant or Pre-emergence: Do not graze or harvest for forage or hay before the R3 stage of soybean development (early pod). Spot Spray and postemergence directed sprays: 46 day forage or hay interval.
Harmony	Allow at least 7 days between application and grazing of treated forage. Allow at least 7 days between application and feeding of forage (green chop) from treated areas to livestock. Allow at least 30 days between application and feeding of dried hay from treated areas to livestock.
Ignite	Do not graze the treated crop or cut for hay.
Liberty	Do not graze the treated crop or cut for hay.
Op-Till	Do not graze or feed treated soybean forage, hay or straw to livestock.
Op-Till Pro	Do not graze or feed treated soybean forage, hay or straw to livestock.
Outlook	Do not graze or feed forage, hay, or straw to livestock.
Phoenix	Do not graze animals on green forage or stubble. Do not feed treated soybean silage (ensiled soybeans) to cattle. Do not utilize hay or straw for animal feed or bedding.
Poast/Poast Plus	Only processed meal from seed or hay may be fed to animals.
Prowl/Prowl H2O	Livestock can graze or be fed forage from treated soybean fields
Prefix	Do not graze treated areas or harvest for forage or hay.
Pursuit	Do not graze or feed treated soybean forage, hay or straw to livestock.
Python	Do not graze or feed treated soybean forage, hay or straw to livestock.
Raptor	No grazing or forage restrictions listed.
Resource	Do not graze treated fields or harvest for forage or hay.
Rhythm	Do not graze treated areas or harvest for forage or hay.
Roundup WeatherMax/other Roundup labels/other glyphosate labels	Roundup WeatherMax - Allow a minimum of 14 days between final application and harvest of soybean grain or feeding of soybean grain, forage or hay. Consult individual glyphosate and Roundup product labels. There are individual differences among labels.
Scepter	Do not graze or feed treated soybean forage, hay or straw to livestock.
Select Max	Do not graze treated fields or feed treated forage or hay to livestock.
Sencor/Metribuzin	Treated vines may be grazed or fed to livestock 40 days after application.
Sequence	Do not feed treated soybean forage or hay for 30 days after application.
Sharpen	Soybean forage may be fed or grazed 65 or more days after application.
Sonic	Do not feed treated soybean forage or soybean hay to livestock.
Storm	Do not allow livestock to graze on treated forage. Do not feed treated vines.
Synchrony XP	Do not graze treated fields or harvest for forage or hay.
Treflan	Consult product labels. No apparent grazing or forage restrictions when applied in soybeans.
Touchdown HiTech	Do not graze or harvest for forage or hay.
Ultra Blazer/Blazer	Do not use treated plants for feed or forage.
Valor SX/Encompass	Do not graze treated fields or feed treated forage or hay to livestock.
Valor XLT	Do not graze treated fields or feed treated forage or hay to livestock.
Verdict	Do not graze or feed forage, hay, or straw to livestock.