

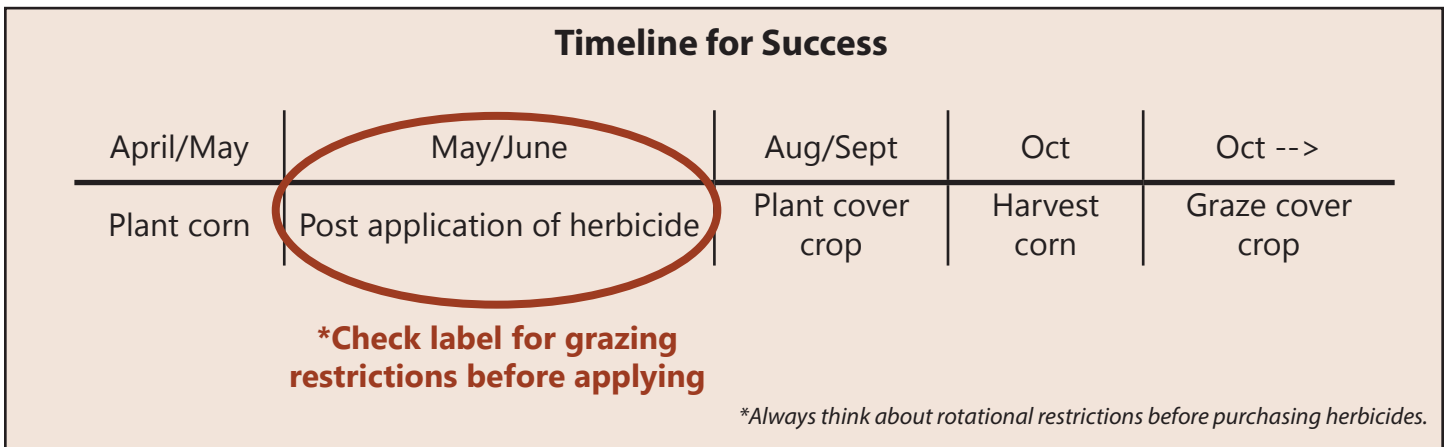


Herbicide Use May Restrict Options for Cover Crops

1. **Herbicide residues may prevent successful establishment of the cover crop(s)**

2. **Some herbicide residues could be detected in meat and milk products**

- Follow label restrictions: **The label is the law!**
- Examples of herbicides with short grazing restrictions: Basagran and Harmony (do not graze or cut fields treated for at least 30 days after last treatment)
- Look for less restrictive herbicides or alternative cover crop species



For more information:
(start here and then read the product label to double check)

Iowa State University
<https://store.extension.iastate.edu/Product/Herbicide-use-may-restrict-grazing-options-for-cover-crops>

University of Wisconsin
http://www.mccc.msu.edu/states/Wisconsin/2014_Factsheet_HerbicideRotationRestrictions.pdf

Penn State
<http://extension.psu.edu/plants/crops/soil-management/cover-crops/herbicide-persistence/herbicide-carryover-table>

Herbicide label example: Flexstar



syngenta.

ROTATIONAL CROP RESTRICTIONS

The following rotational crops may be planted after applying Flexstar GT 3.5 at specified rates:

Rotational Crops	Planting Time From Last Flexstar GT 3.5 Application
Bean, Dry Bean, Snap Cotton Potato Soybean Soybean, Succulent (edamame)	0 months
Bean, Lima Pea, Succulent Small Grains such as Wheat, Barley, Rye	4 months
Corn, Field Corn, Seed Corn, Sweet ⁵ Peanut Pepper (transplanted) ¹ Popcorn ⁴ Pumpkin ² Rice Tomato (transplanted) ¹ Watermelon ²	10 months
Bean, Succulent (other than edamame, snap bean and lima bean) Cantaloupe ² Cucumber ² Edible-podded beans and peas not otherwise specified in this table Eggplant Pea, Dry Pepper (direct-seeded) Squash ² Sunflower Sweet Potato Tomato (direct-seeded)	12 months
Sorghum ³	18 months
All other crops not listed above	18 months

¹ 4 months in Region 1

² 8 months in Region 1

³ 10 months in Region 1

⁴ 12 months in the states of Ohio, Kentucky, Illinois, Indiana, Iowa, and Region 4 and 4a when applied at rates of 3.5 pints per acre or more

⁵ 18 months in the states of Connecticut, Maine, Massachusetts, New Hampshire, New York, Rhode Island, Vermont and Region 5

Do not graze rotated small grain crops or harvest forage or straw for livestock.