

The New HatchTrakSM Resource

MARCH 2022

ANTHEM[®] FLEX HERBICIDE FOR BURNDOWN AND PREEMERGENT APPLICATIONS FOR CORN, SOYBEANS AND SUNFLOWERS

It's that time of year to start thinking about the weed control program that will be used for corn, soybeans and sunflowers in KS, OK, and northern TX. Decisions of what to use for a burndown application or to use for a preemergent application needs to be determined. Herbicide product shortages have made this a harder decision as there is much uncertainty around what products and product quantities are available. Products that have been used in the past may not be available this year nor the quantity needed. One product that currently is not in short supply is Anthem[®] Flex herbicide, which can be used as a burndown or a preemergent application before or in corn, soybeans, and sunflowers.

Anthem Flex herbicide is a combination of two modes of action, pyoxasulfone, a Group 15 herbicide and carfentrazone-ethyl, a Group 14 herbicide. It is very effective in controlling important grassy weeds and broadleaf weeds. In KS, OK, and northern TX, Anthem Flex herbicide has been primarily used in wheat for Italian ryegrass control, but it also has a real fit as a burndown or as a preemergent application in corn, soybeans, and sunflowers.

Burndown Applications

Anthem Flex herbicide can be used as a burndown application prior to planting corn, soybeans, and sunflowers. Starting clean and staying clean with good weed control prior to planting corn, soybeans, and sunflowers is essential to help maximize yields and quality. The outstanding performance of Anthem Flex herbicide can be found in the dual mode of action that combines the best-in-class preemergence annual grass control with postemergence control of key broadleaf weeds.

Anthem Flex Herbicide Burndown Recommendations

Corn, Soybeans, and Sunflowers:

Anthem Flex herbicide 3.5 - 4 fl. oz./A + glyphosate or effective alternatives + 2,4-D or dicamba + ammonium sulfate + surfactant

*For control of glyphosate-resistant Italian ryegrass or annual bluegrass:
Anthem Flex herbicide 3.5 - 4 fl. oz./A + Gramoxone[®] herbicide 32 fl. oz./A*

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Burndown and Preemergent Applications for Control of Broadleaf and Grassy Weeds



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BURNDOWN APPLICATIONS (Cont'd)

Anthem[®] Flex herbicide, when applied under 4 fl. oz./A, has a zero crop-rotation interval when planting back to corn, soybeans, and sunflowers.

Crop	Anthem Flex Herbicide Use Rate (fl. oz./A)				
	1.82	3.64	5.46	7.28	9.12
	Rotational Crop Interval (months after application)				
Corn	0	0	0	0	0
Soybeans	0	0	0	4	4
Sunflowers	0	0	0	3	4

Preemergent Applications

Anthem Flex herbicide can also be used as a preemergent for corn, soybeans and sunflowers. For corn, it can be applied 14 days prior to plant then up to prior to spiking corn. It can also be applied after corn emergence up to the V4 stage. For soybeans and sunflowers, preemergent applications need to be made prior to soybean and sunflower cracking and emergence to avoid possible injury.

Anthem Flex Herbicide Preemergent Recommendations

Corn:

Anthem Flex herbicide 3.5 - 4 fl. oz./A + atrazine 32 fl. oz./A + mesotrione 3 fl. oz./A

Soybeans:

Anthem Flex herbicide 3.5 - 4 fl. oz./A can be followed by sequential application of an Authority[®] brand herbicide.

Sunflowers:

Anthem Flex herbicide 3.5 - 4 fl. oz./A can be followed by sequential application of Spartan[®] 4F herbicide or Spartan[®] Charge herbicide.

Application Recommendations and Guidelines

- Apply to actively growing weeds and do not apply to frozen or snow-covered soils.
- For maximum activity, include a surfactant such as NIS, COC or MSO.
- For best results, apply when soil temperatures are at least 55°F.
- Anthem flex herbicide must be activated with a half inch of rain and/or irrigation prior to weed seedling emergence to provide residual control.
- Maximum use rate is determined by soil type. Consult product label for more information.