



**KANSAS SUPPLEMENT TO
CONSERVATION ENHANCEMENT ACTIVITY
E590A**

**CONSERVATION
STEWARDSHIP
PROGRAM**

**Improving nutrient update efficiency and reducing risk of
nutrient losses**

Additional Criteria for Kansas

- Use enhanced efficiency fertilizer (EEF) products with 1 or more nutrient applications.
 - Nitrogen EEF products

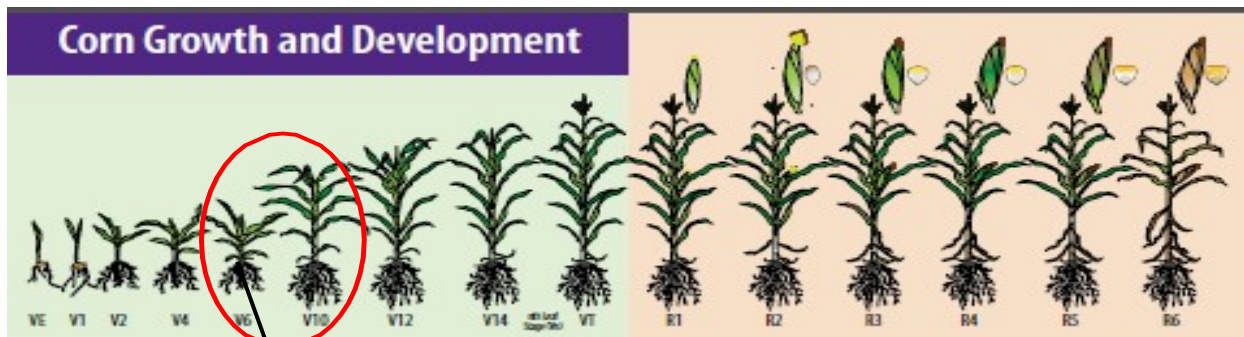
Action	Active Ingredient
Nitrification Inhibitor	2-Chloro-6-(trichloromethyl) pyridine (Nitrapyrin)
	Dicyanamide
	Dicyanamide + 2-Chloro-6-(trichloromethyl) pyridine (Nitrapyrin)
	Pronitridine
Urease Inhibitor	N-butyl-thiophosphoric triamide
Slow Release	Polymer-coated urea
	Sulfur-coated urea
	Polymer + sulfur-coated urea
	Urea formaldehyde methylene urea ¹
	Urea-triazone
	Methylene urea ¹ + triazone

¹ Methylene urea is not commonly used on row crops. It is predominantly used in high-value crops (such as vegetables and turf grass management). In some cases, it is also used in cotton production.

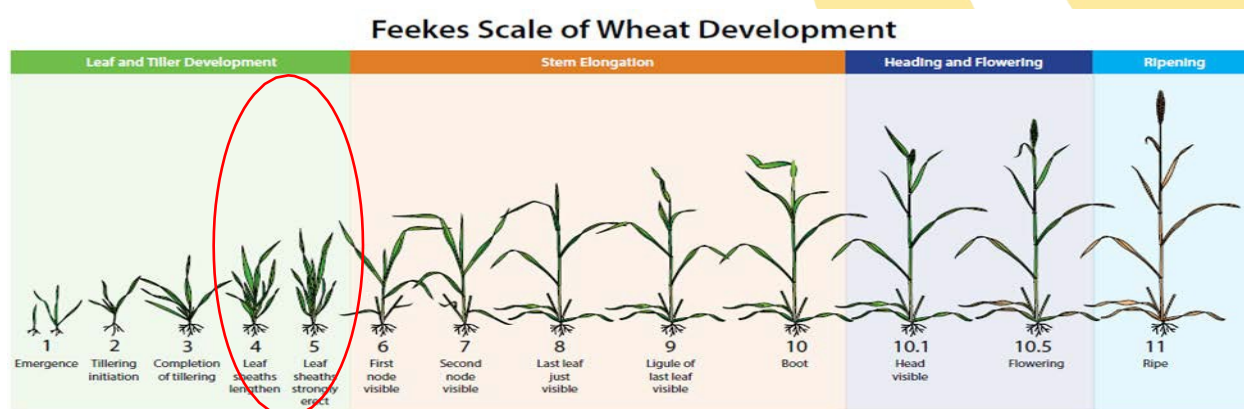
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Normalized Difference Vegetation Index (NDVI) measurements will be taken when the plant is in the 6 to 10 leaf stage. A reference strip will be used that has 125% of the nitrogen recommendation applied.



For NDVI measurements, the wheat should be in Feekes 4 or 5. A reference strip that has 125% of the nitrogen recommendation applied will be used.

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For NDVI measurements, the grain sorghum should be in the 5 to 12 leaf stage. A reference strip with 125% of the nitrogen recommendation applied for the crop will be used.

- Use nitrification inhibitors to delay the nitrification process by eliminating the bacteria nitrosomonas in the area where ammonium is present. The products listed below are approved for use:
 - 2-Chloro-6-(trichloromethyl) pyridine (Nitrapyrin)
 - Dicyandiamide
 - Dicyandiamide + 2-Chloro-6-(trichloromethyl) pyridine (Nitrapyrin)
- Use urease inhibitors to temporarily reduce the activity of the urease enzyme and slow the rate at which urea is hydrolyzed.
 - N-butyl-thiophosphoric triamide

Additional Documentation Requirements for Kansas

- Form KS-ECS-590, Nutrient Management, will be used to record planned nutrient budget, yield goal, and application (pounds/acre active ingredient nutrients must include nitrogen [N], phosphorus [P], and potassium [K]).