



Natural Resources Conservation Service  
 P.O. Box 1458  
 Bismarck, ND 58502-1458

June 29, 2012

**TECHNICAL GUIDE NOTICE ND-133**

This notice transmits revisions to the Field Office Technical Guide (FOTG) as follows:

**Section I:**

The Herbaceous Vegetation Establishment Guide has been updated as follows:

Guidance regarding acceptable seeding windows for pollinator mixes has been added (as a footnote) to the Seeding Dates Table in the Herbaceous Vegetation Establishment Guide.

Seeding Dates		
Species Type and Season of Planting	NORTH (53A, N.1/2 53B, 55A, N. 1/2 56, N. 1/3 55B)	SOUTH (58C, 58D, 54, S. 1/2 53B, S. 2/3 55B, S. 56)
<b>Cool Season Species</b>		
Spring <sup>3</sup>	Prior to May 20	Prior to May 10
Late summer <sup>1</sup>	August 10 to September 1	August 10 to September 15
Late fall (dormant) <sup>2,3</sup>	See footnote <sup>2</sup>	See footnote <sup>2</sup>
<b>Warm Season Species</b>		
Spring	May 10 to June 25	May 10 to June 25
<b>Warm/Cool Season Mix</b>		
Spring	May 1 to June 15	April 20 to June 1

<sup>1</sup> If legumes are part of a mixture, seed by August 25<sup>th</sup>. For winter survival, it is essential that alfalfa plants reach the 6-leaf stage prior to fall dormancy. Alfalfa requires 6-8 weeks growth after emergence to develop the 6-leaf stage.

<sup>2</sup> Seeding may occur once soil temperatures drop to 40° Fahrenheit for a minimum of 5 consecutive days (usually after November 1) based upon North Dakota Agriculture Weather Network <http://ndawn.ndsu.nodak.edu/index.html> or actual field measurements at a depth of 2 inches.

<sup>3</sup> Pollinator plantings consisting of forbs only (no grasses) will be seeded during the spring or dormant seeding windows. Pollinator plantings consisting of forb and grass mixtures will be seeded during the appropriate seeding window for the grass component of the mixture.



**Section II:**

- All available rangeland health reference worksheets have been updated and are now accessible either as PDF files or through the Ecological Site Information System (ESIS) at <http://esis.sc.egov.usda.gov/> .

A PDF document with links to the ecological site descriptions, rangeland health reference worksheets, and range site descriptions (for those areas without ecological site descriptions) has been updated and is located in FOTG - Section II – [Ecological Site Descriptions and Reference Worksheets by MLRA](#).

- Interpretive Tables have been updated and Productivity Index With Soybean Adjustments have been made to the following counties: Renville

Barnes	Foster	Pembina	Sheridan
Benson	Grand Forks	Pierce	Steele
Bottineau	Griggs	Ramsey	Stutsman
Cass	Kidder	Ransom	Towner
Cavalier	LaMoure	Renville	Trail
Dickey	McHenry	Rolette	Walsh
Eddy	Nelson	Sargent	Wells

Questions regarding pollinator plantings or rangeland health references should be directed to Jeff Printz, Rangeland Management Specialist, at [jeff.printz@nd.usda.gov](mailto:jeff.printz@nd.usda.gov) or 701-530-2080.

Question concerning Interpretive Tables and Productivity Index with soybean adjustments should be directed to Wade Bott, Soil Data Quality Specialist, at [wade.bott@nd.usda.gov](mailto:wade.bott@nd.usda.gov) or 701-530-2021.

/s/

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State Resource Conservationist

Distribution: All FOTG Holders