



Natural Resources Conservation Service
WASHINGTON

ANM25 – Stockpiling of forage to extend the grazing season

CSP Enhancement Washington State Supplement

Land Use Applicability: Pastureland

January 2014

Client/Operating Unit:

Tract Number:

Farm/Ranch Location:

Farm Number:

Specifications Date:

Field Number(s):

Planned Installation Date:

Proposed Treatment Acres:

Enhancement Description:

[Table of Contents](#)

Livestock are excluded from forages on specified acres during the growth season. The “stockpiled” forages are grazed at a later time using strip grazing to allow animals to utilize the forage within a strip for a specified period of time.

Benefits

Managing grazing land to “stockpile” forages for later use extends the grazing season and promotes yearlong grazing. Stockpiling also provides long-term grass sustainability and improved forage health resulting in higher quality forage for livestock. Eliminating a minimum of one hay cutting reduces fuel use and labor. Water quality is improved since manure is evenly distributed throughout the pasture as livestock graze, and nutrient loading at hay feeding sites, if needed, is reduced.

Conditions Where Enhancement Applies

This enhancement applies to all pasture land use acres.

Criteria for stockpiling of forage to extend the grazing season

Grazing on stockpiled forage must follow a grazing plan that includes:

1. Exclude grazing from specified acres for a state specified time period (at least three months minimum for cool season and two months for warm season),
2. Acreage needed will be calculated using a ratio of one acre per animal unit,
3. Stockpiled acreage will be fertilized to achieve adequate forage growth,
4. Livestock must be rotated into a new stockpiled paddock every 1-3 days; use temporary fencing to adjust strip size to match forage availability,
5. Do not allow livestock to access previously grazed stockpiled areas when spring regrowth begins until adequate forage heights exist,
6. Follow NRCS Prescribed Grazing practice standard (528) each year this enhancement is in effect, including applying a prescribed grazing plan on the entire operation, and
7. Certification that practice requirements have been met after grazing of stockpiled forages begins each year.

Layout Sketch & Drawing (Provide sketch, drawings, maps, and/or aerial photographs.)

- Geo-referenced field map with all delineated treatment areas where CSP Enhancement ANM25 is to be applied.

Adoption Requirements

This enhancement is considered adopted when a prescribed grazing plan that specifies stockpiling acres has been developed and implemented.

Documentation Requirements

1. A copy of the operation's prescribed grazing plan,
2. Specified stockpiled acres designated on a map and in the prescribed grazing plan, and
3. Photographs showing stockpiled forage for each such pasture.

References*:

Ball, D.M., E.N. Ballard, M.L. Kennedy, G.D. Lacefield and D.J. Undersander. 2008. Extending Grazing and Reducing Stored Feed Needs. Grazing Lands Conservation Initiative Publication 8-01, Bryan Tx.

Curtis, L.E., R.L. Kallenbach and C.A. Roberts. 2008. Allocating Forage to Fall-calving Cow-calf Pairs Strip-grazing Stockpiled Tall Fescue. Journal of Animal Science (86): 780-789.

Hitz, A.C. and J.R. Russell. 1998. Potential of Stockpiled Perennial Forages in Winter Grazing Systems for Pregnant Beef Cows. Journal of Animal Science (76):404-415.

Rayburn, E.B. (editor). 2007. Forage Utilization for Pasture Based Livestock Production. NRAES – Book 173; Chapter 6 - Deferred Grazing to Extend the Grazing Season: p. 82-96. PALS Publishing, Ithaca, New York.

USDA-NRCS. 2010. Conservation Practice Standard: Prescribed Grazing-Code 528.

Field Office Technical Guide:

[eFOTG, http://www.nrcs.usda.gov/technical/efotg/](http://www.nrcs.usda.gov/technical/efotg/)

* Some online documents may take several minutes to download.

State Supplemental Information

States need to identify the grazing season

- Stockpiled forage grazing season is November 1 to March 31.
- The period excluded from grazing will include at least 30% of the growth curve for the appropriate Forage Suitability Group.

Documentation Form

Producer: []

Date: []

Tracts: []

County: []

A copy of the operation’s prescribed grazing plan,
Specified stockpiled acres designated on a map and in the prescribed grazing plan, and
Photographs showing stockpiled forage for each such pasture.

Client’s Acknowledgement (To be signed before the Enhancement is applied.)

By signing below, I acknowledge that I:

- have reviewed and understand the site specific design, installation specifications and operation/maintenance requirements in this State Supplemental Sheet and have an understanding of the purpose(s) of this Enhancement;
● will install, operate, and maintain this Enhancement in accordance with the National Sheet, the Washington State Supplemental Sheet and the site specific specifications.
● will make no changes to the planned design and installation without prior written approval of the Natural Resources Conservation Service.
● will obtain all necessary permits and/or rights, and comply with all ordinances and laws pertaining to the installation, operation, and maintenance of this Enhancement, prior to the start of installation; and
● will assume responsibility for notifying all Utilities affected by the installation, operation and maintenance of this Enhancement.

[]

Signature

[]

Date

USDA is an equal opportunity employer and service provider.