Animal Enhancement Activity – ANM25 – Stockpiling of forage to extend the grazing season

Enhancement Description
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.

Land Use Applicability
Pastureland

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
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.

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.
Additional guidance for stockpiling forages:

Stockpiling of forages for use in fall and winter can help reduce the expense of winter feeding, and can provide benefits to livestock and other resources. On pastures, grazing can be delayed to accumulate sufficient forage for fall and winter grazing. Livestock should be excluded from pastures to be stockpiled by mid to late summer (refer to Criteria #1 for minimum time periods) to provide adequate over-winter forage. When stockpiling hayland, omit the last cutting to provide adequate forage for fall and/or winter grazing. Consideration should be given to the nutritive value and palatability of stockpiled forages in the prescribed grazing plan.

For additional information, refer to the following documents:


http://jas.fass.org/cgi/content/abstract/76/2/404

Iowa State University Extension. 1998. Stockpiled forages: A way to extend the grazing season. PM 1772.
http://www.extension.iastate.edu/Publications/PM1772.pdf


http://info.ag.uidaho.edu/forage/index.html
http://agron.scijournals.org/cgi/content/abstract/100/4/931

This activity may be used with any other enhancement.

**Potential Duplicate Practices:**  
528 – Prescribed Grazing