



Enhancement Activities

Enhancements activities refer to actions that provide resource benefits beyond the level prescribed by NRCS conservation practice standards. Once implemented enhancement activities should result in an observable or measurable improvement to the condition of one or more of the soil, water, air, plant, or animal resources, or provide for more efficient resource utilization and/or energy conservation.

Enhancement Activity Benefits

Enhancement activities associated with grazing management such as increasing the intensity of rotational grazing, improving the quality of the forage and pasture condition by overseeding cool-season legumes, improving water quality by excluding livestock from farm ponds, streams, wetlands or other sensitive aquatic areas, or improving the

grazing system by utilizing stockpiled fescue can result in the following benefits to the producer and the environment:

- Reduced risks to ground and surface water quality
- Increased ecosystem health for better water cycling, mineral cycling, and biologic integrity
- Lower costs by increasing efficiency of your operation

CSP Payments

You can earn payments if you meet the minimum level eligibility for grazing lands and have participated in any of the following enhancement activities:

- Implemented moderately intensive grazing management systems
- Adhered to the recommendations of an annual soil test
- Established cool season legumes in perennial grasses pastures.
- Participated in the NUTBAL program with NRCS and Texas A&M University.
- Rotated feeding, supplementation, haying and loafing areas.
- Excluded livestock from farm ponds, streams, wetlands or sensitive aquatic areas.
- Used stock-piled fescue in a prescribed grazing system.

Client's Acknowledgement Statement:

I have used the following Grazing Management activities:

- Improved quality and quantity of pasture forages by implementing a moderately intensive grazing management system that includes 4 to 8 pastures with less than 10 days of continuous grazing per pasture.
- Applied all recommendations that result from analysis of annual soil test.
- Managed a 20:80 legume to grass ratio in permanent pastures.
- Applied all recommendations that resulted from the NUTBAL assessment annually.
- Rotated feeding and supplementation areas to help distribute high concentrations of nutrients and prevent excessive erosion.
- Improved water quality by excluding livestock from farm ponds, streams, wetlands and other sensitive aquatic areas.
- Managed and improve the grazing system by stock-piling fescue.

I agree that the following information will be provided to NRCS upon request:

- Written documentation of the activity performed (use attached worksheets or equivalent).
- Copies of dated receipts for equipment or services purchased.

I understand that it is my responsibility to obtain all necessary permits and to comply with all ordinances and laws pertaining to the application of these activities.

Name: _____ Date: _____

Name: _____

Worksheet 1 – Adhering to Annual Soil Test

Payment = \$1.00/acre/year/Ag Operation for pasture units adhering to annual soil test recommendations.

Pasture management units on the agricultural operation undergo annual soil testing according to the Mississippi State University Extension Service guidelines. At a minimum the recommended soil test amendments will be applied on an annual basis without exceeding the recommendation by more than 10%. Realistic goals will be established based upon recent historical records. Nitrogen will be applied no more that 15 days before green-up and in split applications. Use the worksheet to indicate which pastures are tested and when. Keep nutrient application records. Follow Conservation Practice Standard Nutrient Management, 590.

Use this or similar table to document where Soil Testing is done.

Pasture Management Units	System Acres	Year
Fields 2, 3,5,6 & 8	215	2004

Adherence to Soil Test Certification

I certify that I have adhered to an annual soil test on the fields listed in the table above. Attached is the soil analysis report.

Name: _____ Date: _____

Name: _____

Worksheet 2 – Adhering to Annual NUTBAL Recommendations

Payment = \$1.00/acre/year/Ag Operation for pasture units adhering to annual NUTBAL recommendations.

Pasture management units on the agricultural operation will participate in the NUTBAL program with assistance provided by the Texas A&M University, Mississippi Cooperative Extension Service and NRCS. A minimum of two samples will be collected annually. Prescribed grazing (rotational grazing) is required. Forage, hay and silage samples are suggested but not required. Realistic goals will be established based upon recent historical records. Use the worksheet to indicate which pastures are tested and when. Keep supplementation records. Follow Conservation Practice Standard Nutrient Management, 590.

Use this or similar table to document use of NUTBAL.

Pasture Management Units	System Acres	Year
Fields 2, 3,5,6 & 8	215	2004

Adherence to NUTBAL Certification

I certify that I have adhered to NUTBAL recommendations on the fields listed in the table above. Attached is a copy of the NUTBAL report.

Name: _____ Date: _____

Name: _____

Worksheet 3 – Prescribed Grazing Pasture- Moderate Intensity

Payment = \$8.00/acre/year/Ag Operation for pasture units using prescribed grazing.

Pasture management units on the agricultural operation are in a prescribed (rotational) grazing system. The grazing system should contain between 4 and 8 grazing cells or management units. Each pasture will be grazed less than 14 consecutive days. Pastures will rest 50 to 75% of the time. Use the worksheet to indicate which pastures are rotated and when. Keep actual use records. Managers are encouraged to take before and after photos at key areas. Attach grazing records and photos for the unit for each year. Follow Conservation Practice Standard Prescribed Grazing, 528.

Use this or similar table to document where moderate intensity prescribed grazing is done.

Pasture Management Units	System Acres	Year
Fields 2, 3,5,6 & 8	215	2004

Moderate Intensity Prescribed Grazing Certification

I certify that I have used a moderate intensity prescribed grazing system on the fields listed in the table above. Attached are grazing records indicating pasture entry dates, exit dates, and forage conditions relative to the dates indicated.

Name: _____

Date: _____

Name: _____

Worksheet 4 - Improve pasture condition and forage quality by maintaining a 20:80 legume to grass ratio.

Payment = \$20.00/acre/year/Ag Operation for pastures with cool-season legumes established and rotationally grazed.

Pasture condition and forage quality will be improved by establishing desirable cool-season legumes. Permanent grass pastures will be prepared by close grazing or by mowing to a height of two to three inches. Seed will be no-till planted or drilled at the recommended planting dates and rates. A 20:80 legume grass ratio will be maintained. Forages will be grazed following a prescribed grazing system. Follow Conservation Practice Standard Pasture and Hayland Planting-512 and Prescribed Grazing-528.

Use this or similar table to show where cool season legumes were established.

Management Units	Types of Forages Overseeded	System Acres	Year
1,2,3	Crimson clover	200	2004

Overseeding With Suitable Cool-Season Legumes Certification

I certify that desirable cool-season legumes have been established and maintained on a 20:80 legume grass ratio on the fields listed in the table above.

Name: _____ Date: _____

Name: _____

Worksheet 5 – Rotating feeding and supplementation areas.

Payment = \$2.00/acre/year/Ag Operation for concentrated use area maintenance.

Manage and improve conditions of all livestock concentrated use sites by rotating the location of feeding and mineral supplementation areas at least once annually. This includes haying areas. All concentrated use areas must be relocated a distance of at least 200 feet. Feeding and mineral supplementation area locations should be documented on a map annually. Heavy use areas which meet NRCS Conservation Practice Standard Heavy Use Area, 561 requirements are exempt from rotation. Payment is for acres in each field in which the rotation is properly maintained.

Use this or similar table to show fields where concentrated use areas are rotated.

Management Units	Type of Treatment	Acres Treated	Year
Field 9	Rotation of concentrated use areas.	13.5	2004

Concentrated Use Area Rotation Certification

I certify that I have rotated the concentrated use areas on the fields listed in the table above. A plan map is attached showing the previous and new locations of concentrated use areas.

Name: _____ Date: _____

Name: _____

Worksheet 6 - Exclude livestock from environmentally sensitive aquatic areas

Payment = \$2.00/acre/year/Ag Operation for area for which livestock are excluded.

Prevent domestic livestock from accessing environmentally sensitive aquatic areas such as farm ponds, streams and wetlands. The livestock exclusion can be achieved through the use of fences and gates. Barriers should control the targeted animal and not be a safety hazard. The fences should meet NRCS standards and specifications and should meet the intended purpose and life expectancy. Follow Conservation Practice Standard 472, Use Exclusion and Fence, 382.

This enhancement is permanent use exclusion (for the length of the stewardship contract).

Protected aquatic areas need to be evaluated prior to and during exclusion to determine if desired ecological changes are occurring. Weed control and other maintenance will be performed as needed to maintain the integrity of the protected areas and the fence.

Use this or similar table to show excluded areas.

Location	Acres	Type of Fence
Turner Creek	113	Four strand barbed wire fence

Livestock Exclusion Certification

I certify that I have excluded livestock from sensitive aquatic areas on the locations listed in the table above. A map is attached showing sensitive areas protected.

Name: _____ Date: _____

Name: _____

Worksheet 7 - Manage and improve the grazing system by producing and managing stockpiled fescue.

Payment = \$10.00/acre/year/Ag Operation for proper stockpiled fescue grazing management.

Tall fescue fields will be managed for stockpiling and grazing at later dates. In late August or early September (by September 10), fields will be grazed or mowed to about four inches in height, fertilized according to Mississippi State University Extension Service recommendations and allowed to grow until December or later. Grazing will be done utilizing prescribed grazing. Strip grazing is one recommended technique. Follow Conservation Practice Standard Prescribed Grazing, 528 and Nutrient Management, 590.

Use this or similar table to show fields where fescue is stockpiled.

Management Units	Type of Grazing Management	Acres Stockpiled	Year
Jones Pasture	Strip Grazing	40	2004

Stockpiling Fescue Certification

I certify that I have stockpiled fescue on the fields) listed in the table above.

Name: _____ Date: _____