

ARKANSAS FACT SHEET

October, 2010

PRACTICE DEFINITION

The management or removal of woody non-herbaceous or succulent plants including invasive or noxious species.

PRACTICE PURPOSE

- Restore natural plant community balance.
- Create the desired plant community.
- Restore desired vegetative cover to protect soils, control erosion, reduce sediment, improve water quality and enhance stream flow.
- Maintain, modify, or enhance fish and wildlife habitat.
- Improve forage accessibility, quality and quantity for livestock.
- Manage fuel loads to achieve desired conditions.

PICTURE

PICTURE

PRACTICE INFORMATION

This is a multipurpose practice that applies on all lands except active cropland where the removal, reduction, or manipulation of woody (non-herbaceous or succulent) plants is desired.

The brush management practice is designed to achieve the optimum level of control of the target woody species and protection of the desired species. This will be accomplished by mechanical, chemical, biological methods, or a combination of these techniques. The practice is also planned and applied to meet the habitat requirements of fish and wildlife.

To ensure an enduring desired response to brush management, the conservation plan will include the management practices labeled Prescribed Grazing for all grazinglands and Wetland or Upland Wildlife Habitat Management where wildlife habitat is a concern.

This document is not all inclusive and should not be considered as the final rule for implementation. The Conservation Practice Standard, Practice Specification and AR Amendment 19 are the official guidance documents for implementation of this practice.

PRACTICE PAYMENT SCENARIOS

October, 2010

Brush-Chem

Acre

\$30.26

This management practice is for a typical 20 acres of brush management chemical treatment on pasture and hayland where the primary vegetation is brush. What the practice entails is the eradication of brush by use of herbicides in order to promote forage productivity and improvement. This practice is applied to hayland and pastures in Arkansas that does not have soils with channels near the soil surface which would allow infiltrating water to directly enter an underlying aquifer. This option is for the easier to control brush species such as buck brush that can be controlled with one spraying. For harder to control brush, repeat the practice a second year.

Brush-Mech

Acre

\$15.60

This management practice is for Brush Management, mechanical treatment on pasture and hayland. What the practice entails is the eradication of brush by use of mower, brush hog or other mechanical means in order to promote forage productivity and improvement. Repeated mowing reduces the vigor of some common Arkansas' biennial and perennials such as buckbrush whereas others might need to be sprayed, if appropriate.

Brush Mgt. Wildlife-Chem

Acre

\$37.83

This management practice is for a typical 20 acres of brush management chemical treatment on pasture and hayland where the primary vegetation is brush. What the practice entails is the eradication of brush by use of herbicides in order to promote forage productivity and improvement. This practice is applied to hayland and pastures in Arkansas that does not have soils with channels near the soil surface which would allow infiltrating water to directly enter an underlying aquifer. This option is for wildlife management where between 30% and 70% brush is to be maintained in the field.

Brush Mgt. Wildlife-Mech

Acre

\$15.60

This management practice is for Brush Management, mechanical treatment on pasture and hayland. What the practice entails is the eradication of brush by use of mower, brush hog or other mechanical means in order to promote forage productivity and improvement. Repeated mowing reduces the vigor of some common Arkansas' biennial and perennials such as buckbrush whereas others might need to be sprayed, if appropriate.

PRACTICE PLANNING GUIDANCE

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- **This practice shall be scheduled 1 time per field, per contract.**
- **Payment shall be made upon completion of this practice.**
- **Mechanical treatment or chemical treatment may be used.**
- **If chemical treatment is used a Win-Pst report shall be produced for the chemicals to be used.**
- **This practice is for the removal of “woody” non-herbaceous vegetation only, not to be used for general weed control.**
- **This practice shall be planned on acres where needed, not necessarily whole fields.**
- **If this practice is used on wildlife habitat activities it shall be conducted outside the primary nesting season.**