

## Conservation Mowing

Mowing has its place in managing wildlife habitat but is too often used too frequently or incorrectly causing undesirable consequences. It can be used to help control annual weed growth when establishing native warm season grasses, to control the invasion of woody stem plants in grasslands, and reduce the amount of standing vegetation prior to conducting a prescribed burn or herbicide treatment. It is not being used as a management tool when mowing is used to reduce the diversity of plant species which in turn reduces the diversity of wildlife foods, nesting sites and protective cover. For example, mowing a grass field several times over the course of growing season will thicken the grass component eliminating the ability of forbs and legumes to compete and remain within the grassland.

### Frequent mowing reduces:

- Diversity of Plant Species (food sources)
- Nesting sites
- Protective Cover
- Wildlife species escape potential from predators

### Can be used for:

- Control annual weed growth
- Control of woody stem plants in grassland
- Maintain fire breaks and trails
- Reduce the amount of standing vegetation prior to prescribed burn or herbicide treatment.

For the Conservation Stewardship Program mowing as a management practice will leave a height of 6 to 15 inches to provide necessary ground cover for the wildlife. If you choose mowing as a management practice indicate how mowing is to be used in your management plan.

### Timing of Vegetation Control needs to be considered –

Primary nesting and brood rearing seasons for grassland wildlife extends from April 1 thru August 1. Mowing can be conducted between August 1<sup>st</sup> and October 1<sup>st</sup> to allow plants to reach sufficient heights to provide sufficient winter cover benefits while removing woody vegetation.

**Please note: Mowing and baling a grassland or pasture makes those acres ineligible for the CSP.**

***IN GENERAL, any type of mowing should be delayed until after August 1<sup>st</sup>.***

### Types of Mowing:

**Noxious Weed Control** - Limit mowing to only those areas that are affected and raise the height of the mow blades so that only the seed heads are removed. This can be done during native prairie establishment as well during the 1<sup>st</sup> year of the new planting.

**Firebreak** - Mowing keeps the vegetation short and lush, removes the build-up of thatch, and helps control the height of the flames near the edges of the burn area.

**Strip Mowing** - Alternate mowed and non-mowed strips across the entire field to control woody plants. There are some negative effects. Therefore utilize strip mowing only to the degree necessary to control the woody invasion.

**Trails** – Trails may be mowed a 2-3 times a year to facilitate access to the property to conduct other management activities, such as invasive species removal. Only enough trails may be constructed to allow for management activities to take place. Trails should not be any wider than 10 ft with surrounding native vegetation being left undisturbed. No destructive ATV use is allowed on CSP properties (i.e. a dirt bike track, etc.)