

**Pennsylvania
Wildlife Habitat Evaluation
Pasture and Permanent Hayland - General Wildlife**

Name: _____ **Date:** _____

Farm Number: _____ **Tract Number:** _____ **Field Number(s):** _____ **County:** _____

If using this evaluation for "old field" or "idle areas," tree and shrub canopy coverage must be less than 30%.

| | | |
|--|---------------------------|--------------------------|
| Check (under 'E') and record the score for each of the criteria below to document the existing conditions as part of the inventory and evaluation process. The score for planned conditions should be circled and recorded for alternatives developed or decisions made. | Points if Existing | Points if Planned |
|--|---------------------------|--------------------------|

E (1) Pasture and Hayland Management

NOTE: If the score for Criteria (6) Field Size (page 2) is less than 0.5 and the score this Criteria (1) is 0.2 or less, then the Index (Overall Score) is '0': When (6) <0.5 AND (1) = 0.2 or less, then Index = 0.

| | Pasture | Hayland | | |
|--------------------------|--|---|-----|-----|
| <input type="checkbox"/> | Light grazing, 75% of acreage not grazed below 6 in. | Idle, or harvest Aug. 1 - Aug. 31. | 1 | 1 |
| <input type="checkbox"/> | Moderate grazing, 50% of acreage not grazed below 6 in.; OR, 20% of acreage deferred after July 15 | At least 20% delayed harvest, after July 31 | 0.5 | 0.5 |
| <input type="checkbox"/> | 20% of acreage deferred after June 30 | At least 20% delayed harvest, after July 15 | 0.4 | 0.4 |
| <input type="checkbox"/> | Rotn'l. Grazing - Heavy, all grazed below 6 in. before July 1 | At least 20% delayed harvest, after June 30 | 0.2 | 0.2 |
| <input type="checkbox"/> | Cont. Grazing - Heavy, all grazed below 6 in. before July 1 | All acreage harvested before July 1 | 0 | 0 |

Pasture and Hayland Management Points

E (2) Grass Composition

| | | | |
|--------------------------|---|-----|-----|
| <input type="checkbox"/> | Mixed native WSG predominant (less than 25% introduced CSG), with at least 10% forbs/legumes | 1 | 1 |
| <input type="checkbox"/> | Mixed native WSG; OR, Timothy and/or orchardgrass predominant, with greater than 25% legume(s). | 0.8 | 0.8 |
| <input type="checkbox"/> | Single native WSG; OR, Smth bromegr., per. ryegr. &/or KY bluegr. predm't., with greater than 25% legume(s) | 0.5 | 0.5 |
| <input type="checkbox"/> | Introduced CSG, predominantly timothy or orchardgrass | 0.4 | 0.4 |
| <input type="checkbox"/> | Introduced CSG, predominantly smooth bromegrass, perennial ryegrass, or Kentucky bluegrass | 0.2 | 0.2 |
| <input type="checkbox"/> | Introduced CSG, predominantly tall fescue or reed canarygrass | 0 | 0 |

Grass Composition Points

E (3) Desirable Forb/Legume Diversity*

| | | | |
|--------------------------|----------------------|-----|-----|
| <input type="checkbox"/> | 5 or more species | 1 | 1 |
| <input type="checkbox"/> | 3 or 4 species | 0.5 | 0.5 |
| <input type="checkbox"/> | 1 or 2 species | 0.2 | 0.2 |
| <input type="checkbox"/> | No forbes or legumes | 0 | 0 |

*Must comprise at least 10% Canopy Coverage **Desirable Forb/Legume Diversity Points**

E (4) Desirable Forb/Legume Canopy Coverage

| | | | |
|--|---------------------------------------|-----|-----|
| Percent of field covered by desirable forbs/legumes: | | | |
| <input type="checkbox"/> | 26% to 50% | 1 | 1 |
| <input type="checkbox"/> | 10% to 25% <u>OR</u> 51% to 75% | 0.5 | 0.5 |
| <input type="checkbox"/> | Less than 10% <u>OR</u> More than 75% | 0 | 0 |

Desirable Forb/Legume Canopy Coverage Points

E (5) Problem Introduced Species

| | | | |
|---|--|-----|-----|
| Presence of one or all: tall fescue, reed canarygrass, or crown vetch | | | |
| <input type="checkbox"/> | None | 1 | 1 |
| <input type="checkbox"/> | Rare to Occasional (less than or equal to 10%) | 0.5 | 0.5 |
| <input type="checkbox"/> | Common (greater than 10%) | 0 | 0 |

Problem Introduced Species Points

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| E (6) Field Size | | | | | |
|--|-----------------------|----|--|--------------|--|
| Average distance from center of the field(s) to dense shrubby cover, hedgerow, or other perennial vegetative field border, all at least 30 ft. wide; or ave. dist. to <u>un-grazed</u> woodland. -- OR -- percent of the field(s) acreage within either 350ft. or 700 ft. feet of same habitats. * | | | | | |
| <input type="checkbox"/> | 250 ft. from center | OR | 100% of acreage is within 350 ft. | 1 1 | |
| <input type="checkbox"/> | 500 ft. from center | OR | 100% of acreage is within 700 ft. | 0.8 0.8 | |
| <input type="checkbox"/> | 1,000 ft. from center | OR | more than 50% of acreage is within 700 ft. | 0.5 0.5 | |
| <input type="checkbox"/> | 1,500 ft. from center | OR | more than 25% of acreage is within 700 ft. | 0.2 0.2 | |
| <input type="checkbox"/> | 2,000 ft. from center | OR | less than 25% of acreage is within 700 ft. | 0 0 | |
| Field Size Points | | | | | |
| *Not required to be part of the field, but must be adjacent to the field; however, must also be under control of the decision-maker. | | | | | |
| Total Points for Existing and Planned (Maximum points possible is 6.0) = | | | | | |
| Overall Score | | | | | |
| Existing Index = Total Existing Points ÷ 6 (1.0 is the maximum possible Index) | | | | | |
| Existing Index = | | | | | |
| Planned Index = Total Planned Points ÷ 6 (1.0 is the maximum possible Index) | | | | | |
| Planned Index = | | | | | |

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