

**Pennsylvania
Wildlife Habitat Evaluation
Pasture and Permanent Hayland - Grassland Birds**

Name: _____ **Date:** _____

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

Tree and shrub canopy coverage must be no more than 10%.

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 this Criteria (1) OR Criteria (2) Grass Composition is '0', then the Index (Overall Score) = 0

Pasture		Hayland		
<input type="checkbox"/>	Light grazing, 75% of acreage not grazed below 6 in.	At least 50% delayed harvest, after July 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	0.8	0.8
<input type="checkbox"/>	20% of acreage deferred after June 30	At least 20% delayed harvest, after July 15	0.5	0.5
<input type="checkbox"/>	Rotn'l. Grzg. - Mod., not >80% grazed <6 in. before July 15	At least 20% delayed harvest, after June 30	0.4	0.4
<input type="checkbox"/>	Rotn'l. Grzg. - Heavy, not >80% grazed <6 in. before July 1	At least 10% delayed harvest, after June 30	0.2	0.2
<input type="checkbox"/>	Heavy Grazing, 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 (<10% forbs/leg.); OR, Timothy and/or orchardgrass predominant, with at least 10% legume(s).	0.8	0.8
<input type="checkbox"/>	Single native WSG	0.5	0.5
<input type="checkbox"/>	Timothy and/or orchardgrass predominant, with less than 10% legume(s)	0.4	0.4
<input type="checkbox"/>	Smooth bromegrass and/or perennial ryegrass, KY bluegrass, reed canarygrass, or tall fescue predominant	0	0

Grass Composition Points

E (3) Desirable Forb/Legume Diversity*

<input type="checkbox"/>	10 or more species	1	1
<input type="checkbox"/>	5 to 9 species	0.5	0.5
<input type="checkbox"/>	1 to 4 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"/>	10% to 30%	1	1
<input type="checkbox"/>	31% to 50%	0.5	0.5
<input type="checkbox"/>	Less than 10% <u>OR</u> More than 50%	0	0

Desirable Forb/Legume Canopy Coverage Points

E (5) Problem Species

Noxious or invasive species; OR, 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 Species Points

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E (6) Field Size				
<i>Average distance</i> from center of the field(s) to hedgerows, forest land, or other areas with mature trees or shrubs over 20 feet tall. -- OR -- <i>Percent of the field(s) acreage</i> within either 700 ft. or 350 ft. feet of such areas.				
<input type="checkbox"/> 1,500 ft. from center (>150 ac. grassland)**	OR	less than 50% of acreage is within 700 ft.	1	1
<input type="checkbox"/> 1,000 ft. from center (>70 ac. grassland)	OR	50% to 75% of acreage is within 700 ft.	0.8	0.8
<input type="checkbox"/> 500 ft. from center (>15 ac. grassland)	OR	76% to 100% of acreage is within 700 ft.	0.5	0.5
<input type="checkbox"/> 250 ft. from center (>5 ac. grassland)	OR	76% to 100% of acreage is within 350 ft.	0.2	0.2
**Field acreage guides are <u>approximate</u>			Field Size Points	
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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