

# CROPLAND HABITAT WORKSHEET

## Wildlife Habitat Evaluation Guide Animal Resources (Wildlife)

In order to meet the requirements of a Resource Management System, the planned system must provide a total rating of 0.4 or higher for the FIELD.

1. Landowner objectives:

2. Wildlife commonly found on this FIELD:



3. Habitat Inventory

**A. Cropland Quality in FIELD**

\* *(Note: row crops, seed crops, and small grains qualify)*

	FIELD#			FIELD#		
	Present Rating			Planned Rating		
1. Crops and cropping sequence:						
-continuous seed or grain crop/s =1.0						
-grain-fallow rotation =0.8						
-nongrain-grain rotation =0.3						
2. Deduct 0.5 points for burning or moldboard plowing in the fall or spring						
3. Deduct 0.2 points for grazing crop residues in fall						
4. Deduct for use of herbicides and/or insecticides (select one)						
-0.2 for emergent, -0.1 for pre-emergents, -0.3 for insecticides						
(no penalty for nox. weed control)						
<b>TOTAL A:</b>						

\* *(No rating of <0.2 for A.)*

**B. Herbaceous Perennial Vegetation in FIELD-Quantity & Quality (standing)**

	FIELD#			FIELD#		
	Present Rating			Planned Rating		
1. Add 1.0 points if standing (>18") perennial herbaceous vegetation is in strip/s or patch/es > 20 ft wide and maintained through the year.						
2. Add 0.6 points if tall standing perennial herbaceous vegetation in strip/s or patch/es > 20 ft wide and maintained through the growing season only						
3a. Deduct 0.4 points for moderate livestock grazing, haying						
<b>OR</b>						
3b. Deduct 0.6 points for improper livestock grazing use, frequent burning or herbicide application (no penalty for nox. weed control)						
<b>TOTAL B:</b>						

\* *(No rating of < 0.2 for B. if herbaceous vegetation is present in any quantity.)*

**C. Woody Vegetation in FIELD - Quantity and Quality.**

\* (Note: native woody shrubs qualify)

	FIELD#			FIELD#		
	Present Rating			Planned Rating		
1. Add 1.0 points if woody vegetation is in patch/es or strip/s of > 20 ft wide Record zero if no woody vegetation						
2a. Deduct 0.3 points for moderate livestock grazing <b>OR</b>						
2b. Deduct 0.5 points for improper livestock grazing use, frequent burning or herbicide application (no penalty for nox. weed control)						
<b>TOTAL C:</b>						

\* (No rating of <0.2 for C. if woody vegetation is present in any quantity)

**D. Interspersion of Vegetation Types (in or out of FIELD)**

\* measured from center of field (Note: consider wheat stubble a separate veg. type)

		FIELD#			FIELD#		
		Present Rating			Planned Rating		
1a. Distance between vegetation types < 200'	=1.0						
<b>OR</b>							
1b. Distance between vegetation types from 200' - 800'	=0.8						
<b>OR</b>							
1c. Distance between vegetation types > 800'	=0.3						
<b>TOTAL D:</b>							

**E. Available Perennial Wildlife Water (in or out of FIELD)**

\* Rate the nearest permanent water source by type as indicated below:

		FIELD#			FIELD#		
		Present Rating			Planned Rating		
1a. Natural stream, lake, wetland (with surface water)	=1.0						
<b>OR</b>							
1b. Stockpond, wetland (without surface water)	=0.8						
<b>OR</b>							
1c. Stockwater tank with wildlife watering features, wildlife guzzler, ditch	=0.6						
<b>OR</b>							
1d. Stockwater tank without wildlife watering features	=0.2						
<b>Rate distance to permanent water as follows: (measure from center of field)</b>							
2a. Distance to water from center point on FIELD < 1/4 mi.	(Add) +0.5						
<b>OR</b>							
2b. Distance to water from center point on FIELD from 1/4 to 1/2 mile	(Add) +0.2						
<b>OR</b>							
2c. Distance to water from center point on FIELD from 1/2 to 1 mile	(Deduct) -0.2						
<b>OR</b>							
2d. Distance to water from center point on FIELD > than 1 mile	(Deduct) -0.5						
3. Deduct 0.3 points for moderate to heavy grazing, annual cultivation, or frequent burning within 75 ft (average) of lake, pond, wetland, spring, or stream (water's edge)							
4. Deduct 0.2 points if highway or urban area is between FIELD and water source							
<b>TOTAL E:</b>							

\* (No rating of < 0.2 for E. if distance to lake, pond, stream, or wetland is < 1 mile.  
Total cannot exceed 1.0)

4. Habitat Value

Habitat Value =  $\frac{\text{Total Rating}}{\text{\# factors rated}}$  =

FIELD#			FIELD#		
Present Rating			Planned Rating		

5



5. Habitat elements needing improvement:

FIELD # \_\_\_\_\_ (list)

6. Alternatives for improving deficient habitat elements:

FIELD # \_\_\_\_\_ (describe)



# PASTURE/HAYLAND HABITAT WORKSHEET

## Wildlife Habitat Evaluation Guide Animal Resources (Wildlife)

In order to meet the requirements of a Resource Management System, the planned system must provide a total rating of 0.4 or higher for the FIELD.

1. Landowner objectives:

2. Wildlife commonly found on this FIELD:



3. Habitat Inventory

**A. Pasture/hayland Quality in FIELD**

	FIELD#	FIELD#	FIELD#	FIELD#
	Present Rating	Planned Rating		
1. Pasture/Hayland composition:				
-Alfalfa/grass mix =1.0				
-Alfalfa or intro. grasses =0.5				
-Native grasses =0.3				
2. Deduct 0.3 points for any late fall or spring (prior to July 1) mowing				
3. Deduct 0.5 points for improper grazing use				
4. Deduct for use of herbicides and/or insecticides (select one)				
-0.2 for emergents, -0.1 for pre-emergents, -0.3 for insecticides (no penalty for nox. weed control)				
<b>TOTAL A:</b>				

\* (No rating of < 0.2 for A. if pasture/hayland is present in any quantity.)

**B. Herbaceous Perennial Vegetation in FIELD-Quantity & Quality (standing)**

	FIELD#	FIELD#	FIELD#	FIELD#
	Present Rating	Planned Rating		
1. Add 1.0 points if standing (>18") perennial herbaceous vegetation is in strip/s or patch/es > 20 ft wide and maintained through the year.				
2. Add 0.6 points if tall standing perennial herbaceous vegetation in strip/s or patch/es > 20 ft wide and maintained through the growing season only				
3a. Deduct 0.4 points for moderate livestock grazing, haying <b>OR</b>				
3b. Deduct 0.6 points for improper livestock grazing use, frequent burning or herbicide application (no penalty for nox. weed control)				
<b>TOTAL B:</b>				

\* (No rating of < 0.2 for B. if herbaceous vegetation is present in any quantity.)

**C. Woody Vegetation in FIELD - Quantity and Quality.**

\* (Note: native woody shrubs qualify)

	FIELD#		FIELD#	
	Present Rating	Planned Rating	Present Rating	Planned Rating
1. Add 1.0 points if woody vegetation is in patch/es or strip/s of > 20 ft wide Record zero if no woody vegetation				
2a. Deduct 0.3 points for moderate livestock grazing <b>OR</b>				
2b. Deduct 0.5 points for improper livestock grazing use, frequent burning or herbicide application (no penalty for nox. weed control)				
<b>TOTAL C:</b>				

\* (No rating of <0.2 for C. if woody vegetation is present in any quantity)

**D. Interspersion of Vegetation Types (in or out of FIELD)**

\* measured from center of field (Note: consider wheat stubble a separate veg. type)

		FIELD#		FIELD#	
		Present Rating	Planned Rating	Present Rating	Planned Rating
1a. Distance between vegetation types < 200'	=1.0				
<b>OR</b>					
1b. Distance between vegetation types from 200' - 800'	=0.8				
<b>OR</b>					
1c. Distance between vegetation types > 800'	=0.3				
<b>TOTAL D:</b>					

**E. Available Perennial Wildlife Water (in or out of FIELD)**

\* Rate the nearest permanent water source by type as indicated below:

		FIELD#		FIELD#	
		Present Rating	Planned Rating	Present Rating	Planned Rating
1a. Natural stream, lake, wetland (with surface water)	=1.0				
<b>OR</b>					
1b. Stockpond, wetland (without surface water)	=0.8				
<b>OR</b>					
1c. Stockwater tank with wildlife watering features, wildlife guzzler, ditch	=0.6				
<b>OR</b>					
1d. Stockwater tank without wildlife watering features	=0.2				
<b>Rate distance to permanent water as follows: (measure from center of field)</b>					
2a. Distance to water from center point on FIELD < 1/4 mi.	(Add) +0.5				
<b>OR</b>					
2b. Distance to water from center point on FIELD from 1/4 to 1/2 mile	(Add) +0.2				
<b>OR</b>					
2c. Distance to water from center point on FIELD from 1/2 to 1 mile	(Deduct) -0.2				
<b>OR</b>					
2d. Distance to water from center point on FIELD > than 1 mile	(Deduct) -0.5				
3. Deduct 0.3 points for moderate to heavy grazing, annual cultivation, or frequent burning within 75 ft (average) of lake, pond, wetland, spring, or stream (water's edge)					
4. Deduct 0.2 points if highway or urban area is between FIELD and water source					
<b>TOTAL E:</b>					

\* (No rating of < 0.2 for E. if distance to lake, pond, stream, or wetland is < 1 mile. Total cannot exceed 1.0)

4. Habitat Value

	FIELD#		FIELD#	
	Present Rating	Planned Rating	Present Rating	Planned Rating
Habitat Value = $\frac{\text{Total Rating}}{\text{\# factors rated}}$ =				

5

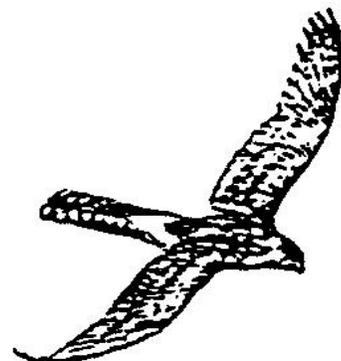


5. Habitat elements needing improvement:

FIELD # \_\_\_\_\_ (list)

6. Alternatives for improving deficient habitat elements:

FIELD # \_\_\_\_\_ (describe)



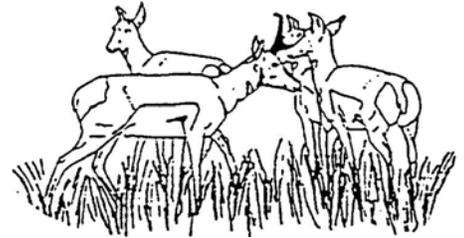
# RANGELAND HABITAT WORKSHEET

## Wildlife Habitat Evaluation Guide Animal Resources (Wildlife)

In order to meet the requirements of a Resource Management System, the planned system must provide a total rating of 0.4 or higher for the FIELD.

1. Landowner objectives:

2. Wildlife commonly found on this FIELD:



3. Habitat Inventory

**A. Range Condition in FIELD**

		FIELD#			FIELD#		
		Present Rating			Planned Rating		
-Excellent or Good	=1.0						
-Fair	=0.5						
-Poor	=0.3						
<b>TOTAL A:</b>							

**B. Grazing System in FIELD**

		FIELD#			FIELD#		
		Present Rating			Planned Rating		
1a. Add 1.0 points for grazing systems that include short use periods and long rest periods.							
<b>OR</b>							
1b. Add 0.7 points for grazing system that excludes nesting season (May 15-July 15)							
<b>OR</b>							
1c. Add 0.5 points for grazing system that includes use during nesting season							
<b>OR</b>							
2a. Deduct 0.1 point for season-long use; no rotation system							
<b>OR</b>							
2b. Deduct 0.3 point for improper grazing use, with or without system							
<b>TOTAL B:</b>							

**C. Grazing System in FIELD**

		FIELD#			FIELD#		
		Present Rating			Planned Rating		
1a. Patchy interspersation of grasses, forbs (and woody plants if part of the native plant community).	=1.0						
<b>OR</b>							
1b. Uniform mixture of grasses, forbs, (and woody plants if part of the native plant community).	=1.0						
<b>OR</b>							
1c. Dominated by 1 or 2 species of grasses and/or forbs and/or woody plants	=0.3						
<b>TOTAL C:</b>							

D. Available Perennial Wildlife Water (in or out of FIELD)			FIELD#		
			Present Rating		
* Rate the nearest permanent water source by type as indicated below:			Planned Rating		
1a. Natural stream, lake, wetland (with surface water)	=1.0				
<u>OR</u>					
1b. Stockpond, wetland (without surface water)	=0.8				
<u>OR</u>					
1c. Stockwater tank with wildlife watering features, wildlife guzzler, ditch	=0.3				
<u>OR</u>					
1d. Stockwater tank without wildlife watering features	=0.3				
* Rate distance to permanent water as follows: (measured from center of field)					
2a. Distance to water from center point on FIELD < 1/4 mile	+0.5				
<u>OR</u>					
2b. Distance to water from center point on FIELD from 1/4 to 1/2 mile	+0.2				
<u>OR</u>					
2c. Distance to water from center point on FIELD from 1/2 to 1 mile	-0.2				
<u>OR</u>					
2d. Distance to water from center point on FIELD > than 1 mile	-0.5				
3. Deduct 0.3 points for moderate to heavy grazing, annual cultivation, or frequent burning within 75 ft (average) of lake, pond, wetland, spring, or stream (water's edge).					
4. Deduct 0.2 points if highway or urban area is between FIELD and water source					
<b>TOTAL D:</b>					

\* (No rating of < 0.2 for D. if distance to lake, pond, stream, or wetland is < 1 mile. Total cannot exceed 1.5)

4. Habitat Value

Habitat Value =  $\frac{\text{Total Rating}}{\text{\# factors rated}}$  =

4

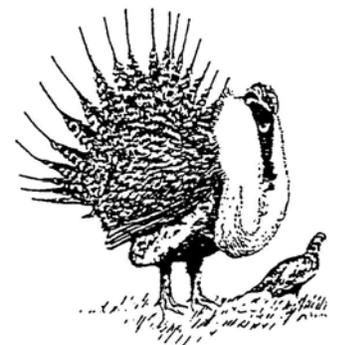
FIELD#			FIELD#		
Present Rating			Planned Rating		

5. Habitat elements needing improvement:

FIELD # \_\_\_\_\_ (list)

6. Alternatives for improving deficient habitat elements:

FIELD # \_\_\_\_\_ (describe)



# FORESTLAND HABITAT WORKSHEET

## Wildlife Habitat Evaluation Guide Animal Resources (Wildlife)

In order to meet the requirements of a Resource Management System, the planned system must provide a total rating of 0.4 or higher for the FIELD.

1. Landowner objectives:

2. Wildlife commonly found on this FIELD:



3. Habitat Inventory

		FIELD#			
<b>A. Forest Area in FIELD</b>	=	Present Rating		Planned Rating	
1a. Uneven-aged mixed stand, 4 or more species	=1.0				
<b>OR</b>					
1b. Uneven-aged stand dominated by 1 or 2 tree species	=0.5				
<b>OR</b>					
1c. Even-aged stand dominated by 1 or 2 tree species	=0.3				
2. Deduct 0.5 points for removal of shrubs, deciduous trees, frequent pesticide use or improper grazing use.					
3. Add 0.3 points for presence of uneven-aged stand of aspen < 1/2 mile from any point on FIELD (in or out of FIELD)					
<b>TOTAL A:</b>					

\* (No rating of < 0.2 for A. total cannot exceed 1.0)

		FIELD#			
<b>B. Snags in FIELD</b>	=	Present Rating		Planned Rating	
1a. > 5 snags, greater than 12" dbh per acre	=1.0				
<b>OR</b>					
1b. From 2 - 5 snags > 12" and/or 5 snags 4 - 12" per acre	=0.5				
<b>OR</b>					
1c. From 2 - 5 snags 4 - 12" per acre	=0.3				
<b>TOTAL B:</b>					

		FIELD#			
<b>C. Forest Openings in FIELD</b>	=	Present Rating		Planned Rating	
1a. Irregularly shaped openings (including infrequently used private roads) with mixtures of grasses, forbs and shrubs, no more than 500 ft across, occupying 5 - 25%	=1.0				
<b>OR</b>					
1b. No openings, or openings meeting above criteria on 1 - 5% of area	=0.5				
<b>OR</b>					

	FIELD#	FIELD#	FIELD#	FIELD#	FIELD#
	Present Rating	Planned Rating			
1c. Openings meeting above criteria, larger than 500 ft across and/or occupying > 25% of area =0.3					
2a. Deduct 0.3 points for burning, pesticide use, or other activities that reduce the amount or diversity of shrubs or herbaceous plants <b>OR</b>					
2b. Deduct 0.5 points for removal of shrubs or improper grazing use					
<b>TOTAL C:</b>					

\* (No rating of <0.2 for C. if any openings occur)

	FIELD#	FIELD#	FIELD#	FIELD#	FIELD#
	Present Rating	Planned Rating			
<b>D. Available Perennial Wildlife Water (in or out of FIELD)</b>					
* <b>Rate the nearest permanent water source by type as indicated below:</b>					
1a. Natural stream, lake, wetland (with surface water) =1.0 <b>OR</b>					
1b. Stockpond, wetland (without surface water) =0.8 <b>OR</b>					
1c. Stockwater tank with wildlife watering features, wildlife guzzler, ditch =0.6 <b>OR</b>					
1d. Stockwater tank without wildlife watering features =0.2					
<b>Rate distance to permanent water as follows: (measure from center of field)</b>					
2a. Distance to water from center point on FIELD < 1/4 mi. (Add) +0.5 <b>OR</b>					
2b. Distance to water from center point on FIELD from 1/4 to 1/2 mile (Add) +0.2 <b>OR</b>					
2c. Distance to water from center point on FIELD from 1/2 to 1 mile (Deduct) -0.2 <b>OR</b>					
2d. Distance to water from center point on FIELD > than 1 mile (Deduct) -0.5					
3. Deduct 0.3 points for moderate to heavy grazing, annual cultivation, or frequent burning within 75 ft (average) of lake, pond, wetland, spring, or stream (water's edge)					
4. Deduct 0.2 points if highway or urban area is between FIELD and water source					
<b>TOTAL D:</b>					

\* (No rating of < 0.2 for E. if distance to lake, pond, stream, or wetland is < 1 mile. Total cannot exceed 1.0)

	FIELD#	FIELD#	FIELD#	FIELD#	FIELD#
	Present Rating	Planned Rating			
4. Habitat Value					
Habitat Value = $\frac{\text{Total Rating}}{\text{\# factors rated}}$ =					

4



5. Habitat elements needing improvement:

FIELD # \_\_\_\_\_ (list)

6. Alternatives for improving deficient habitat elements:

FIELD # \_\_\_\_\_ (describe)

