

## Missouri Wildlife Habitat Appraisal Guide Cropland Community Model

**Applicant(s):** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Farm Number:** \_\_\_\_\_ **Tract Number:** \_\_\_\_\_ **Field Number(s):** \_\_\_\_\_ **County:** \_\_\_\_\_

**Instructions:** Answer each of the questions (1 - 5) below by circling the appropriate points for both the existing and planned conditions.

	Points if Existing	Points if Planned
--	--------------------	-------------------

### Wildlife Friendly Field Border (minimum width of 30 feet)

(1)	Herbaceous Border around $\geq$ 50% of field and no haying or mowing	12	12
	Herbaceous Border around $\geq$ 50% of field and haying or mowing July 15- August 15	9	9
	Herbaceous Border around 25 to 49% of field and no haying or mowing	6	6
	Herbaceous Border around 25 to 49% of field OR haying or mowing after August 15	3	3
	Herbaceous Border around < 25% of field OR > 40% species rated poor OR mowed/hayed 4/1 to 7/15 OR 10% or more undesirable species ( Sericea lespedeza, Reed canarygrass, Musk thistle, Canada thistle, spotted knapweed or teasel)	0	0

**Field Border Points**

### Crop Field Management (base estimates on minimum expected crop residue remaining prior to planting)

(2)	Continuous no-till	10	10
	>50% crop residue	7	7
	26-50% crop residue	5	5
	1-25% crop residue or annual winter cover crop or crop residue burned	3	3
	Fall moldboard plowing	0	0

**Crop Field Management Points**

### Food Value (to qualify, food plot and/or unharvested grain must be adjacent to quality cover)

(3)	1-4 acres of food plot or unharvested grain (minimum 30' wide) per 40 acres of cropland	5	5
	1/4 to < 1 acre of food plot of unharvested grain (minimum 30' wide) per 40 acres of cropland	3	3
	Winter cover crop or winter wheat, annually	1	1
	Completely harvested row crops OR FOOD PLOT/UNHARVESTED GRAIN NOT NEXT TO QUALITY COVER	0	0

**Food Value Points**

### Crop Rotation

(4)	Rotation of corn or milo/small grains/beans or other legume/meadow (See Cropland WHAG Instructions)	4	4
	Row crop with winter cover crops or small grains annually (See Cropland WHAG Instructions)	2	2
	Continuous small grain or continuous row crop	0	0

**Crop Rotation Points**

### Field Size

(5a)	Percent of the field within 660 feet of dense shrubby cover, tree line, shelterbelt, woodlot, woody draw, etc.			
	<b>Edge Species</b>	<b>Openland Species</b>		
	75% or more	Less than 10%	4	4
	61-74%	10 to 24%	3	3
	41-60%	25 to 50%	2	2
	21-40%	51-74%	1	1

Less than 20%

75% or more

0

0

**Field Size Points**

### Shrubby Cover

(5b)	Percent of the field within 660 feet of dense shrubby cover. Points for useable shrubby cover (30' width of ungrazed shrubby cover; 3-12' tall dense shrub thickets 30'X50', etc), downed tree structures, edge feathering or covey headquarters.			
	<b>Edge Species</b>	<b>Openland Species</b>		
	75% or more	Less than 10%	10	10
	61-74%	10 to 24%	8	8
	41-60%	25 to 50%	6	6
	21-40%	51-74%	3	3

Less than 20%

75% or more

0

0

**Shrubby Cover Points**

**Total Points Planned and Existing (maximum score is 45)**

**Missouri  
Cropland Community Model**

**Scoring**

(6) Existing Index = Total existing points/45 (45 is the maximum possible score)

Total existing points =

**Existing Index =**

(7) Planned Index = Total Planned Points/45 (45 is the maximum possible score)

Total planned score =

**Planned Community Type Index =**

\_\_\_\_\_  
Planner:

\_\_\_\_\_  
Date:

\_\_\_\_\_  
Landowner:

\_\_\_\_\_  
Date:

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, and marital or family status. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at 202-720-2600 (voice and TDD).  
To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326W, Whitten Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410 or call (202)720-5964 (voice or TDD). USDA is an equal opportunity provider and employer.