

**TABLE 2 - GENERAL SONGBIRD
WILDLIFE HABITAT RATING CRITERIA - QUALITY OF HABITAT ELEMENTS**

Wildlife Species	Habitat Element	Plant Species Available	Management	Component Score ¹		Applicable Score ²		Applicable Practice(s) or Job Sheet(s) ³	
						Existing	Planned		
General Songbird (Statewide)	Grain and Seed Crops	A - Sunflower, Millet, Rye, Wheat, Oats or Barley	A-1 Food plot of one-half to one acre in size provided no harvesting of crop on the plot.	A-1	3			328	
			A-2 Crop residues remaining on soil during winter.	A-2	2			330	
			A-3 Crop residues not remaining on soil during winter (Fall Plowing).	A-3	0			340	
		B - Corn (Sweet or Silage)	B-1 Crop residues (stubble) remaining on soil over winter.	B-1	1				
			B-2 Crop residues (stubble) not remaining on soil over winter.	B-2	0				
		C - Other grain and seed crops	C-1 Food plot of one-half to one acre in size provided no harvesting of grain.	C-1	2				
			C-2 Following harvest of grain, crop residues remain on soil over winter.	C-2	1				
			C-3 Following harvest of grain, crop residues not remaining on soil over winter.	C-3	0				
			Domestic Grasses and Legumes	A - Alfalfa, Birdsfoot Trefoil, Ladino Clover Alsike Clover, Red or White Clovers, Orchard Grass, Timothy or Crown Vetch.	A-1 Receives normal agronomic treatments and used as hayland.	A-1	3		
A-2 Receives normal agronomic treatments and used as pasture and proper pasture management is practiced.	A-2				2			390	
A-3 Receives normal agronomic treatments and used as pasture but improperly managed.	A-3				1			393	
B - Bluegrass, Red Top, Sweet Clover and Red Fescue, Tall Fescue and Smooth Brome	B-1 Receives normal agronomic treatments and used as hayland.			B-1	2			511	
	B-2 Receives normal agronomic treatments and used as pasture and proper pasture management is practiced.			B-2	1			512	
	B-3 Receives normal agronomic treatments and used as pasture but improperly managed.			B-3	0			528A	
									590
									Warm Season Grass Job Sheet

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				Existing	Planned	Existing	Planned	
General Songbird (Continued)	Domestic Grasses and Legumes (Continued)	C - In addition to species listed in "A" or "B", at least 10% of this element consists of warm season grasses including one or more of the following: Switchgrass, Indiangrass, Big or Little Bluestem.	C-1 Occurs in established pure stands in fields adjacent to the cool season species listed in "A" or "B" where annually stand(s) are cut for hay between July 15 and September 1. OR Is managed under an <u>approved</u> prescribed burning plan. OR Occur in established pure stands in field(s) adjacent to the cool season species listed in "A" or "B" and are grazed once annually between July 15 and September 1 to a minimum of 4 inches. Stands receive normal agronomic treatment.	C-1	5			
			C-2 Occur in established pure stands in field(s) adjacent to the cool season species listed in "A" or "B"; and is part of a managed rotational grazing system where stand height is maintained at a minimum of 18". Entire stand height is reduced to 6" thirty days prior to the first killing frost and livestock removed.	C-2	4			
			C-3 On a rotational basis, one third of the entire stand(s) are hayed or rotary brush cut to a minimum height of 6" once annually between July 15 and September 1. Stands receive normal agronomic treatments.	C-3	3			
			C-4 Stand(s) receive proper agronomic treatments for warm season grasses, and managed for hay production. OR Stand is not mowed, grazed hayed or rotary brush cut.	C-4	2			
			C-5 Entire stand(s) are mowed or rotary brush cut to a minimum height of 6" once annually between July 15 and September 1.	C-5	1			
			C-6 Stands are mowed, grazed or hayed differently than above; OR stands are improperly managed and invasion of woody or cool season species is occurring.	C-6	1			

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					Existing	Planned	
General Songbird (Continued)	Domestic Grasses and Legumes (Continued)	D - In addition to those species listed in "A" or "B" there are various other species of warm season grasses available comprising at least 10% of the entire element.	D-1 Occur scattered throughout or in pure stands. On a rotational basis, one-third of the stand(s) are mowed, rotary brush cut, or used for hay once annually after July 15.	D-1	3		
			D-2 Occur as in "D-1" and used as hayland.	D-2	2		
			D-3 Occur as in "D-1" and used for pasture.	D-3	1		
		E - No domestic grasses and legumes.	-	E	0		
Wild Herbaceous Upland Plants	A - A wide variety of wild herbaceous plants are available. At least four of the following are present: Milkweeds, Trumpet Creeper, Asters, Roses, Barnyardgrass, Thistles, Foxtail Millet, various Nightshades, Sedges, Ragweed, Dandelion, Teasel, Honeysuckles, Knotweeds, Sweet Clover and Cinquefoil. B - Dominated by only a few species such as Goldenrod or Loosestrife or less than four of the species listed in "A". C - No wild herbaceous upland plants.	A-1 On a rotational basis: one-third of the total area is mowed or rotary brush cut at least once every three years in mid-summer. Of the remaining two thirds, one third is spring plowed (prior to April 15) to encourage early succession wild herbaceous growth. The remaining one-third should be fallow.	A-1	5		314 511 590 Fallow Disking Job Sheet Forest Opening Job Sheet	
			A-2 As in "A-1" except no spring plowing or disking.	A-2	4		
			A-3 Not mowed or rotary brush cut. Will, or is succeeding to woody species.	A-3	3		
		B-1 As in "A-1"	B-1	3			
		B-2 As in "A-2"	B-2	2			
		B-3 As in "A-3"	B-3	0			
		-	C	0			
Deciduous Trees and Shrubs	A - A wide variety of deciduous early succession plants available including late successional woody species. High quality plants include Oaks, Wild Grape, Greenbrier, Hawthorne, Aspen, Hickory, Hazelnut, Wild Cherry, Sumacs, Viburnums Blackberry, Elderberry, Apple and Dogwoods.	A-1 Shrub thicket occupies 20 - 25% of this element and maintenance cuttings are performed by removing all trees which exceed 20 feet in height or > 4" dbh. OR The woodland is managed in small tracts of 5 to 20 acres of like age stands and when a tract is harvested the clear cut method is used. The forest is in a rotation cutting type of management and is comprised of many tracts of forest cover in various ages of development.	A-1	5		314 380 490 612 660 647 666 Cutback Border Job Sheet	

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						Existing	Planned	
General Songbird (Continued)	Deciduous Trees and Shrubs (Continued)	<p>B - Various stand heights present consisting primarily of the following species (one or a combination): Quaking Aspen, Bigtooth Aspen, Maples, White Birch, Black Birch, Yellow Birch, Cherry, Beech, Flowering Dogwood, Hobblebush and Hophornbeam.</p> <p>C - As in "B" except only one stand height is present.</p> <p>D - Less than 5% of this element is shrub thicket. There are various stand heights or a single stand height present consisting primarily of species other than those listed in "B".</p>	<p>A-2 Shrub thicket occupies 15% - 19% and is maintained as in "A-1"</p>	A-2	4			Forest Opening Job Sheet
			<p>A-3 Shrub thicket occupies <15% acres and is maintained as in "A-1".</p>	A-3	3			
			<p>B-1 Timber is or will be harvested upon reaching maturity and stand density will be reduced to favor trees of good form and health.</p>	B-1	4			
			<p>B-2 Timber is not harvested in a timely manner; stands are overmature or overstocked resulting in suppressed understory development.</p>	B-2	3			
			<p>C-1 As in "B-1"</p>	C-1	1			
			<p>C-2 As in "B-2"</p>	C-2	0			
			<p>D-1 As in "B-1"</p> <p>D-2 As in "B-2"</p>	D-1	1	D-2	0	
	Coniferous Trees and Shrubs	<p>A - Conifers are White Pine, Scotch Pine, Virginia Pine, Norway Spruce, Red Cedar, Douglas Fir, Balsam Fir or Hemlock</p> <p>B - Conifers are Larch, Yew, Scotch Pine, Red Pine, Virginia Pine or Pitch Pine.</p> <p>C - No coniferous trees or shrubs.</p>	<p>A-1 Occurs as scattered trees or clumps of trees in low density shrub thicket. Cuttings are performed to maintain no more than 30% of all conifers at 15 feet or less in height.</p>	A-1	3			<p>314</p> <p>380</p> <p>386</p> <p>422</p> <p>612</p> <p>666</p> <p>Wildlife Conifer Job Sheet</p>
			<p>A-2 As in "A-1" but no maintenance is conducted and/or all trees occur as pole size (5-11" dbh) or larger trees.</p>	A-2	2			
			<p>B-1 Occur as, and are maintained as in "A-1".</p>	B-1	2			
			<p>B-2 Occur as in "A-2".</p>	B-2	1			
			<p>-</p>	C	0			
	Wetland Plants	<p>A - A variety of herbaceous and woody wetland plants are available including Alders, Buttonbush, Winterberry, Cattails, Sweetflag, Burreed, Rushes and Sedges.</p>	<p>A-1 Approximately 30% of this element is dominated by woody species. Maintenance cuttings are performed to maintain woody species in various stages of maturity.</p>	A-1	3			<p>314</p> <p>391</p> <p>422</p> <p>612</p> <p>644</p>
			<p>A-2 No maintenance and will slowly succeed to woodland.</p>	A-2	2			

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				Existing	Planned	Existing	Planned	
General Songbird (Continued)	Wetland Plants (Continued)	B - Dominated by a single woody species.	B-1 Maintenance thinning will be performed to maintain a variety of successional stages throughout the stand.	B-1	2			
			B-2 No maintenance and will slowly succeed to woodland.	B-2	1			
		C - Dominated by a single herbaceous species like cattails, or hibiscus.	-	C	1			
			D - No wetland plants.	-	D	0		
TABLE 2 TOTAL SCORE								

ELEMENT QUALITY RATING KEY

Total Score is: 0 - 9 = Poor
 10 - 14 = Fair
 15 - 19 = Good
 20 - 24 = Excellent

¹ Component Score - This is the value of the Habitat Element with certain species composition and under a certain management.

² Applicable Score - To determine the proper rating, use the "highest" component score for the line entry which applies most closely or where all conditions have been met. Only one component score may be used per habitat element.

³ Applicable Practice(s) or Job Sheet(s) - These are relevant practice codes in Section IV of the FOTG or additional references that could potentially be utilized to achieve management objectives for the particular habitat element.