

**TABLE 2 - BOBWHITE QUAIL  
WILDLIFE HABITAT RATING CRITERIA - QUALITY OF HABITAT ELEMENTS**

| Wildlife Species  | Habitat Element  | Plant Species Available                       | Management  | Component Score <sup>1</sup>    |  | Applicable Score <sup>2</sup> |         | Applicable Practice(s) or Job Sheet(s) <sup>3</sup> |  |                   |
|---|--|---|---|---------------------------------|--|-------------------------------|---------|---|--|-------------------|
|   |  |   |   |                                 |  | Existing                      | Planned |   |  |                   |
| Bobwhite Quail<br>(Limited Range)   | Grain and Seed Crops   | A - Corn (Grain or Sweet) or Sorghum          | A-1 Food plot of one-half to one acre in size provided no harvesting of crop on the plot. | A-1                             | 5  |                               |         | 328<br>330<br>340                                   |  |                   |
|   |  |   | A-2 Crop residues remaining on soil during winter.  | A-2                             | 3  |                               |         |   |  |                   |
|   |  |   | A-3 Crop residues not remaining on soil during winter (Fall Plowing).                     | A-3                             | 0  |                               |         |   |  |                   |
|   |  | B - Corn (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 - Wheat, Cereal Rye, Buckwheat or Sunflower | C-1 Food plot of one-half to one acre in size provided no harvesting of grain.            | C-1                             | 4  |                               |         |   |  |                   |
|   |  |   | C-2 Following harvest of grain, crop residues remain on soil over winter.                 | C-2                             | 2  |                               |         |   |  |                   |
|   |  |   | C-3 Following harvest of grain, crop residues not remaining on soil over winter.          | C-3                             | 0  |                               |         |   |  |                   |
|   |  | D - Oats or other grain and seed crop.        | D-1 Crop residues remaining on soil during winter.  | D-1                             | 1  |                               |         |   |  |                   |
|   |  |   | D-2 Crop residues not remaining on soil during winter.                                    | D-2                             | 0  |                               |         |   |  |                   |
|   |  |   | Domestic Grasses and Legumes  | A - Various species of grasses. | A-1 Receives normal agronomic treatments and used as hayland or occurs in orchards | A-1                           | 2       |   |  | 342<br>386<br>390 |
|   |  |   |   |                                 | A-2 Receives normal agronomic treatment and used as pasture.                       | A-2                           | 1       |   |  | 393<br>528A       |
| A-3 As in "A-1" except one-tenth of an acre adjoining woody cover is left unmowed each year.  | A-3  |   |   |                                 | 3  |                               |         | 590   |  |                   |
| B - A wide variety of grasses are available as in "A"; <u>and</u> areas of warm season grasses such as Switchgrass, Big Bluestem and Indiangrass are present. | B-1 Warm season grasses comprise 20-30% of this element and are part of a managed rotationally grazed system where stand height is maintained at a minimum of 6 inches. Livestock is removed 30 days prior to the first killing frost. <b>OR</b> |   |   |                                 |  |                               |         | Warm Season<br>Grass Job Sheet                      |  |                   |
|   |  |   |   |                                 |  |                               |         | Cool Season<br>Grass Job Sheet                      |  |                   |
|   |  |   |   |                                 |  |                               |         |   |  |                   |

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|-------------------------------|---|--|---|------------------------------|---|-------------------------------|---------|---|
|                               |   |  |   |                              |   | Existing                      | Planned |   |
| Bobwhite Quail<br>(Continued) | Domestic Grasses and Legumes<br>(Continued) |  | Is maintained under an <u>approved</u> prescribed burning plan.   | B-1                          | 4 |                               |         |   |
|                               |   |  | <b>B-2</b> As in "B-1" except warm season grasses comprise < 20% of this element.   | B-2                          | 3 |                               |         |   |
|                               |   |  | <b>B-3</b> Warm season grasses comprise 20-30% of this element and are maintained by haying between July 15 and September 1.  | B-3                          | 3 |                               |         |   |
|                               |   |  | <b>B-4</b> As in "B-3" except warm season grasses comprise < 20% of this element.   | B-4                          | 2 |                               |         |   |
|                               |   |  | <b>B-5</b> Warm season grasses are not as above in management or composition.   | B-5                          | 1 |                               |         |   |
|                               |   | <b>C</b> - No domestic grasses and legumes.  | -   | C                            | 0 |                               |         |   |
|                               | <b>Wild Herbaceous Upland Plants</b>        | <b>A</b> - A wide variety of wild herbaceous plants are available. High value plants include: Ragweed, Burdock, Lespedeza, Crabgrass, Panic Grasses, Jewelweed, Smartweeds, Curly Dock, various Nightshades, Shepherd's Purse, sweet Clover and Peppergrass. | <b>A-1</b> 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<br>511<br>590<br>647                            |
|                               |   |  | <b>A-2</b> As in "A-1" except no spring plowing or disking.   | A-2                          | 3 |                               |         | <b>Fallow Disking Job Sheet</b>                     |
|                               |   |  | <b>A-3</b> Not mowed or rotary brush cut. Will, or is succeeding to woody species.  | A-3                          | 0 |                               |         |   |
|                               |   | <b>B</b> - Dominated by only a few species such as Goldenrod or Wild Carrot.   | <b>B-1</b> As in "A-1".   | B-1                          | 3 |                               |         |   |
|                               |   |  | <b>B-2</b> As in "A-2".   | B-2                          | 1 |                               |         |   |
|                               |   |  | <b>B-3</b> As in "A-3".   | B-3                          | 0 |                               |         |   |
|                               |   | <b>C</b> - No wild herbaceous  | -   | C                            | 0 |                               |         |   |
|                               | <b>Deciduous Trees and Shrubs</b>           | <b>A</b> - A wide variety of deciduous early succession plants available including: Sumacs, Poison Ivy, Sassafras, Grape, Roses, Blackberry, Honeysuckle, Elderberry, Dogwoods, Black Locust, sprouts and saplings.  | <b>A-1</b> Shrub thicket occupies 5 - 40 acres, and maintenance cutting to maintain at least 5 acres will be conducted to remove all trees which exceed 15 feet in height.  | A-1                          | 5 |                               |         | 314<br>422<br>612<br>666                            |

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|-------------------------------|---|---|--|--|-------------------------------|---------|---|-----------------------------------|
|                               |   |   |  |  | Existing                      | Planned |   |                                   |
| Bobwhite Quail<br>(Continued) | Deciduous Trees and Shrubs<br>(Continued) |   | <b>A-2</b> As in "A-1" but no maintenance cutting is being conducted.  | A-2  | 1                             |         | Forest Opening Job Sheet                            |                                   |
|                               |   |   | <b>A-3</b> Shrub thicket occupies at least 1 acre but less than 5 acres, and maintenance cutting to maintain at least 1 acre will be conducted to remove all trees which exceed 15 feet in height.                                       | A-3  | 4                             |         |   | Brush Pile Construction Job Sheet |
|                               |   |   | <b>A-4</b> As in "A-3" but no maintenance cutting is, or will be conducted.  | A-4  | 1                             |         | Cutback Border Job Sheet                            |                                   |
|                               |   |   | <b>A-5</b> Shrub thicket occupies at least one-half acre but less than 1 acre of this element, and maintenance cutting to maintain at least one-half acre will be conducted to remove all trees which exceed 15 feet in height.          | A-5  | 3                             |         |   |                                   |
|                               |   |   | <b>A-6</b> Shrub thicket occupies at least one-half acre but less than 1 acre of this element, but maintenance cutting will not be conducted.  | A-6  | 1                             |         |   |                                   |
|                               |   |   | <b>A-7</b> Shrub thicket occupies less than one-half acre.   | Use "B" below  |                               |         |   |                                   |
|                               |   |   | <b>B</b> - Various stand heights but the following species (one or a combination) are dominant; Oaks, Black Locust or Ashes.   | <b>B-1</b> One or more, large loose brush piles are available within each 5 acres of woodland element. | B-1                           | 2       |   |                                   |
|                               |   |   |  | <b>B-2</b> No brush piles are available or at a rate less than 5 per acre of woodland element.         | B-2                           | 1       |   |                                   |
|                               |   |   | <b>C</b> - Various main stand heights are present, but consisting primarily of species other than those listed above.  | <b>C-1</b> One or more, large loose brush piles are available within each 5 acres of woodland element. | C-1                           | 1       |   |                                   |
|                               |   |   |  | <b>C-2</b> No brush piles are available or at a rate less than 5 per acre of woodland element.         | C-2                           | 0       |   |                                   |
|                               | <b>Coniferous Trees and Shrubs</b>        | <b>A</b> - Conifers are White Pine, Scotch Pine, Norway Spruce, Red Cedar, Juniper or Hemlock | <b>A-1</b> Occurs as scattered trees or clumps of trees less than 15 feet high and located in low density shrub thicket and maintained by cutting or topping all trees including surrounding hardwood trees exceeding 15 feet in height. | A-1  | 2                             |         | 612<br>666<br>Wildlife Conifers Job Sheet           |                                   |

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|-------------------------------|--|--|--|------------------------------|-------------------------------|---------|---|
|                               |  |  |  |                              | Existing                      | Planned |   |
| Bobwhite Quail<br>(Continued) | Coniferous Trees and Shrubs<br>(Continued) | <p><b>B</b> - Conifers are Larch, Red Pine, Virginia Pine or other species.</p> <p><b>C</b> - No coniferous trees or shrubs.</p> | <p><b>A-2</b> Occur as block plantings or plantation stands of low density (10 feet or greater spacing) and are maintained at a height of less than 15 feet.</p> | A-2                          | 2                             |         |   |
|                               |  |  | <p><b>A-3</b> As in "A-1" except no maintenance is conducted or occur as pole size (5-11" dbh) or larger trees.</p>  | A-3                          | 0                             |         |   |
|                               |  |  | <p><b>B-1</b> Occur as, and maintained as in "A-1".</p>  | B-1                          | 1                             |         |   |
|                               |  |  | <p><b>B-2</b> As in "A-1" except no maintenance is conducted or occur as pole size (5-11" dbh) or larger trees.</p>  | B-2                          | 0                             |         |   |
|                               |  |  | -  | C                            | 0                             |         |   |
| <b>TABLE 2 TOTAL SCORE</b>    |  |  |  |                              |                               |         |   |

**ELEMENT QUALITY RATING KEY**

**Total Score is:** 0 - 5 = Poor  
6 - 11 = Fair  
12 - 16 = Good  
17 - 21 = Excellent

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

<sup>2</sup> 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.

<sup>3</sup> 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.