

## Appendix D: Recommended Treatment Acreage

### Recommended treatment by Ecological System

The following table shows the number of acres recommended for treatment by each ecological unit and shows the total number of acres recommended for each type of treatment. Additionally, this table shows the number of acres recommended for treatment within each management prescription described by the current version of the Cherokee National Forest Land and Resource Management Plan.

| Ecological System       | Acres                            | Treatment     | Ecological System        | Early Acres             |                       |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
|-------------------------|----------------------------------|---------------|--------------------------|-------------------------|-----------------------|--------------|-----------|-------------|-----------|------|--------|-------------|-------|--------|--|--|--|--|--|
| Cove Forest (4,5, & 29) | 87.9                             | Regeneration  | Cove                     | 43.6                    |                       |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
| Montane Oak (8,9,24,28) | 127.1                            | Regeneration  | Montane Oak              | 26.9                    |                       |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
| Dry Mesic Oak (13)      | 162.8                            | Regeneration  | Dry Mesic Oak            | 25.6                    |                       |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
| Dry Oak (10 & 11)       | 91.1                             | Regeneration  | Dry Oak                  | 14.8                    |                       |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
| Low Elevation Pine (16) | 154.8                            | Regeneration  | Low Elevation Pine       | 19.4                    |                       |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
| Montane Pine (18)       | 12.3                             | Regeneration  | Montane Pine             | 0.2                     |                       |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
| <b>Total =</b>          | <b>636</b>                       | <b>Total=</b> |                          | <b>130.5</b>            |                       |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
| Treatment               | Ecological System                | Open Acres    | Treatment                | Ecological System       | Acres                 | Early        | Open      | 4.A Acres   | 7.B Acres | 7.D  | 7.E.2  | 8.C         | 9.F   | 12.A   |  |  |  |  |  |
| Woodland Creation       | Cove                             | 0.5           | Gap Harvest & Thinning   | Cove                    | 37.8                  | 7.6          | 30.2      | 2344.5      | 2590      | 48.3 | 2365.5 | 6956.8      | 104.8 | 1433.5 |  |  |  |  |  |
| Woodland Creation       | Montane Oak                      | 3.9           | Gap Harvest & Thinning   | Montane Oak             | 75.1                  | 15           | 60.1      | NA          | NA        | NA   | 94-236 | 278.2-556.6 | NA    | NA     |  |  |  |  |  |
| Woodland Creation       | Dry-Mesic Oak                    | 10            | Gap Harvest & Thinning   | Dry Mesic Oak           | 72.3                  | 14.4         | 57.9      | 4.4         | 87.6      | 0    | 155    | 331.1       | 0     | 0      |  |  |  |  |  |
| Woodland Creation       | Dry Oak                          | 9.2           | Gap Harvest & Thinning   | Dry Oak                 | 46.8                  | 9.4          | 37.4      |             |           |      |        |             |       |        |  |  |  |  |  |
| Woodland Creation       | Low Elevation Pine               | 23            | Gap Harvest & Thinning   | Low Elevation Pine      | 65.3                  | 13           | 52.3      |             |           |      |        |             |       |        |  |  |  |  |  |
| Woodland Creation       | Montane Pine                     | 9.6           | Gap Harvest & Thinning   | Montane Pine            | 0.4                   |              | 0.4       |             |           |      |        |             |       |        |  |  |  |  |  |
| <b>Total =</b>          | <b>56.2</b>                      | <b>Total=</b> |                          | <b>297.7</b>            | <b>59.4</b>           | <b>238.3</b> |           |             |           |      |        |             |       |        |  |  |  |  |  |
| Treatment               | Ecological System                | Early Acres   | Treatment                | Ecological System       | Open Acres            |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
| Remove White Pine       | Cove                             | 2.7           | Thinning                 | Cove                    | 3.3                   |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
| Remove White Pine       | Montane Oak                      | 20.3          | Thinning                 | Montane Oak             | 1.4                   |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
| Remove White Pine       | Dry-Mesic Oak                    | 54            | Thinning                 | Dry Mesic Oak           | 1.5                   |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
| Remove White Pine       | Dry Oak                          | 19.7          | Thinning                 | Dry Oak                 | 0.7                   |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
| Remove White Pine       | Low Elevation Pine               | 45.2          | Thinning                 | Low Elevation Pine      | 1.8                   |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
| Remove White Pine       | Montane Pine                     | 2.1           | Thinning                 | Montane Pine            | 0                     |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
| <b>Total =</b>          | <b>144</b>                       | <b>Total=</b> |                          | <b>8.7</b>              |                       |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
| Ecological System       | S-Class Change                   | Acres         | Total Early from Logging | Total Open from Logging | Total Early from Fire | 8.C Acres    | 7.B Acres | 7.E.2 Acres | 4.A acres |      |        |             |       |        |  |  |  |  |  |
| Cove                    | mid to early (including u-class) | 53.9          | 333.9                    | 303.2                   | 254                   | 179.3        | 51.7      | 20.8        | 0         |      |        |             |       |        |  |  |  |  |  |
| Cove                    | mid closed to mid open           | 34            |                          |                         |                       |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
| Montane Oak             | late closed to early             | 41.9          |                          |                         |                       |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
| Montane Oak             | U-class to early                 | 20.3          |                          |                         |                       |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
| Montane Oak             | late closed to late open         | 65.4          |                          |                         |                       |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
| Treatments by Rx Number | Treatment Type                   | Acres         | Early Acres              |                         |                       |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
| Dry Mesic Oak           | U-class to early                 | 54            |                          |                         |                       |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
| Dry Mesic Oak           | late closed to early             | 40            | 7.E.2                    |                         |                       |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
| Dry Mesic Oak           | late closed to late open         | 69.4          | 7.E.2                    |                         |                       |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
| Dry Oak                 | U-class to early                 | 19.7          | 7.E.2                    |                         |                       |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
| Dry Oak                 | late closed to early             | 24.2          | 7.B                      |                         |                       |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
| Dry Oak                 | late closed to late open         | 47.5          | 7.B                      |                         |                       |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
| Low Elevation Pine      | U-class to early                 | 45.2          | 7.B                      |                         |                       |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
| Low Elevation Pine      | late closed to early             | 32.4          | 7.B                      |                         |                       |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
| Low Elevation Pine      | late closed to late open         | 77.1          | 4.A                      |                         |                       |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
| Montane Pine            | U-class to early                 | 2.1           | 8.C                      |                         |                       |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
| Montane Pine            | Late closed to early             | 0.2           | 8.C                      |                         |                       |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
| Montane Pine            | Late closed to open              | 10            | 8.C                      |                         |                       |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
| <b>Total =</b>          |                                  | <b>637.3</b>  | 8.C                      |                         |                       |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
|                         |                                  |               | Woodland                 |                         |                       |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
|                         |                                  |               | 53.4                     |                         |                       |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
|                         |                                  |               | 636.1                    |                         |                       |              |           |             |           |      |        |             |       |        |  |  |  |  |  |
|                         |                                  |               | 333.5                    |                         |                       |              |           |             |           |      |        |             |       |        |  |  |  |  |  |















