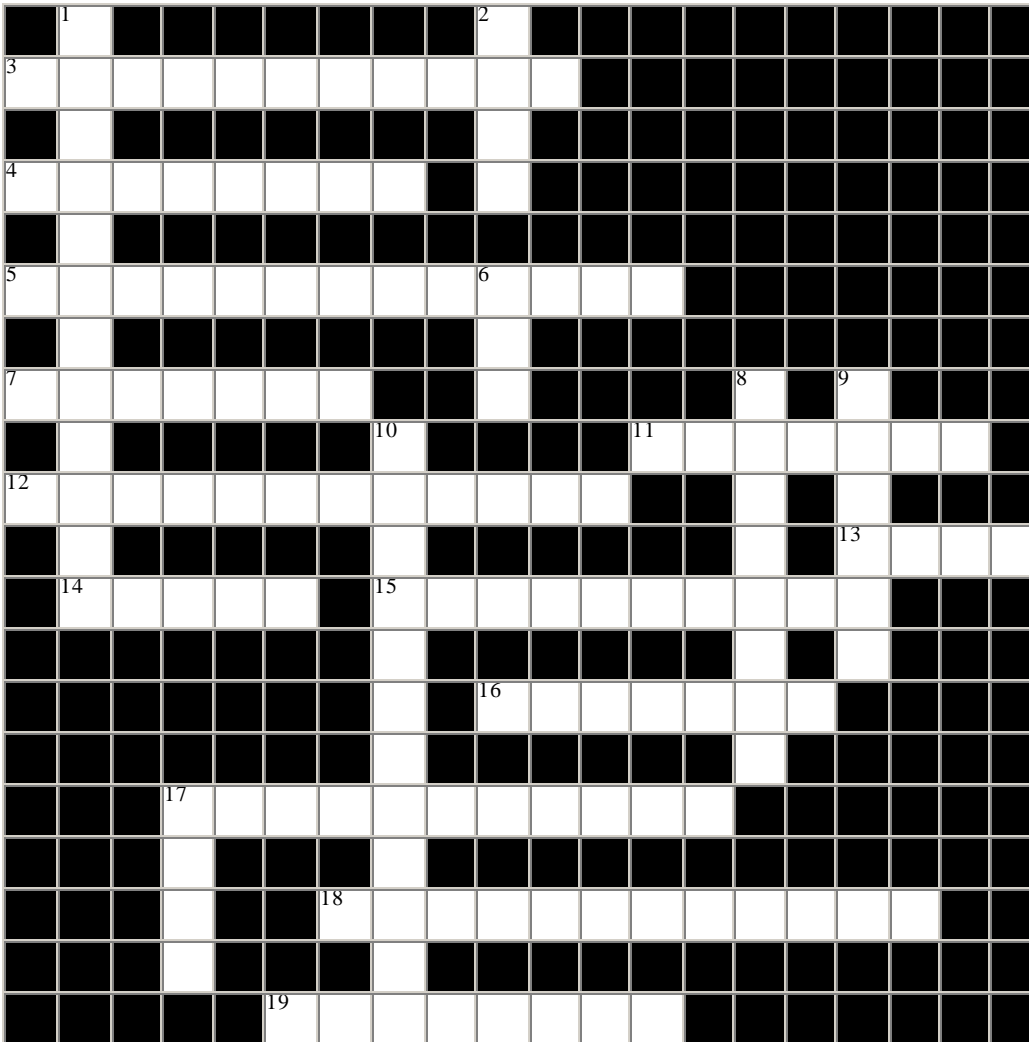


## Forest Management Crossword Puzzle



### Down

1. When your forest stands mature, you may want to concentrate your management activities on the process of naturally \_\_\_\_\_ a new forest.
2. The \_\_\_\_\_ tree method focuses on improving the growth of specific trees, the crop trees, by eliminating shading from neighboring trees.
6. \_\_\_\_\_ is a common term used to describe cutting practices to improve the existing forest stand.
8. All plants compete for \_\_\_\_\_, soil moisture, and soil nutrients- the three basic requirements for growth.
9. Management activities that take place at the \_\_\_\_\_-aged forest stage focus on selecting the trees that will dominate the mature stand later.
10. \_\_\_\_\_ removes most of the trees in an area at once.
17. The \_\_\_\_\_ tree method is a modification of clear-cutting where 7-10 of the best trees on each acre are left standing to become the parent trees for the new forest.

### Across

3. Adding nutrients through \_\_\_\_\_ is an option, although the cost to do so even on the modest acreage often prohibits this practice.
4. A \_\_\_\_\_ species is one that can influence or change its own habitat, the habitat of other species, and the forest ecosystem.
5. When all trees are removed without the intent of regeneration that practice is \_\_\_\_\_ and is not clearcutting.
7. The success of \_\_\_\_\_ regeneration depends on whether there is an adequate supply of seeds, moisture, and a well-prepared seedbed.
11. \_\_\_\_\_ is used to improve wood quality by removing persistent low branches.
12. The art and science of controlling the pace of forest establishment, composition, structure, and growth is called \_\_\_\_\_.
13. Competing vegetation or too many \_\_\_\_\_ can reduce your ability to naturally regenerate a forest.
14. To create an uneven-aged forest, use \_\_\_\_\_ selection.
15. \_\_\_\_\_ regeneration is establishing a new forest by planting seedlings or by direct seeding.
16. Planting seedlings can be successful if the seedlings are \_\_\_\_\_, well-adapted to the site, and carefully planted.
17. When 20-35 trees are retained on each acre as a seed source, this is called the \_\_\_\_\_ method.
18. \_\_\_\_\_ is cutting the best trees and leaving the low value, often diseased or malformed trees.
19. High-grading at any level \_\_\_\_\_ the forest and reduces the options available to you.