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Forestry

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|  |  |  |  | 18  G | R | O | U | N | D | F | I | R | E | S |  |  | O |  |  |  | P |  | E |  |  |  |  |  |  |
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| **Across**  **2.** caused by vegetation dying out and more undergrowth  **3.** name for the type of management used in the practice of tree plantations  **5.** increases with deforestation  **10.** removing all trees except for seed producing trees scattered to regenerate new trees  **12.** type of cutting where specific trees in an area are chosen to cut  **14.** type of management where an area is growing with trees of all ages, from seedling to mature  **16.** high biodiversity, decaying wood and ground layer, and healthy soil profile  **18.** occur underground, fire is difficult to detect  **19.** the forest ecosystem helps to clean these  **20.** type of topography in an old growth forest | **Down**  **1.** trees help reduce the amount of this gas in the atmosphere  **4.** genetically improved species of trees, but decreases biodiversity  **6.** occur in forests that haven't had ground fires in a while  **7.** in 2030, only \_\_\_ percent of all forests will be left  **8.** burns undergrowth and leaf litter  **9.** practice of only cutting and removing the largest, best trees  **11.** type of cutting where all of the trees in an area are cut at the same time  **13.** caused by mining, logging, and urban sprawl  **15.** type of cutting when trees are clear cut to match the contour of the land  **17.** removing trees in a series of cuttings instead of all at once to give the forest a chance to regenerate |