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Forestry Pests and Diseases

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| **Across**  **7.** \_\_\_\_\_\_ wood is less likely to contain pests that colonize bark or immediately below the bark  **12.** Fungal infection of ascomycetes will interupt  **13.** Dutch elm disease fungi kill the \_\_\_\_\_\_\_\_\_ cells of the infected tree  **14.** \_\_\_\_ is commonly spread by trees for planting  **15.** The probability of the introduction and spread of a pest and the magnitude of the associated potential economic consequences  **17.** The use of wood \_\_\_\_\_\_\_\_\_\_ can also be the cause of pest spread  **18.** Alberta prevention program for Dutch Elm Disease  **21.** Looks like a caterpillar but is missing legs  **22.** These abnormal growths are usually harmless except for aesthetics  **23.** This beetle transmits a blue staining fungal spore into pine species | **Down**  **1.** Commonly mistaken as a spruce budworm the adult form is a stingless wasp  **2.** A fctor in aspen decline in alberta, this insect has outbreak cycles approximately every 10-12 years lasting on average 3 years  **3.** This pest was spread from Asia via untreated wood packaging materials  **4.** Black and Red true bug found on Manitoba Maple  **5.** This type of worm causes abnormal spread of new twigs, defoliation, destruction of buds and rust-brown coloured spruce and Douglas fir stands  **6.** Rusts are often spread by a \_\_\_\_\_\_\_ species  **8.** Rot type not decomposing the lignin  **9.** Form of root rot fungus, effecting both hard and soft wood, results in resin flowing from tree base, mushroom rings around the tree and white mycelial growth beneath the bark  **10.** Parasitic plant lacking chlorophyll  **11.** Type of conk forming on birch, horseshoe shaped  **16.** Bark beetles are often considered \_\_\_\_\_\_\_\_\_\_ species  **19.** Relating to, or being measures of control of plant diseases or health  **20.** Common name of Apiosporina morbosa |