

AHW027-07

Room:202

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SOx and the relation of witherring of trees

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The cause of withering of trees is brought abut by sulfuric acid which generated in combustion of fossil fuel. If sulfuric acid is added to the mixture of the sodium chloride which comes from the sea, and manganese dioxide which comes from soil, strong toxic chlorine and deliquescent manganese sulfate generate. They destroy the cell of trees.

The sulfuric acid added to soil changes the metal ingredient of soil into soluble metal sulfate. Trees absorb metal sulfate with water and combine with phosphoric acid in the formative layer. Phosphoric acid becomes inactive and it causes withering.