

caused by a fungus which is especially favored by an alkaline condition of the soil. The leaves of broad leaved trees are known to be high in acid when they fall in the autumn. This acid is quickly leached out during the autumn rains and thereby causes an acid condition of the soil. The fungus which causes this disease is very general in garden soils in which the ginseng was in the early days of cultivation often

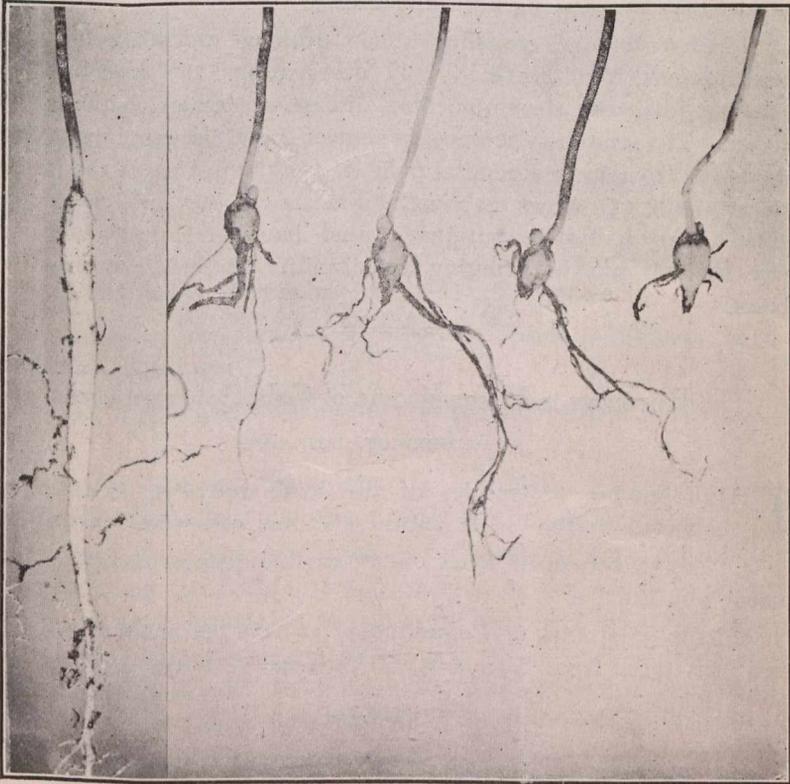


Fig. 4—RUST OR END ROT OF SEEDLINGS.

planted. Such soils are often high in acid and therefore the pioneer growers experienced very little disease, but in recent years ginseng growers began the use of wood ashes and lime to a very considerable extent. Soils which were naturally more or less acid soon became alkaline. Whether this was favorable to the ginseng is a question.