

## Soil characteristics of a natural population of *Sclerolobium paniculatum* Vogel, a leguminous tree for Amazonian degraded lands

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The use of fire is a widespread practice in Amazonia within big and small landholders. The cycles of burning of forests, becomes shorter with the growth of resident populations. The resulting land degradation, dramatically severe in some cases, promoted positive attempts to ameliorate soil conditions by planting tree species. Among these, *S. paniculatum*, Vogel, a *Cesalpinaceae*. It is shown results of soil characteristics where a natural population of the species was found, 45Km N of Amazon River. Results indicate that the acid and aluminum-rich soil is good for the establishment of that species. That population, or, at least, part of it, should be preserved for seed production as part of a sustainable strategy to control land degradation in the Amapá State.