Abstract

In 2008, we wanted to know the degree of compaction of the best land (Classes I and II agrologic) cultivated with sugarcane between the municipalities of Palmira, El Cerrito and Candelaria in Valle del Cauca, Colombia. First, performed an index mapping compaction (IC) based on the bulk density from 0 to 15 cm deep in 144 sampling points. The mapping of these classes was obtained from the detailed study of solis in this area with the help of ArcGIS® sofware...

Keywords

Soil compaction index, soil consistency, soil moisture regime, SOMORE.