Abstract

The work was carried out in areas irrigated with a central pivot irrigation machine type Ballama with 8 towers in an alluvial soil cultivated of potato in the Basic Cooperative Production Unit "Antonio Maceo" placed in Veguitas town, Yara municipality, at Granma province. The experiment was developed in the period from December 2005 to March 2006. The analysis of the rain along the machine threw no uniform distribution; similar behavior presented the height per plant being obtained the smallest values in tracts of smaller values of the uniformity coefficient.

Keywords

Central pivot, irrigation quality, coefficient of uniformity.