

EVALUATION OF THE ESTATE NUTRITIONAL OF MANGO TREE, VARIETY TOMMY ATKINS IN SUBMIDDLE SÃO FRANCISCO RIVER VALLEY, CALCULATION OF THE INDEXES DRIS

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Sixty three representative orchards of mango tree in the Submiddle São Francisco River Valley in the Northeast of Brazil, were evaluated by the integrated system of diagnosis and recommendation (DRIS), having as reference population productivity equal or superior to 250 kg/plant. Nutrition Balance Indexes (IBN) and DRIS indexes for each orchard were calculated. Using the information of the database through software/DRIS elaborated and specifically optimized for this crop, an important tool for mango producers will be available to accomplish the diagnosis of the nutritional state of the plants, increasing the chance for planning judicious fertilizer application, that can contribute to a nutritional balance that allows the plants produce profitable yields, with food fruit quality, compatible with the national and international markets demand.