



Effect of some Potassium Fertilizer Sources on Growth, Yield and Fruit Quality of Grand Nain Banana Plants

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Abstract: This study was carried out on Grand Nain banana plants grown in sand clay loamy soil and irrigated with flood system during 2012/2013 and 2013/2014 seasons. This experiment aimed to study the effect of two potassium sources on growth, yield and fruit quality. The obtained results showed that, using feldspar as a source of potassium gave the highest values concerning leaf mineral content, vegetative growth, yield and fruit characteristics, as compared with potassium sulphate. Also, plants treated with 100 % feldspar took a shorter time to bunch shooting, bunch maturation and cropping cycle in the two seasons of the study.

Key words: potassium sulphate, feldspar, silicate dissolving bacteria (SDB), Grand Nain banana.

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