Ácidos húmicos para obtenção de maior massa fresca inicial em plantas de feijão comum 'Pérola' [

2016

text (article)

Analítica

It is aimed to evaluate different doses of humic acidto obtain early fresh matter of 'Pérola' common bean plants. Therefore, common bean seeds were treated with Rhal S1 (18% of humic acid + 1.5% of fulvic acids) at doses of 0, 100, 200, 300, 400 and 500 mL of solution for each 100 kg seeds. Just after, the seeds were sown in 500 g capacity pots and after 14- days cultivation in greenhouse, it was measured the fresh matter of the aerial part and fresh matter of the roots. The experiment was carried out in completely randomized design (CRD) with four replicates (1 plant per pot; 4 plants per treatment) and the results of the two experiments were subjected, together, to regression analysis. The regression equations obtained quadratic response for all variables evaluated in function of the applied doses. The common bean plants respond by the increasing of fresh matter of aerial part up to 200 mL of Rhal S1 100 Kg-1 seeds, while the fresh matter ot the roots increasing up to 100 mLof Rhal S1 100 Kg-1 seeds, confirming greater demand of shoots by humic acids than the roots
It is aimed to evaluate different doses of humic acidto obtain early fresh matter of 'Pérola' common bean plants. Therefore, common bean seeds were treated with Rhal S1 (18% of humic acid + 1.5% of fulvic acids) at doses of 0, 100, 200, 300, 400 and 500 mL of solution for each 100 kg seeds. Just after, the seeds were sown in 500 g capacity pots and after 14- days cultivation in greenhouse, it was measured the fresh matter of the aerial part and fresh matter of the roots. The experiment was carried out in completely randomized design (CRD) with four replicates (1 plant per pot; 4 plants per treatment) and the results of the two experiments were subjected, together, to regression analysis. The regression equations obtained quadratic response for all variables evaluated in function of the applied doses. The common bean plants respond by the increasing of fresh matter of aerial part up to 200 mL of Rhal S1 100 Kg-1 seeds, while the fresh matter ot the roots increasing up to 100 mLof Rhal S1 100 Kg-1 seeds, confirming greater demand of shoots by humic acids than the roots

Título: Ácidos húmicos para obtenção de maior massa fresca inicial em plantas de feijão comum 'Pérola' electronic resource]

Editorial: 2016

Tipo Audiovisual: Phaseolus vulgaris Promoção de crescimento Hormônio Phaseolus vulgaris Growth promotion Hormone

Documento fuente: Revista Verde de Agroecologia e Desenvolvimento Sustentável, ISSN 1981-8203, Vol. 11, Nº. 2, 201610 pags

Nota general: application/pdf

Lengua: Portuguese

Enlace a fuente de información: Revista Verde de Agroecologia e Desenvolvimento Sustentável, ISSN 1981-8203, Vol. 11, Nº. 2, 201610 pags

---