

Effect of thiourea application on cowpea [*Vigna unguiculata* (L.) Walp.] productivity under rainfed conditions

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Abstract

Field experiments in the sandy loam soils of Pattambi during the kharif seasons of 2000-2002 revealed that thiourea application consistently increased cowpea productivity under rainfed conditions. Soaking seeds in 500 ppm thiourea solution followed by two sprays (at vegetative and flowering stages) was most effective and increased seed yield by 26% over control. This treatment also resulted in the higher economic benefits and gave an extra return of Rs. 2823 over that of untreated control.

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