

Research Article

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Influence of seaweed saps on growth, yield and quality of greengram

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Summary

Effect of seaweed saps of two red algae *Kappaphycus alvarezii* and *Glacilaria* spp. on greengram (Co.6) were studied in pot culture. The seaweeds were given with foliar spray twice at 30 DAS (days after sowing) and 45 DAS. Significant changes in plant growth, yield and quality were observed in the plants that received seaweed foliar spray. Treatment with 100% RDF and 15% seaweed extracts of *Kappaphycus alvarezii* improved the yield by 17.2% over the control and 14.1 % increased with 100% RDF and 15% seaweed extracts of *Glacilaria* spp. Thus, foliar application of seaweed extract could be a promising option for yield enhancement in greengram.

Key words : Plant growth, Yield, Seaweeds, Greengram

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