EFFECT OF BIOFERTILIZER INOCULATIONS ON BIOCHEMICAL CHARACTERISTICS OF SUNFLOWER (*Helianthus annuus* L.) KBSH-41

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Abstract: Bacterial strains of *Azospirillum*, *Azolla* and Seaweed liquid fertilizer (SLF) were used to inoculate the seeds of sunflower hybrid KBSH-41. Inoculated and control seeds were germinated and the biochemical parameters of the seedlings were observed until maturity. The biochemical parameters of protein, carbohydrate and total chlorophyll were observed. The protein content showed higher value on the 40th day which gradually decreased on the 60th day as against this it was observed a gradual increase on 80th day. The carbohydrate showed significantly decrease throughout the study period, but we noticed the chlorophyll showed contrary to the carbohydrate content.

Keywords: Biofertilizers, biochemical parameters, Sunflower.

REFERENCES


