



## Performance of Front Line Demonstrations on Sunflower (*Helianthus annuus* L.) in Kalaburagi Region of Northern Karnataka

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**Abstract:** The constraints in the production of sunflower crop were identified with a major emphasis against the pest and diseases in the sunflower. The critical inputs required were identified from the recommended package of practices of Karnataka and their usages were discussed in practicing farmer's trainings at the farmer's field and KVK campus. The average three years data revealed that an average yield of demonstrated plot was obtained  $11.66 \text{ q ha}^{-1}$ , local check ( $9.56 \text{ q ha}^{-1}$ ) and the average percentage increase in yield over local check was 18.84 per cent. The average extension gap was found to be 2.09. The hybrid RSFH – 130 performed better at front line demonstrated plot as compared to local check. Further, benefit: cost ratio was recorded to be higher under demonstrated plot against check during the part of the study.

**Key Words:** Economic impact, Extension gap, FLD, Sunflower, Yield

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