

RESEARCH ARTICLE :

On farm trial: A technology tool for increasing pigeonpea yield in Nalgonda district of Telangana

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SUMMARY : The field experiment was carried out as an On Farm Trial among 10 farmers in 5 villages of Miryalaguda, Nalgonda District in the year 2015-16. Among all the pulses, pigeonpea is having long duration and indeterminate cropping pattern. When the crop is sown in *Kharif* season, flowering is coinciding with drought (terminal moisture stress) which is a major drawback with this crop in the district. To overcome the problem, a short and medium duration pigeonpea variety *i.e.*, Ujwala (PRG-176) was introduced to the farmers of Nalgonda through On Farm Trial. The OFT was conducted under close supervision of KVK scientists. The results of the OnFarm Trial indicated that the variety introduced is feasible and economic for the farmers and viable over farmers practice. 36% yield increase was observed with adoption of new variety.

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