

Name of the Technology : **CTRI-Sreshta (FCR 15)**

Year (s) of development : 2023

Technology details

FCR-15 is a high yielding TMV resistant Flue Cured Virginia (FCV) tobacco line, developed through hybridization followed by pedigree selection (Siri x VT 1158). FCR-15 has a leaf yield potential of 3000 kg/ha under normal conditions at Southern Light Soils of Andhra Pradesh. It produces a total of 22-27 curable economic leaves, FCR-15 found to withstand heavy rainfall during grand growth period with even maturity, good quality leaves and longer colour retention. The variety CTRI – Sreshta showed consistently superior performance with higher yield (2400 kg/ha) over the control, Siri, possessing TMV resistance, The quality characteristics i.e. nicotine 2.37-2.62 %, reducing sugars 12.56-18.26 %, chlorides 0.21-0.43 % are in the acceptable range and are released to Southern light soils of Andhra Pradesh by Varietal Identification Committee.



Field crop of FCR 15

Impact of the Technology

CTRI Sreshta occupied 40% (30,000 ac) of SLS area (75,000 ac) during 2022-23. It gives around 300 kg/ha higher yield than previously grown Siri variety under farmers condition. The crop loss to farmers during heavy rains is being reduced due to cultivation of CTRI Shresta.

Publications/Commercialization

- Indian Tobacco – Compendium of Varieties - 2019.

Investigators/Developers

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