

## PULSE CROPS

1. Redgram varieties LRG 38 and LRG 41 with bold seed and better recouping capacity found superior to LRG-30 were identified.
2. Identified genotypes suitable to light shallow soils viz., TRG-22, TRG-7 and TRG-33 with earliness and yield. TRG-22 with 160 days duration with seed yield of 16q/ha released in 2010.



3. Identified Redgram lines TRG-38, TRG-59 for wilt resistance through Molecular marker technique and in first year minikit testing.



4. TFB-1, field bean variety with photoperiod insensitivity, earliness and high green pod (40 q/ha) released in 2006. Field bean variety TFB-2 with 160-180 days duration and pod yield 35q/ha suitable to rainfed, inter cropping systems released in 2010



**TFB1**



**TFB2**

5. Identified YMV resistant shiny seed line TBG 104 using MAS and it is in minikit testing.



6. In cowpea TPTC 29 developed photo insensitive, short duration (80-90 days) bushy line suitable for different cropping systems and seasons.



7. In jatropha, TJC-35 is released as Balaji during April'2010;

Yield : 12-14.5 q/ha, Oil: 29 %





1. Released YMVresistant shiny seed line TBG 104 using MAS and it is popular among farming community of blackgram growing areas in A.P.



2. In cowpea, TPTC 29 variety was released at national level which is a photo insensitive, short duration (80-90 days) bushy line for dual purpose. Suitable for different cropping systems and seasons.



3. Redgram variety TRG-59 released in 2020 , which is tolerant to wilt and SMD , matures in 160-170 days yielding upto 16-18q /ha. Advanced lines TRG108,TRG87 and TRG111 are in pipeline



TBG129- shiny bold seeded blackgram resistant to YMV & suitable for rice fallows completed first year minikit testing It is identified through agroinoculation technique

