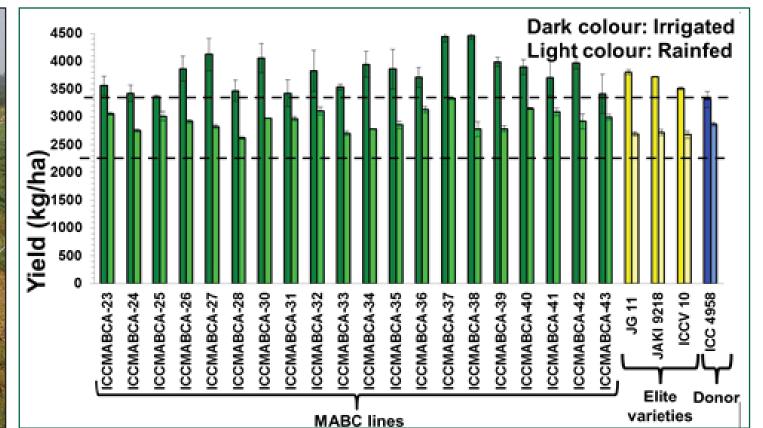
Genomes to Field





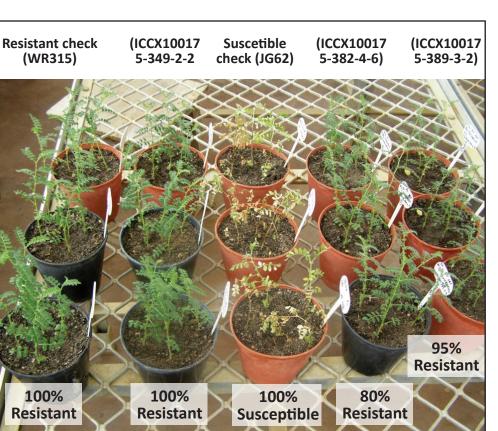
1. Improved lines with enhanced yield in chickpea

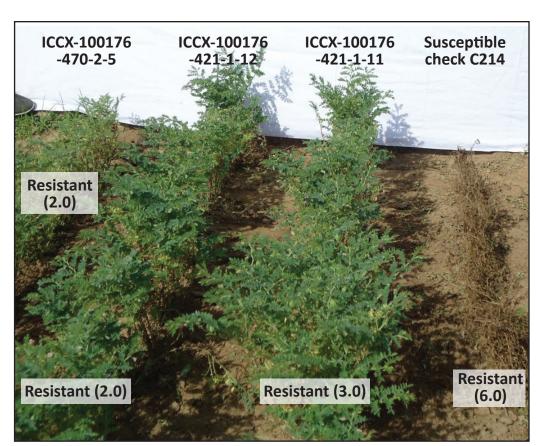




12% higher yield under rainfed and 24% higher yield under irrigated condition

2. Improved lines with disease resistance in chickpea

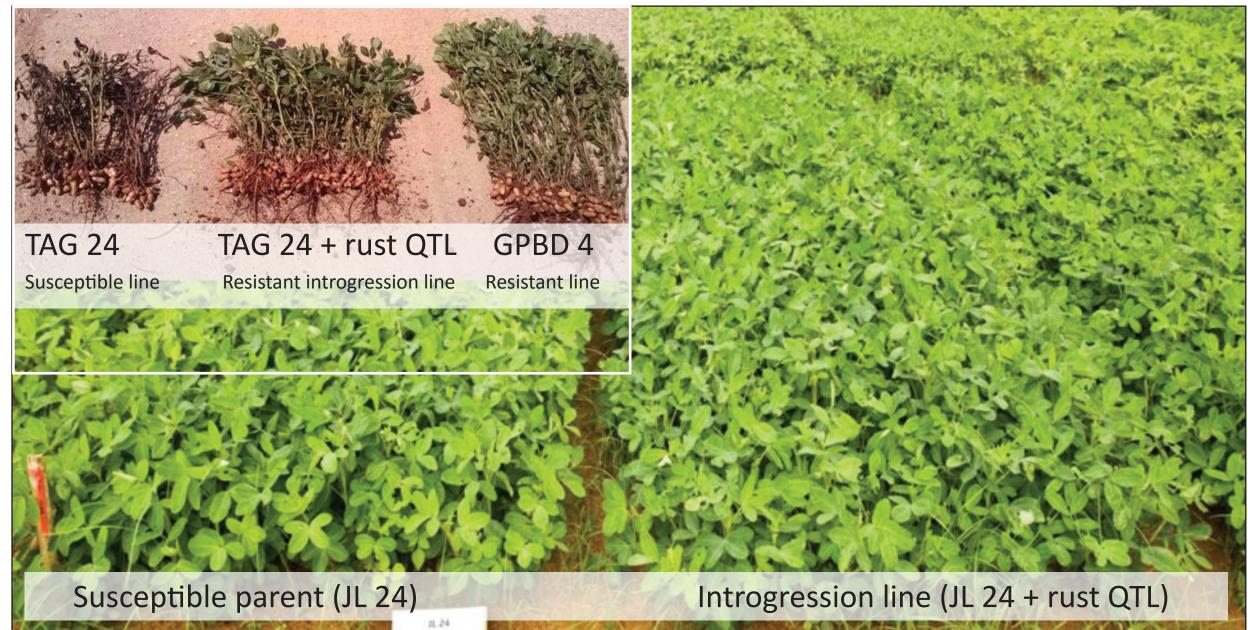




Ascochyta blight resistant line

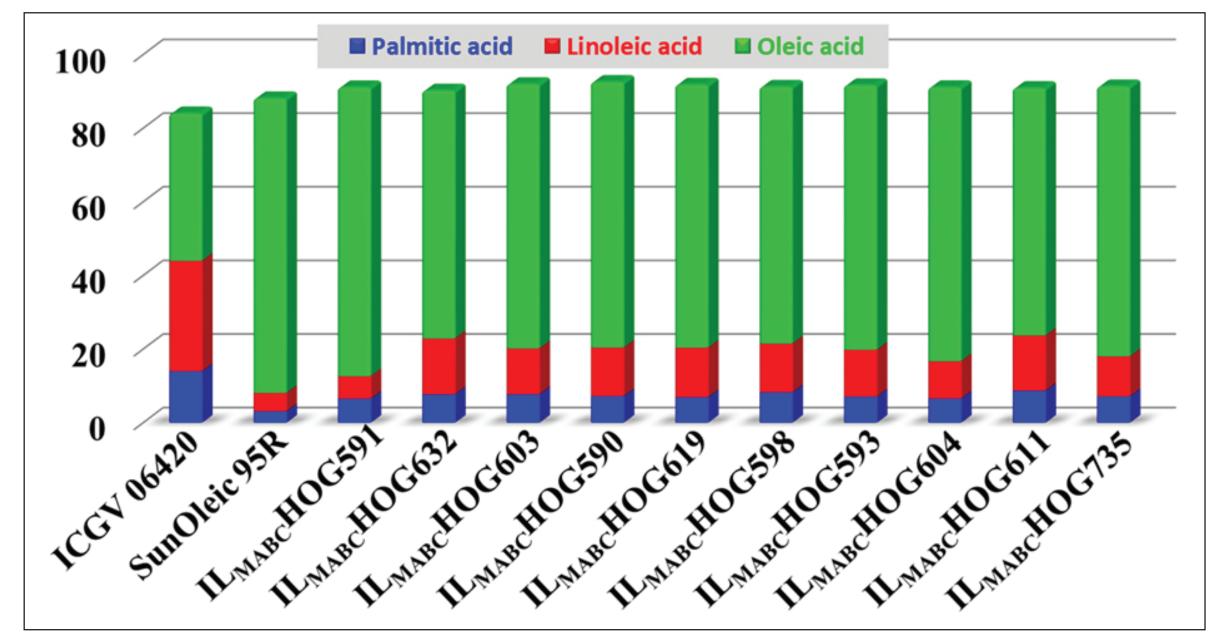
Fusarium wilt resistant line

3. Improved lines for foliar disease (rust and late leaf spot) resistance in groundnut



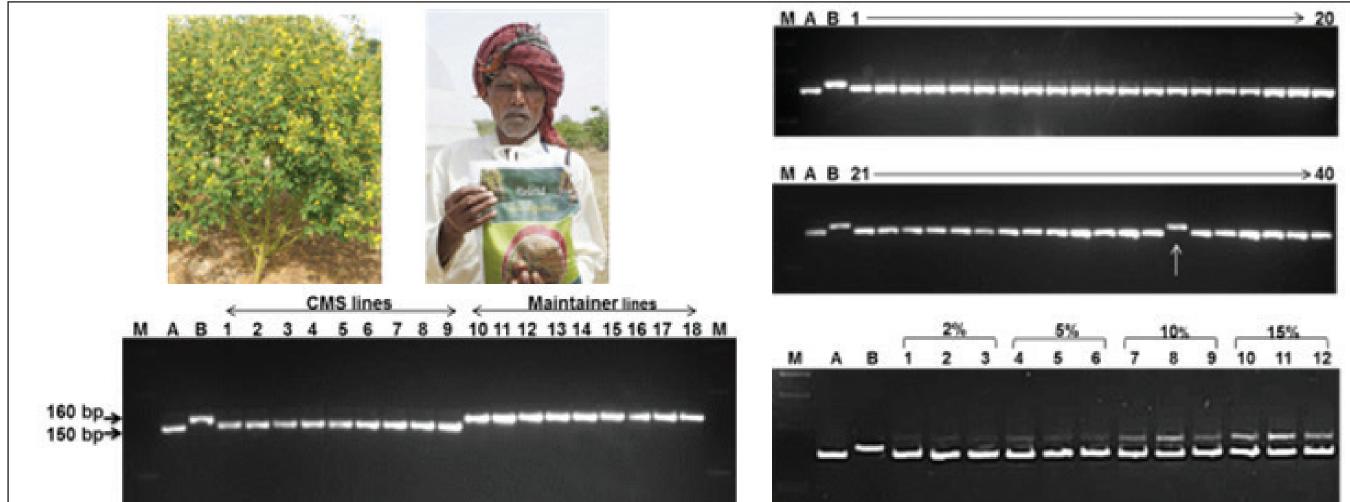
Improved lines showed 56-96% higher pod yield and early maturity

4. Improved lines for high oleic acid in groundnut



Improved lines upto 80% oleic acid

5. Efficient hybrid breeding in pigeonpea



Marker-assisted male sterile lines testing

ICPA 2043 ICPA 2199 ICPA 2047 ICPB 2199 ICPB 2043 € ICPB 2047 ICPH 2671 ICPH 4503 W | ICPH 2740 253.02.256.90 6502...¥260 B B NA NA NA NA 🛕

Markers for hybrid purity testing

6. Improved lines for downy mildew resistance (DMR) in pearl millet



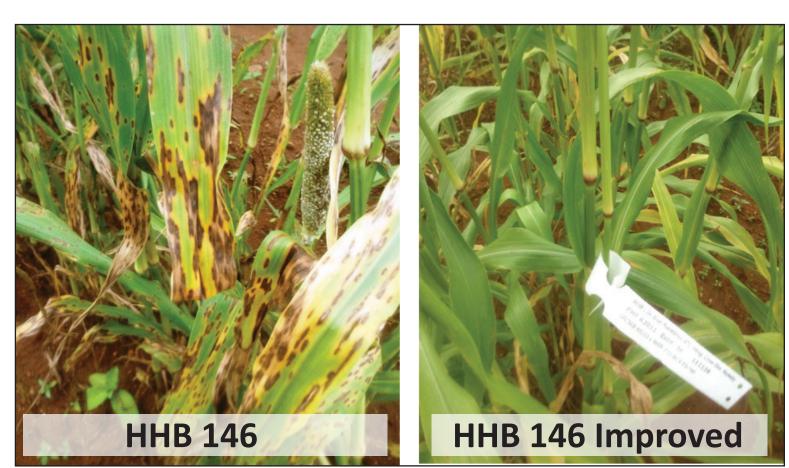
IHHB 67 Improved-Second cycle

7. Improved lines for high grain Fe & **Zn density and DMR in pearl millet**



Double QTL intogression line

8. Improved lines for blast resistance in pearl millet



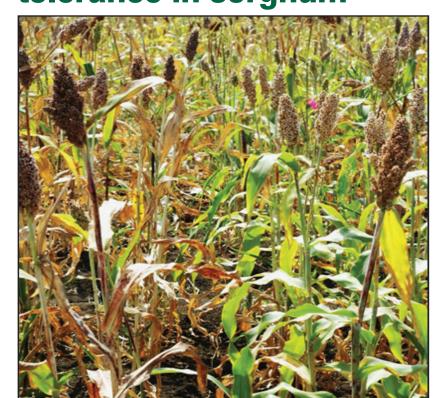
863B- LG4 blast resistant introgression line

9. Improved lines for striga resistance in sorghum





10. Improved lines for drought tolerance in sorghum



11. Improved lines for Shoot fly resistance in sorghum

