Boosting legume productivity in Myanmar

**SITUATION IN 1999**

- Low yields of legumes in the Central Dry Zone of Myanmar
- 500-1000 mm/year rainfall
- Heat stress
- Drought
- Chickpea, pigeonpea and groundnut grown on 2.5 m ha

**INTERVENTION**

- >500 improved breeding lines supplied under MyPulses and other projects
- >600 on-station and on-farm trials conducted
- 430 village seed banks set up
- Farmers gain access to better seeds
- Farmers trained on improved agricultural practices

**IMPACT**

**Chickpea**

- 9/10 varieties are of ICRISAT origin
- 728% increase
- Average yield in 2014: 1460 kg/ha
- Annual yield rate: 4.7%

**Pigeonpea**

- 6/9 varieties are of ICRISAT origin
- 266% increase
- Average yield in 2014: 940 kg/ha
- Annual yield rate: 2.6%

**Groundnut**

- 5/10 varieties are of ICRISAT origin
- 54% increase
- Average yield in 2014: 1790 kg/ha
- Annual yield rate: 2.6%

**Increase in production**

- Chickpea: 562,000 t
- Pigeonpea: 575,100 t
- Groundnut: 865,900 t

**Increase in yield**

- Chickpea: 67,900 t
- Pigeonpea: 157,000 t
- Groundnut: 561,700 t