**Background**

- Led by Zambia, which is the Food Legumes Regional Centre of Leadership (RCoL), the legume research teams from Malawi, Mozambique and Zambia identified the following Crop improvement thematic areas for regional research collaboration:
  - Varietal development and adaptation for abiotic and biotic stresses; high oil and protein content.
  - Focus on drought tolerance, early maturity and consumption qualities (e.g., oil and protein content, leaf size, taste).
  - Focus on addressing major pest and diseases that affect legume crops within the region: for beans (bean stem maggot, bean fly); for soybean (Asian soybean rust, Brown Spot or Red Leafy Blotch); and for cowpea (fungal disease, aphids, legume pod borers, mosaic virus), among others.

In addition to releasing new legume varieties, Zambia also released improved maize and rice varieties.

**Cowpea Varieties**

- **MTILIZI (CP2)**: 1 - 1.5 T ha⁻¹
  - 75 dys to maturity
  - Tolerant to Storage weevil

- **LUKUSUZI**: 1 – 2.5 T ha⁻¹
  - 90-100 dys to maturity
  - Dual purpose; Drought tolerant

- **LUPANDE**: 1.5 - 2 T ha⁻¹
  - 100-110 dys to maturity
  - Tolerance to drought & early Leaf spot

- **MISAMFU-2**
  - 6 T ha⁻¹
  - Resistant to Angular Leaf Spot (ALS) & Common Bacterial Blight (CBB)

**Groundnut Varieties**

- **GV 692**: 8-10t/ha
  - Early maturing
  - Tolerant to grey leaf spot, Turcicum leaf blight, Ear rot

- **GV 662A**: 8-10t/ha
  - Medium maturing
  - Pre-Vitamin A
  - Moderate tolerance to MBD

- **GV 682P**: 8-9 T ha⁻¹
  - Medium to late maturity
  - Lysine (4.2g/100g), Tryptophan (0.9g/100g)

- **GV 687P**: 8-9 T ha⁻¹
  - Medium to late maturity
  - Lysine (4.2g/100g), Tryptophan (0.9g/100g)

**Multiple stress tolerant Maize Varieties**

- **GV 693**: 8-10t/ha
  - Medium maturing

- **GV 642**: 8-10t/ha
  - Medium maturing
  - Drought tolerant

- **GV 662**: 8-10t/ha
  - Medium maturing
  - Drought tolerant

**Quality Protein Maize Varieties**

- **GV 682P**: 8-9 T ha⁻¹
  - Medium to late maturity
  - Lysine (4.2g/100g), Tryptophan (0.9g/100g)

**Bean Varieties**

- **LUNGA**: 1.5 - 2 T ha⁻¹
  - 85 - 90 dys to maturity
  - Resistant to Angular Leaf Spot (ALS) & Common Bacterial Blight (CBB)

- **LUNGWEBUNGU**: 1.5 - 2 T ha⁻¹
  - 85-90 dys to maturity
  - Resistant to ALS, CBB, Rust & Anthracnose

**Pigeon Pea Varieties**

- **MPPV-3**: 1.5 – 2.5 T ha⁻¹
  - 115-125 dys to maturity
  - Rosette tolerant;
  - 45% Oil

- **MPPV-4**: 1.5 – 2.5 T ha⁻¹
  - 150 - 165 dys to maturity
  - Medium tolerance to Fusarium wilt; Good for rations

- **MPPV-2**: 2-3 T ha⁻¹
  - 90-100 dys to maturity
  - Tolerance to Leaf spot & rosette

- **MPPV-3**: 1.5 – 2.5 T ha⁻¹
  - 85-90 dys to maturity
  - Tolerance to drought & early Leaf spot;
  - Resistant to rosette

- **MPPV-4**: 1.5 – 2.5 T ha⁻¹
  - 120-130 dys to maturity
  - Tolerant to Leaf spot & rosette;
  - 50-52% Oil

**Rice Varieties**

- **Super G**: 5 T ha⁻¹
  - 75 dys to maturity
  - Tolerant to Storage weevil

- **MISAMFU-3**: 8 T ha⁻¹
  - Mild scented
  - Extra long & slender grain

- **MISAMFU-2**: 6 T ha⁻¹
  - Aromatic
  - Long & slender grain