

EFFECT ON CLIMATE CHANGE ON PASTURE/FORAGE SEED PRODUCTION

Climatic Change affects Pastures as follows:

- Temperature Changes cause heat stress for livestock, shifts planting dates for pastures and Forages
- Floods and Droughts hinder farming practices

PASTURE/FORAGE SEEDS A SOLUTION?

Pasture/Forage Seeds:

- Lead to increased carbon sequestration
- Reduced Green House Gas emissions from Livestock
- Reduce dependency on chemical fertilizers by fixing Nitrogen into the soil
- Contribute to increased yields of crops and Organic matter in
- Produce high biomass leading to reduced deforestation due to increased productivity on a small area

E-SLIP is a joint Government of the Republic of Zambia, IFAD & OFID funded agricultural livestock Programme with the objective of improving the lives of rural vulnerable Zambians aimed at increasing their incomes and improving their food security.

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ENHANCED SMALLHOLDER LIVESTOCK INVESTMENT PROGRAMME (E-SLIP)



CLIMATE SMART PASTURE/FORAGE SEED PRODUCTION





55 seed growers have been trained in Pasture/Forage seed production. The seed growers are located in far flung areas that are hard to reach. This model makes pasture seeds available, accessible and Affordable.

What are Pasture/Forage Seeds ?

Pasture/forage seeds are planting materials that grows to produce food for livestock. The seeds are classified as grasses or Legumes. Seed that is produced as planting material. Pasture/forage seeds are important because they the are the source of food for livestock.

Governments Interventions on Available, Affordable and Accessible of Pasture/Forage Seed

The model focused on commercializing forage seed at low cost which have dual benefits such as soil improvement, household food consumption.

Varieties of Pasture/Forage Seeds Being Produced

LEGUMES

- Velvet Beans
- Cowpea
- Dolichos Lablab
- Sunnhemp
- Stylosanthes
- Pigeon pea

GRASSES

- Rhodes Grass
- Panicum Maximum
- Buffel Grass

Effect of Certified Seed on Yield ?

Certified seeds are;

- High in Germination
- Free from Diseases, making them more productive
- True to the genetic potential because they are true to type
- High Yielding (Biomass and Seed)

Howcan one become a Pasture/Forage seed

GROWER?

- Trained by SCCI in Seed production principles
- Knowledge in pasture/forage production
- Growing pasture for own livestock or sale
- Able to teach other farmers