

- The inadequate number of extension workers available persists in the project area. The project to operate only in camps where there are extension workers.
- Prices of soil fertility improving ingredients such as lime are not affordable to small scale farmers. The project to facilitate the acquisition of these ingredients and work out a mechanism for farmer contribution.

#### ***2.2.4.2 Promotion of drought tolerant and early maturing crop varieties***

##### **Outputs and Verifiable Indicators**

The project option will target 3,000 agricultural households who will each be helped to acquire drought and early maturing seed varieties of cassava and sorghum.

The Verifiable indicators for this output are as follows:

- The number of demonstrations for drought tolerant crops established
- The number of targeted farming HHs sensitized on the benefits of drought-tolerant crop varieties

##### **Activities**

In order to achieve the expected outputs, the option plans to undertake the following activities.

- Farming HHs helped to procure/source drought-tolerant crop varieties.
- Farming HHs trained in crop diversification using drought-tolerant crop varieties

##### **Timelines and Budget Requirements**

The PSCCR project is envisaged to take a period of five years from 2014 to 2018. The estimated cost is US\$1,035 to cover purchase of new seed varieties, labour time, training costs, on-farm equipment and field trips. The usual sources of agricultural projects in Zambia including the GRZ and bilateral and multilateral agencies could be approached for funding. Given the focus on climate change resilience strengthening for farmers in Zone I, Climate Funds Initiatives could be tapped as well.

##### **Challenges**

The risks and their mitigation measures were similar to those in Section 2.2.4.1

#### ***2.2.4.3 Promotion of integrated farming systems***

##### **Outputs and Verifiable Indicators**

This will target 500 agricultural households who will each be assisted to acquire fingerlings, livestock (5 goats & 10 ducks), sorghum and sugar beans and vegetable seeds sufficient for a 1.25 Ha plot of land in Region I.

The Verifiable indicators for this output are as follows:

- Number of farming HHs using integrated farming.
- Percentage increase in income of farming HHs involved in integrated farming