

FarmSYS

Farm Operations Management & PRODUCE MARKETING



An easy to use, accessible system for farmers and farmer institutions.

PRIMARY OBJECTIVES:

1. Provide farmers in Kenya with an easy to use and affordable software solution to organize, manage, formalize and do various analysis of their farming activities.
2. Enable farmers apply ICTs to adopt new farming methods to plan their production, prevent saturation and waste of produce, market their agricultural produce more effectively and avoid exploitation.

SECONDARY OBJECTIVES:

1. Provide a reliable source of up-to-date information about agricultural production activity in the country to the public, sector players and other institutions.
2. Have a system that will universally serve the agricultural sector and directly link farmers and sector players for mutual benefit.
3. To create central repository for agricultural production data.
1. Manage/track crop and livestock farming inputs and operations i.e. seeds, fertilizers, feeds, pesticides, medicines, labour and cost.
4. Manage/track crop and livestock yields, sales and consumption i.e. crop harvested, milk, meat, leather produced etc.



Because Farming is Serious Business...

FarmSYS

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5. Provide reference information/data for parameters that affect farming, e.g. seeds, diseases, pesticide, medicines and their applications.

6. Provide facilities for forecasting of crop/livestock yields.

7. Provide (business) functions for management and analysis of farming activities/operations and generate useful reports of the same.

FarmSYS will be a smart client application that will run on server and on Farmers computers. The Farm-SYS client will be used to input and process farm data and reports. At the same time it will retrieve data from the server to update system references and local information databases. The client will submit local farm data to the server for further processing and back-up.

FarmSYS will be designed to create farm profiles to enable the application cater for several farms say in a community on one computer.

This functionality is intended to make Farm-SYS ideal for Farmer Co-Operative institutions and others who would want to create farming data processing centers for farmers in their communities.

Data sent to the server will be available on a website and will be accessible on computers, tablets and mobile phones; to the public, traders, stake-holders in the agriculture sector.

BENEFITS

1. Encourage more farmers organize their activities/operations and apply formal business principles in their operations.
2. Enable farmers to accurately assess and determine their productivity and effectiveness of their farming methods.
3. Provide a source of information for farmers improve and/or adopt better farming methods.
4. Enable farmers harness ICT to manage their farms and to produce reports they can present to credit providers e.g. banks.
5. Enable farmers to directly market their produce on the internet.
6. Provide a tailor made business solution for farmer co-operatives and other farming institutions.
7. Create employment opportunities i.e. system operators in farms, farmer co-operatives and farm agents.



“ Providing Business Functions for Management, Analysis and Reporting of Farming Activities ”