

## **SELF SUFFICIENT TANZANIA IN FEED INPUTS**

### ***Fathens company Limited***

FATHENS COMPANY LIMITED is planning to have 4000 acres of soya beans in Tanzania to close the gap of shortage of feed inputs and edible oil import in the country using our group experience in managing 8000 acres and operations of planting and production. This farm would be a nucleus for grains production all over the country as it would be the source of seeds and technical knowledge transfer to farmers and also the collection of production of maize and soya to produce soya oil for food and soyabeans meal for feed in the company plant for processing.

## **2- Technical Approach**

- We will have all the needed equipment for preparing the land and planting and harvesting
- We will depend on both rain and irrigation to have more than one harvest per year
- For irrigation we will use the pivot system as one of the most efficient methods for crop worldwide
- We will use the latest technology in irrigation, weather stations, and tensiometer to make sure that the efficiency of water given to the plants are high through following the water movement in the soil and the plant uptake of water

### 3- experience in production of similar crops

Crop	Production per hectare	Farming Technology	Harvest and handling
Yellow corn	7.2 tons	pivot	Harvester and tractor
soya	N/A	pivot	Harvester and tractor

**4- For the export market** our company can exports feed inputs to all neighbor countries and oil also

**5- our contribution for the local market** is to close the feed input gap in the local market and also the edible oil and to start to be exporting country than importing. And to train other farmers to produce efficiently. This will ensure a food security for the country in the turbulent worldwide supply chain of food and feed.

### 6- Business Plan

#### Executive Summary

Product: we will have to produce locally maize and soya and would make the processing plant for soya and this would ensure incomes from the first year because of the short cycle of the crop that it can produce two harvest per year.

We will have a storage for the crops to ensure crop availability all around the year, also the processing would make added value to the crops, and we can target different customer pools on the national and the international markets for feed and food.

We will work on having self-sufficiency for the Tanzanian market for the feed needed for the poultry and livestock

## **Future of the company**

The company would invest in new lands and to develop local farmers to increase the production of feed inputs all over through the country

## **Company description**

Mission Statement: to produce the needed feed inputs to make sure of the stable production of food needed for the people and adding value to society through the continuous investment in our people, facilities and research

## Principal Members

Khaled Hegazy- Director

Mohamed Hegazy- Director

Omar Hegazy- Director

## Legal Structure

Private Limited Company

## Company Advantages

The company have extensive experience in agriculture for more than 25 years that it operates around 8000 hectares of different crops In Africa. And we have extensive experience in producing export crops according to the highest standards. We have experience in many crops as

- Yellow Corn
- Alfalfa
- Potatoes
- Sugarbeet
- Peanuts
- Cherry tomatoes

- Sweet pepper
- Cucumber
- Asparagus
- Oranges
- Lemons
- Mandarins
- Grape fruits
- Mangoes
- Cherrymoyah
- Pomegranates
- Grapes
- Blueberries
- Blackberries
- Passion fruits
- Dragon fruit
- Bananas
- Papaya
- Avocados

- Guava

- Ornamental plants

## Research and Development

The company has the needed staff and laboratories to make research that aims always for producing the highest quality products with the least costs due to our continuous research.

## Financial investment and revenues over 5 year period

Description	Year 1 (USD)	Year 2 (USD)	Year 3 (USD)	Year 4 (USD)	Year 5 (USD)	Total
Construction	\$2,100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$2,500,000
Plant and machinery	\$802,000	\$524,424	\$430,000	\$932,867	\$850,000	\$3,539,291
Other assets						
Working Capital	\$270,000	\$810,000	\$1,620,000	\$2,700,000	\$2,700,000	\$8,100,000
Total	\$3,172,000	\$1,434,424	\$2,150,000	\$3,732,867	\$3,650,000	\$14,139,291
Revenue	\$1,000,000	\$3,000,000	\$6,000,000	\$10,000,000	\$10,000,000	\$30,000,000
Deficit/ Surplus	<b>-\$2,172,000</b>	\$1,565,576	\$3,850,000	\$6,267,133	\$6,350,000	\$15,860,709

## Investment analysis

### Construction

Year 1 : warehouse, residence for permanent workers and office around 100 m2 with a cost of 100000usd

Building of soya processing plant 2000000 usd

Year 2: expansion of warehouse 50000 USD and infrastructure of silos 50000\$

Year 3: expansion of warehouse 50000 USD and infrastructure of silos 50000\$

Year 4: expansion of warehouse 50000 USD and infrastructure of silos 50000\$

Year 5: expansion of warehouse 50000 USD and infrastructure of silos 50000\$

### Plant and machinery

Year 1: Tractors 55000\$, pivot equipment 200000\$, Other agriculture equipment 547000 \$

Silos for storing 3000 tons of soya, and 5000 tons of maize

Year 2: expansion of silos for storage 200000\$ for soya and maize and equipment of 124424\$,and pivots for 200000\$

Year 3: purchase of silos for storage 200000\$ for soya and maize and equipment of 24600\$ and pivots for 200000\$

Year 4: purchase of silos for storage 200000\$ for soya and maize and equipment of 532867\$ and pivots for 200000\$

Year 5: purchase of silos for storage 350000\$ for soya and maize and equipment of 500000\$ for pivots

## Working capital

Year 1: Planting 1000 acres of soya 270000\$

Year 2: Planting 3000 acres of soya 810000\$

Year 3: planting 6000 acres of soya 1620000\$

Year 4: planting 10000 acres of soya 2700000\$

Year 5: planting 10000 acres of soya 2700000\$

## Number of total employees

## SELF SUFFICIENT TANZANIA IN FEED INPUTS

	labor source	year 1	year 2	year 3	year 4	year 5
top management	foreign	3	4	4	4	4
	local					
Technical/ Professional	foreign	5	7	10	15	15
	local					
Skilled Labor	foreign	5	10	10	10	10
	local			10	30	40
Casual Labor	foreign					
	local	200	600	750	2000	2000
Total	foreign	13	21	24	29	29

### Implementation plan

- 1- First we Get approval of the designated area and investment plan
- 2- We make transfer from our accounts in Europe to our bank accounts in Tanzania
- 3- We already have offers for all the equipment needed for the projects and when we get the approval we start transferring to the supplier and the importing process
- 4- We transfer our supervision staff to Tanzania to start planning the land for planting and irrigation(3 months)
- 5- we start planning the land for the processing plant to start construction (3 months)
- 6- building houses for staff and warehouse and administrative buildings ( 6 months)
- 7- constructing the soya processing plant and installing the equipment (12 months)
- 8- planting our first 1000 acres preparation and planting ( 5 months)
- 9- harvesting the crop for the first year and having seeds stored in silos for the crop of next year for us and other farmers.