

Haygrove Farm-in-a-Box projects



World poverty is increasing; jobs are becoming more insecure, war, land reform, increased fuel and gas prices are all resulting in higher food prices and higher demands on earth's resources.

"Food security, healthier living, sustainability, greener agriculture, home grown" have all become global buzz words in recent years. Despite South Africa ranking as a middle income country, a fifth of all households still struggle to access sufficient food.

According to a recent report from UNICEF, Africa's population will double to 2.4 billion people by 2050. Two billion babies will be born in the next 35 years and Africa will be home to 40% of the world's children. The question is where will the food come from to feed all these people? Food production is a major concern worldwide and countries turn to the agricultural sectors to increase production.

Haygrove Tunnels has been providing tunnels to commercial farmers worldwide for many years, but believes the best way to address the food insecurity issue, is by empowering individual households to grow food. Haygrove's solution is supplying a small, affordable tunnel kit with all the required items to produce food in a protected environment. This initial kit is called the **Farm-in-a-box kit** and consists of a Haygrove Grow house, farming equipment, organic components, practical training and 12 month mentorship. The proposed kit comes in different sizes to fit the individual requirements and can also be a combination of different farming practices combined in one tunnel.

Haygrove offer the following Farm in a box kits:

Vegetable Farm-in-a-box:

Each project initially begins with all the equipment necessary for vegetable production. Equipment includes but is not limited to:

- **Haygrove Grow house/ small scale production unit:** 4m x 10 m, 8.5 m x 15 m OR 8.5 m x 30 m Haygrove tunnel
- **Irrigation System:** Appropriate irrigation system for tunnel (Drip or overhead) including pump and tanks where required.
- **Farmer's Sprayer:** 20 Litre Knapsack Sprayer
- **Vegetable seed pack:** 5 types of vegetable seeds
- **Fertilizers:** One season worth of required fertilizer
- **Soil conditioners:** Treatment for one growing season
- **Fungicide / Insecticide:** Environment Friendly product for one season crop protection
- **Growhouse implements:** Spade/Rake/Fork/Hand tools
- **Training:** 3 day on site training offered on the usage of the kit.

Haygrove mentorship support package:

A Haygrove extension officer will visit Farm-in-a-box projects at their site 3 times during a 12 month period to consult, advise and address any agricultural issues that may need attention.

During these visits the emerging farmers will be exposed to new technologies, growing techniques, products and markets available. Continued offsite telephonic and online/email support is offered during this period.



Broiler Chicken Farm-in-a-box

- Haygrove tunnel 4 m x 4 m, 4 m x 6 m OR 4m x 10m
- Water fonts
- Tube feeders
- Small chick feeders
- 50 kg Chicken feed
- 5 kg Chicks starter grower meal
- White and red light unit
- Light timer
- Thermometers
- Knapsack sprayer with disinfectant spraying mix
- Broiler chicken curtain

Egg production Farm-in-a-box

- Haygrove tunnel 4 m x 4 m, 4 m x 6 m OR 4 m x 10 m
- Water fonts
- Tube feeders
- 50 kg of Laying pellets
- White and red light unit
- Light timer
- Thermometers
- Knapsack sprayer with disinfectant spraying mix
- Egg laying crates

Combination farm-in-a-box kits:

Each of these kits can also be farmed as a combination under one structure. The tunnel is divided in two. One section can be used to produce vegetables and the other for egg / broiler production.

For more information please contact Jana at Haygrove on admin@haygrove.co.za or 021 8591026.

Haygrove Kits for Emerging Farmers

Haygrove is committed to assisting Emerging Farmers to be successful. We offer complete farm-in-a-box systems for vegetable and chicken farmers which includes a greenhouse tunnel, farming equipment, irrigation systems, training and a 12 month mentorship program to ensure a successful farming endeavour. We cater for both small scale and larger commercial farmers

Farm-in-a-box



Training



Mentorship



Haygrove
tunnels

www.haygrove.co.za
Tel: +27 (0)21 8591026
projects@haygrove.co.za