

# ROYAL TIMES NEWSLETTER

## ISSUE 18 July - Sept 2024

### 🌽 Introducing **RS 5101**: The Drought-Tolerant Maize Variety! 🌽 **EXCELLENT DOUBLE COBING VARIETY**

We are excited to present RS 5101, an exceptional maize variety that thrives in drought-prone areas. This high-performing variety is specifically designed to withstand challenging conditions, ensuring a successful harvest even in water-scarce regions.



#### Key Features:

🌽 **Drought Tolerance:** RS 5101 is renowned for its excellent drought tolerance, making it a reliable choice for farmers facing water scarcity challenges.

🌽 **Optimal Seed Rate and Spacing:** Achieve optimal results with a seed rate of 8-10 kgs per acre and a recommended spacing of 75cm by 30cm, maximizing your yield potential.

🌽 **Maturity:** Experience the versatility of RS 5101 with a maturity period of 90 days for Green Maize and 142 days for Grain Maize, offering flexibility in harvesting.

🌽 **Conical Cobs with Dent-like Grain Texture:** Enjoy the distinctive conical cobs with dent-like grain texture, ensuring both visual appeal and desirable grain characteristics.

🌽 **Impressive Yield Potential:** RS 5101 showcases a yield potential of 1.9-3.7 tons per acre, translating to 21-42, 90kg bags, allowing for a bountiful harvest.

🌽 **Plant and Ear Height:** Expect a plant height of 253cm and an ear height of 140cm, providing a substantial growth structure for optimal productivity.

🌽 **Strong Prop Roots and No Lodging:** RS 5101 features robust prop roots, offering excellent stability and resistance against lodging, ensuring your crop remains upright.

🌽 **Ideal for Low to Mid Altitude Areas:** This variety is specifically suited for regions ranging from 1000 to 1600 meters in altitude, catering to a wide range of farming environments.

🌽 **Disease Tolerance:** RS 5101 exhibits tolerance to grey leaf spot (GLS) and maize streak virus (MSV), providing added protection for your crop.

Experience the resilience and productivity of RS 5101 in your maize fields. Cultivate success and overcome drought challenges with this outstanding variety.

Seed rate per acre is 8-10 kgs!



# BALOZI FRENCH BEAN

## Introducing BALOZI French bean: Your Key to Quality and Adaptability

We are thrilled to announce the arrival of our new variety, BALOZI French-bean. This fine variety is widely adapted across the country and promises exceptional performance in your fields. Whether you're a seasoned farmer or just starting out, BALOZI French bean is here to elevate your harvests.



Here are some key details about BALOZI French bean:

Seed rate per Ha: 250,000 seeds

- Maturity: 60 days
- Pod length: 14.1-15cm
- Specs: 70% VF (<8mm), 30% FL (<9mm)
- Pod color: Green
- Plant habit: Medium Erect bush, Strong Vegetative plant

BALOZI French-bean offers a medium erect bush structure, making it easy to manage and harvest. Its strong vegetative growth ensures

healthy plants that can withstand various environmental conditions. This variety is perfect for high-quality tray packing, allowing you to deliver superior produce to your customers.

One of the standout features of BALOZI French-bean is its wide adaptability across the country. No matter where you are located, you can count on this variety to thrive in your region. Additionally, it is well-suited for hand picking, providing convenience and flexibility during harvest.

When it comes to disease tolerance, BALOZI French-bean shines. It exhibits high tolerance to BCMV/V1: 1/PsP1, 2, offering protection against common bean viruses. It also demonstrates intermediate tolerance to Ua (Bean Rust), ensuring the health and productivity of your crop.

Don't miss out on the opportunity to elevate your French-bean production with BALOZI. Contact us today to place your order and experience the quality and adaptability of this remarkable variety.



# INTEGRATED PEST MANAGEMENT PRODUCTS

Integrated pest management (PEST MANAGEMENT PRODUCTS) also known as integrated pest control combines the use of biological, cultural and chemical practices to control pests in agricultural production.

It seeks to use natural predators or parasites to control pests, using selective pesticides for back up only when pests are unable to be controlled by cultural/ mechanical ways.

Kenya highland as a company has adopted these methods in their trial farm and is encouraged to spread the same to their customers (farmers) under their brand, which is Royal Seed.

Some of the integrated pest management products that Royal Seed is supplying are



## Delta Traps

Delta traps are fitted with sticky cards and pheromones that lure male moths and get trapped in the delta trap, on the sticky card.

Delta traps are majorly fitted with fruit fly lures.



## Pheromones Lures

The top of the fruit fly and melon fly traps are customized to fit into any plastic bottle. The wick is dosed with the respective pheromones which attract the pests into the bottle and traps them inside hence stopping reproduction therefore decreasing the number



## Sticky roller traps

Hang roller traps in bays preferably near green house doors and along vents.

**Blue roller** traps majorly trap thrips while **yellow** is ideal for trapping tuta absoluta, white flies, fruit flies, thrips, leaf miners and moths.

Blue roller traps are 15cmx100m

Yellow traps are 15cmx125m



## Entraps

Yellow/Blue sticky traps(25cmx10cm) with wet glue suitable for pests trapping.They have glue on both sides of the trap.

Peel off traps from pad as required and for better results, use 1 trap / 10m<sup>2</sup>

# VERTICAL BAG FARMS

Royal Seed, offers bag gardens made of durable material that inhibits UV light effectively.

## WHY VERTICAL BAG GARDENS?

- Can be reused for up to ten years
- Appropriate for growing nutritious leafy vegetables such as amaranth, Sukuma wiki, spinach, nightshade and herbs on the sides.
- Has ten times more space and water efficiency than growing on the ground.
- Increases productivity further by planting various root crops such as beetroot or onions on the top of the bag



**CORIANDER**

## THERE ARE 5 BAG SIZES;

- A Large bag has a capacity of up to 100 plants
- A Medium bag has a capacity of up to 80 plants
- A Small bag has a capacity of up to 40 plants
- A Tall bag has a capacity of up to 65 plants
- A Tomato bag holds one tomato plant per bag
- A Hanging holds a number of herbs, climbers or flowers

Cone Gardens are a form of vertical gardens that use soil stack into layers that form a cone garden like a cake. Each layer of soil is held with our durable UV-treated net just like the vertical bag farms.

Real IPM developed Cone Gardens to addresses some of the challenges that were posed by Vertical Bag Farms.

## ADVANTAGES OF THE CONE GARDENS

- Suitable for growing all crop.
- Easy to reload and unload
- Holds up to 120 plants on 3.5 msq of land.
- Ensures food safety.
- Low water requirements 20 litres are enough per week.
- Reusable up to 15 years.
- Good water drainage
- Plants grow uniformly due to enough space and lighting.
- Can be replanted without changing the soil



**CURLY KALE**



**CURLY KALE & SUKUMA SIKU**



**KALE 1000 HEADED**




**KALE 1000 HEADED**

# OUR CONTACTS

**THANK YOU FOR SUBSCRIBING!**

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**Royal Products - Royal Results**