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Kenya Highland Seed Co. Ltd.
For greater production

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## Farmers Sing Praises for Royal Seed's New Harmony F1 Tomato: A Game-Changer in Agriculture

In the ever-evolving landscape of agriculture, innovation is the key to success. Among the latest breakthroughs capturing the attention of farmers across Kenya is the Harmony F1 Tomato, a revolutionary product from Royal Seed. With its exceptional characteristics and resilience to challenges like Bacterial Wilt Virus, Harmony F1 is quickly becoming a favorite among farmers, earning rave reviews for its performance and reliability.

Characterized by its s**emi-determinate nature**, Harmony F1 boasts a **maturity period** of 70-75 days from transplanting, making it a quick-yielding variety ideal for maximizing productivity. Farmers have reported impressive **fruit weights** ranging from 140 to 160 grams, coupled with an outstanding **yield potential** of up to 30 tonnes per acre. This exceptional productivity ensures a bountiful harvest, translating into increased profitability for farmers.

One of the standout features of Harmony F1 is its vigorous plant growth, which results in **uniformly set and firm fruits.** The oval-shaped tomatoes, adorned in a vibrant shade of red upon maturity, are not only visually appealing but also boast **remarkable shelf life** and transportability. With an excellent shelf life of 21 days, farmers can rest assured that their produce will reach markets in pristine condition, fetching premium prices.

Moreover, Harmony F1 exhibits exceptional **adaptability to varying climatic conditions**, thriving in hot weather and moderate rainfall. This adaptability ensures consistent performance regardless of environmental fluctuations, providing farmers with a reliable solution to mitigate risks associated with unpredictable weather patterns.


Perhaps the most notable feature of Harmony F1 is its tolerance to Bacterial Wilt Virus, a notorious disease that poses a significant threat to tomato crops. With resistance built into its genetic makeup, Harmony F1 offers farmers peace of mind, reducing the need for costly chemical treatments and safeguarding against yield losses. This resilience to disease not only ensures a healthy harvest but also contributes to sustainable farming practices by minimizing the environmental impact of pesticide use.

The positive feedback pouring in from farmers underscores the transformative impact of Harmony F1 on agricultural practices. Farmers laud its ease of cultivation, high yields, and resistance to diseases, hailing it as a game-changer in the industry. Royal Seed's commitment to innovation and quality shines through in Harmony F1, reaffirming its position as a trusted partner in the journey towards agricultural excellence.

As farmers continue to embrace Harmony F1, its ripple effects are felt throughout the agricultural value chain. From increased incomes for farmers to improved food security for communities, the impact of this remarkable variety extends far beyond the fields. With Harmony F1 leading the way, Royal Seed paves the path towards a future where sustainable agriculture meets unprecedented productivity, promising a brighter tomorrow for generations to come.

In conclusion, the introduction of Harmony F1 Tomato marks a significant milestone in Kenya's agricultural landscape, offering farmers a beacon of hope amidst the challenges they face. With its exceptional characteristics and resilience, Harmony F1 is not just a product but a catalyst for positive change, empowering farmers to thrive in an ever-changing world. As it continues to win hearts and fields across the country, Harmony F1 stands as a testament to the power of innovation and collaboration in shaping the future of agriculture.

# Royal Seeds Introduces New Indigenous Seeds for Enhanced Crop Yield

able crops, Royal Seeds has unveiled a range of new indigenous seeds. These seeds, meticulously developed through years of research and innovation, promise to transform farming landscapes across various regions. Among these groundbreaking introductions are Amaranthus dubius (Terere), Spider Plant (Saga), Black Nightshade (Managu/Mnavu), and Giant Nightshade. Let's delve into the characteristics and potential of each.

## Amaranthus dubius - Terere

Amaranthus dubius, commonly known as Terere, emerges as a standout among the new releases from Royal Seeds. This high-yielding plant boasts broad and long leaves, making it well-suited for diverse growing regions. Its key characteristics include:

**Maturity:** Remarkably quick, reaching maturity in just 35-45 days from direct sowing.
**Plant Growth Habit:** Exhibits an upright and spreading growth habit.
**Leaf Color:** Displays a rich, dark green hue indicative of its vitality.
**Seed Rate/Acre:** Requires 1000g of seeds per acre.
**Spacing:** Optimal spacing of 20 cm by Drill.
**Average Yield per Plant:** Impressive, ranging between 3-5 kg.

With its rapid growth and bountiful yield potential, Terere stands as a game-changer for farmers seeking efficient and productive crop options.

## Black Nightshade (Managu/Mnavu) and Giant Nightshade

Royal Seeds also introduces Black Nightshade (Managu/Mnavu) and Giant Nightshade, both characterized by their high productivity and adaptability. Key features include:

**Maturity:** Rapid maturity within 35-45 days from direct sowing.
**Plant Growth Habit:** Both display an erect and bushy growth habit.
**Leaf Color:** Rich, dark green leaves denote their robust health.
**Seed Rate/Acre:** Requires 1000g of seeds per acre for optimal results.
**Spacing:** Optimal spacing of 20 cm by Drill for Black Nightshade and 30 cm by Drill for Giant Nightshade.
**Average Yield per Plant:** Black Nightshade and Giant Nightshade offer impressive yields ranging from 4-6 kg and 5-7 kg, respectively.

These indigenous varieties signify a leap forward in agricultural innovation, providing farmers with resilient and high-yielding options to enhance their productivity and livelihoods.

## Spider Plant - Saga

Another noteworthy addition to Royal Seeds' lineup is the Spider Plant, or Saga. This vigorous plant, characterized by its multiple leaves, proves suitable for year-round production. Key attributes include:

**Maturity:** Similar to Terere, matures swiftly in 35-45 days from direct sowing.
**Plant Growth Habit:** Exhibits an erect and bushy growth pattern.
**Leaf Color:** Boasts a deep, dark green color indicative of its health.
**Seed Rate/Acre:** Requires 1000g of seeds per acre.
**Spacing:** Optimal spacing of 20 cm by Drill.
Average Yield per Plant: Impressive, ranging between 4-6 kg.

Saga promises consistent yields and resilience, making it a dependable choice for farmers aiming for sustainable and profitable cultivation practices.

In conclusion, Royal Seeds' introduction of these new indigenous seeds marks a significant milestone in agricultural advancement. With their rapid maturity, high productivity, and adaptability to various growing conditions, these seeds hold the promise of transforming farming practices and improving food security. As farmers embrace these innovative varieties, they embark on a journey towards sustainable agriculture and enhanced prosperity.

# Kenya Highlands Embraces Solar Power: A Sustainable Shift at Royal Seed Complex

In a significant move towards sustainability and energy independence, Kenya Highland Seed Co. Ltd, is witnessing a remarkable transition from traditional power sources to solar energy. Leading the charge in this green revolution is the Royal Seed Complex, an agricultural hub renowned for its commitment to innovation and environmental stewardship. This transition marks a pivotal moment not only for the complex but also for the broader agricultural landscape of Kenya.

Located in Athi River, at the Royal Seed Complex stands as a beacon of modern agricultural practices. With a focus on enhancing productivity while minimizing environmental impact, the complex has long been at the forefront of adopting progressive technologies. Now, with the adoption of solar power, it is setting a new standard for sustainability in the region.

The decision to switch to solar power is driven by a multitude of factors, chief among them being the environmental benefits and cost-effectiveness of renewable energy. By harnessing the abundant sunlight that graces the Kenya Highland Seed Co. Ltd, the Royal Seed Complex is reducing its reliance on fossil fuels and mitigating its carbon footprint. This move aligns seamlessly with Kenya's ambitious renewable energy targets and its commitment to combating climate change.

Moreover, the transition to solar power offers economic advantages, providing the complex with long-term energy security and stability in the face of fluctuating electricity prices. By generating its own power on-site,

the complex can significantly lower its operating costs and reinvest savings into further innovation and expansion.

The implementation of solar power at the Royal Seed Complex is not merely a symbolic gesture but a practical demonstration of the feasibility and scalability of renewable energy solutions. Through strategic partnerships with leading solar technology providers and government initiatives promoting clean energy adoption, the complex has been able to seamlessly integrate solar panels into its infrastructure. The result is a state-of-the-art energy system that not only powers the complex's operations but also serves as a model for other businesses and farms in the region.

Furthermore, the shift towards solar power is driving a broader transformation in agricultural practices, fostering a culture of sustainability and environmental consciousness among farmers in the Kenya Highlands. As one of the most agriculturally productive regions in the country, the highlands play a crucial role in ensuring food security and economic prosperity. By embracing solar energy, farmers can reduce their reliance on diesel generators and grid electricity, thereby reducing operating costs and increasing profitability.

Kenya Highland Seed Co. Ltd's commitment to solar power exemplifies the potential for synergy between agriculture and renewable energy. By harnessing the power of the sun to fuel agricultural activities, the complex is not only reducing its environmental impact but also increasing the resilience and sustainability of the entire value chain. From seed production to distribution, solar power is revolutionizing every aspect of agricultural operations in the Kenya Highlands.

As the transition to solar power gains momentum, it is imperative for policymakers, businesses, and communities to continue supporting and investing in renewable energy infrastructure. By creating an enabling environment for innovation and sustainable development, Kenya can unlock the full potential of its abundant solar resources and pave the way towards a brighter, greener future for generations to come.

remarkable. In terms of environmental impact, this transition has resulted in the equivalent of planting approximately 53.35 trees, mitigating the use of around 0.29 tons of coal, and preventing the emission of approximately 0.77 tons of CO2. These figures underscore the tangible benefits of embracing renewable energy, not only in terms of cost-effectiveness but also in terms of mitigating the environmental footprint of the agricultural operations at Kenya Highland Seed Co. Ltd.

In conclusion, Kenya Highland Seed Co. Ltd's move to solar power, exemplified by the Royal Seed Complex, marks a significant milestone in the journey towards a sustainable and resilient agricultural sector. By embracing renewable energy, businesses and farms in the region are not only reducing their environmental footprint but also driving economic growth and innovation. As other regions follow suit, Kenya is poised to emerge as a global leader in sustainable agriculture powered by the sun

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