



**Mantis is a company that produces and exports important agricultural products**





Through long experience, we know the secrets  
of correct cultivation for more than 20 years



We have a large number of small farmers and growers who we support with agricultural information to ensure sustainability and safe food production, in addition to taking care of our own farms.







<https://www.facebook.com/mantisagriculture?mibextid=ZbWKwL>

<https://www.instagram.com/mantisagriculture?igsh=MWxuejl3ZjF4ZWN4bA==>

<https://mantis-agriculture.com/about/>

<http://www.youtube.com/@islamsamie ssawy8975>





# Mantis

## Our Vision

We aspire to build a long-term relationship of trust with our customers by providing the best products at the best prices, relying on high technology in agriculture, storing and packing with the observation international standards in our products.

## Tasks

Mantis is one of the pioneers of Egyptian companies in the field of agriculture whether supervising farms or exporting agricultural products to the globe, relying on more than twenty years of experience in agriculture, products storing and packing; which made it gain the confidence of many farmers and traders.

## OUR QUALITY POLICY

Our increasingly strict regulations ensure the highest possible quality that respecting the environment to meet our customer's expectations and respect the European and all standards We carefully select our suppliers, and follow the cultivation process from its inception to ensure a quality that meets our standards.







- Mantis knows The total cultivated area in Egypt is 4%

The Nile River uses 0.4 billion cubic meters of water equivalent to 1.1%. The fruit uses 3.2 billion cubic meters, equivalent to 8.4% of the amount of water used in irrigation. The amount of well water used to irrigate the three crops - and fruit crops reached 21.2 thousand cubic meters/day in 2021, compared to 20.0 thousand cubic meters/day in 2020, an increase of 6%

At the end of 2020, Egypt launched a strategy for managing water resources until the year 2050, within the axes of the National Water Resources Plan (2017/2037) at a cost of \$50 billion, called “4T” with the participation of a number of ministries, and among the most important projects that the ministry is currently implementing within... This plan: the national project to rehabilitate canals, the project to transform from flood irrigation systems to modern irrigation systems, programs for adaptation to climate change, protection from sea level rise, and rain harvesting projects. This plan pays special attention to the middle years 2020 and 2030





Through our information as Mantis company , the Egyptian Ministry of Agriculture has reached plans to increase the agricultural area

1. Land reclamation: It involves converting desert or unused land into arable land through irrigation projects, such as the Toshka project in the Western Sahara.
2. Irrigation improvement: Modernizing irrigation systems to improve water use efficiency and expand the area that can be effectively cultivated.
3. Urban agriculture: Exploiting rooftops and other urban spaces for small-scale agriculture, especially in areas with high population density.
4. Sustainable agriculture: Promoting practices that maintain soil fertility, reduce water consumption, and reduce environmental impact.
5. Financial incentives: Providing support or other financial incentives to farmers to encourage them to cultivate more land.
6. Scientific research in agricultural technology and technology and expanding the scope of adaptation to new developments.
7. Develop neural knowledge: Build neural knowledge such as cooling methods and know them specifically for agricultural assistance.



The “Egypt Green Hydrogen” project was launched during the COP27 climate summit hosted by Egypt in Sharm El-Sheikh in November 2022, at an investment cost of \$417 million. Through its experimental production, the project succeeded in exporting the world’s first green ammonia shipment in November 2023 to India. The Suez Canal Economy also succeeded, during August 2023, in hosting the first ship refueling operation with green fuel in the Eastern Mediterranean and Africa.



The guide to sustainability in Egypt is The final station for wastewater, which prevents seawater from interfering with groundwater, and thus the environment. It includes 4 unloading units with a capacity of 1.4 million cubic meters per day, 4 main water treatment paths, and the sludge lines entering and leaving it are ready. Water fermentation pumps and water basins will soon be constructed. Rapid mixing and slow humidification basins, in addition to sedimentation tanks, hard disk filters, and ozone basins. The station was settled on an area of 155 m.



Solar energy is the most important benign source of energy on Earth, and Egypt is geographically located between latitudes 22 and 31.5 north. Thus, Egypt is located in the heart of the global solar belt, and thus it is considered one of the richest countries in the world in solar energy. The largest solar power generation station is being constructed on the land of the village of Benban in Aswan Governorate, and it is considered the largest station in the world, where the equivalent of 90% of the energy produced from the High Dam will be generated, within the framework of the strategy set by the New and Renewable Energy Authority, which aims for 20% of the production to be Electricity in Egypt will come from clean energy by 2022, at a cost of about \$2 billion





## Opening of the Future Egypt Agriculture Project

### Project location (New Delta)

\* The project is located along the new Rod Al-Farag-Al-Dabaa axis road, which was established within the National Road Project, with a length of 12 km and a depth of 60-70 km, and it is 30 minutes away from the project from 6th of October City. The project was divided into (60) longitudinal roads and 35 cross roads, divided into large plots with an area of (1000) acres each.

\* The project location achieves the strategic goal of labor availability, in addition to easy access to production requirements such as seeds, seeds, as well as easy delivery of products to the main hub of agricultural and cultural investment.



The European Green Deal is a comprehensive set of policy initiatives by the European Commission aimed at making Europe climate neutral by 2050. It was launched in December 2019 as the EU's strategy to tackle climate change and environmental challenges while fostering sustainable economic growth.

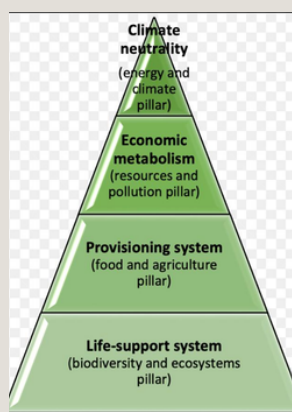
Key components of the European Green Deal include:

1. **\*Climate Neutrality:**\* The overarching goal is for Europe to become climate neutral by 2050, meaning that greenhouse gas emissions will be balanced by measures that remove them from the atmosphere.
2. **\*Decarbonizing the Economy:**\* This involves transitioning to clean energy sources, promoting energy efficiency, and reducing dependence on fossil fuels.
3. **\*Circular Economy:**\* Encouraging sustainable practices that minimize waste generation and maximize recycling, reuse, and repair of resources.
4. **\*Biodiversity:**\* Protecting and restoring biodiversity, including through the creation of new protected areas and measures to prevent species loss.
5. **\*Farm to Fork Strategy:**\* Promoting sustainable food systems, reducing the use of pesticides and antibiotics, and enhancing organic farming.
6. **\*Just Transition:**\* Ensuring that the transition to a green economy is fair and socially inclusive, supporting regions and industries most affected by the changes.
7. **\*Innovation and Investment:**\* Mobilizing public and private investments in green technologies and sustainable infrastructure.

England, as part of the United Kingdom (UK), separated from the European Union through the Brexit process, which was completed on 31 January 2020.

Due to Brexit, the United Kingdom, including England, is no longer part of the European Union and is therefore not directly bound by the policies and regulations of the European Green Deal. However, the UK has its own climate policies and targets. The UK government has committed to achieving net-zero greenhouse gas emissions by 2050, similar to the EU target. The UK has also implemented several measures and strategies to address climate change, such as the Ten Point Plan for the Green Industrial Revolution and the Emissions Trading Scheme (UK ETS), which replaced the EU ETS for the UK.

While England and the rest of the UK are no longer part of the EU's coordinated efforts under the European Green Deal, they continue to pursue their climate and environmental objectives independently



Mantis has many crops such as Citrus

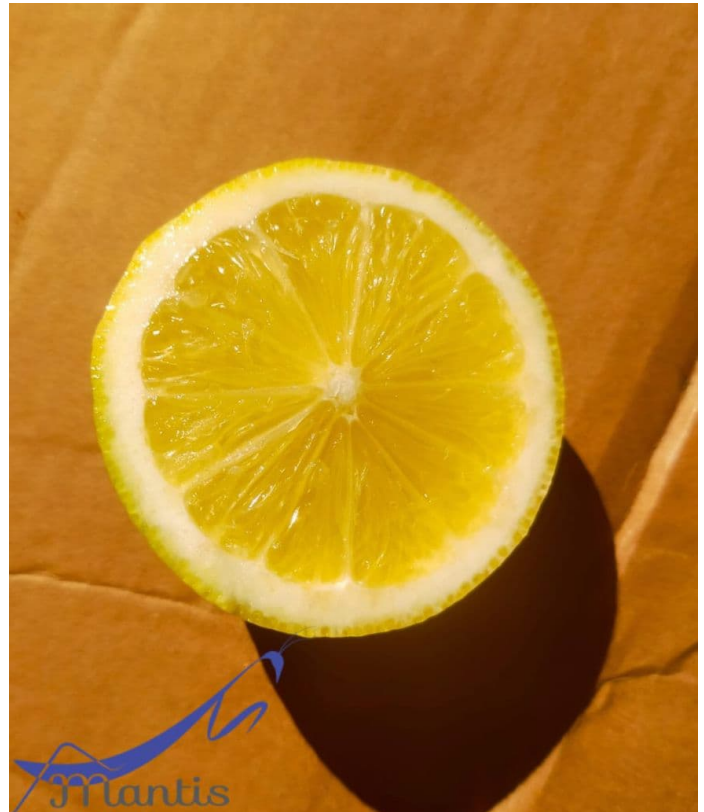
Egypt is the first country in the world to export citrus fruits, exporting them at a rate of 15% for the third year in a row.







This shipment arrived to europe





We grow a wide variety of citrus fruits in great quantity and quality – including: Orange , Blood Orange , Lemon , mandarin , Clementine and Grapefruit  
We care deeply about its cultivation and guarantee the superior quality of our citrus fruits

Verities

Orange : Baladi , Navel , Valencia , Sweet and Blood orange

Lemon rekaA,Uirna

Packaging

Orange, Mandarin and Lemon: One Container 40 ft can pack 24 Ton / 20 pallet , each pallet is 80 cartons of 15 KG

Grapefruit: One Container 40 ft can pack 19.5 Ton / 20 pallet , each pallet is 65 cartons of 15 KG



## Artichoke

We provides all kinds of artichokes, Fresh and bottoms, hearts and quarters.

Fresh Artichoke

Season start: December, End: May

variety

French (Violet)

Baladi

Packaging

Wooden Boxes

Plastic Basket

Carton Boxes

Artichoke Bottoms

(3 to 5 cm ), (5 to 7 cm), (7 to 9 cm)

Dimension per piece:

Length of the stalk: between 6.5cm – 7 cm.

Length of the heart of the artichoke: between 4 cm – 4.5 cm.

Total length of the piece: between 10.5 cm – 12 cm.

The number of pieces per kilo: between 14 – 16 piece.







## \* Broccoli benefits of Broccoli

1. **\*Nutritional Value:\*** Broccoli is rich in vitamins, including vitamin C, vitamin K, and folate. It's also a good source of fiber, potassium, and protein.
2. **\*Antioxidants:\*** It contains antioxidants like sulforaphane, which may help protect against certain cancers and improve heart health.
3. **\*Digestive Health:\*** High in dietary fiber, broccoli can aid digestion and promote a healthy gut.
4. **\*Bone Health:\*** The vitamin K and calcium content in broccoli support bone health.
5. **\*Immune Support:\*** The vitamin C in broccoli boosts the immune system and helps fight off infections.

### \*Size of Broccoli Containers Exported by Egypt:\*

The size of containers used for exporting broccoli can vary depending on the market and packaging requirements. Typically, broccoli is exported in boxes or crates, with common weights ranging from 5 kg to 10 kg per box. However, specific container sizes may differ based on the agreements between exporters and importers. For bulk shipments, broccoli might be transported in larger containers, such as 20-foot or 40-foot refrigerated containers, to maintain freshness. The exact size and weight can depend on factors like the destination, type of packaging, and the specific agreements between buyers and sellers.



## Garlic

Egypt is considered the second largest garlic producing country in the world in terms of acre productivity. The area of the garlic crop in Egypt ranges annually from 60 to 70 thousand acres, and the general average of productivity is about 10 tons per acre. Most of the cultivated areas are concentrated in Minya, Beni Suef, Sharqiya, and Dakahlia, and the governorates of Minya and Beni are considered Beni Suef is one of the largest governorates in terms of cultivated area, with the cultivated area amounting to about 40% of the total area of garlic cultivated in Egypt.



the benefits of garlic To reduce inflammation in the body, including arthritis. Fighting various types of infectious diseases, including colds and colds. Support brain health and reduce the risk of Alzheimer's disease and dementia. Preventing various types of cancer, including lung cancer, prostate cancer, and brain cancer. [1:39 PM, 7/23/2024] Merna Ramadan: In general, garlic exports from Egypt gradually increase starting from January, when the first batches of fresh garlic appear on the market, and exports reach their peak in the period between March and April of each year.

In mid-spring, dry garlic also appears on the market and is exported until the end of the year, but the largest quantities of dry garlic are exported from the country in late April - early June.

Number of pallets: 20 pallets. Weight of one pallet: 1 ton. Weight of one container: 20 tons



## TOmatoes

the benefits of tomato maintain bone strength: Tomatoes contain a large amount of calcium and vitamin K, which are necessary to strengthen bones, increase their thickness, and prevent osteoporosis. Tomatoes are essential for heart health: This is due to tomatoes containing a high percentage of vitamin B and potassium, which are effective in lowering blood pressure and reducing harmful cholesterol in the blood.

Egypt's tomato exports, during the period from September 2019 to August 2020, witnessed an export value amounting to \$34 million, distributed over 136 thousand tons, according to the latest statistics issued by the Export Council for Agricultural Crops.



It is noteworthy that the latest reports issued by the Ministry of Agriculture, represented by the Vegetables Department of the Central Administration of Horticulture and Agricultural Crops, indicate that the production volume of the tomato crop in the summer season for a period of 4 months amounts to 3.1 million tons in areas of 207 thousand acres. Planting took place beginning in May and June, and harvesting occurred in July and August. Compared to 192 thousand acres in the corresponding season of last year, an increase of 15 thousand acres





## Capsicum the benefits of pepper

1. **Nutritional Value:** Pepper is rich in vitamins A, C, and K, as well as minerals like iron and calcium. It also contains dietary fiber, which aids in digestion.
2. **Antioxidant Properties:** Pepper is high in antioxidants, particularly black pepper, which contains piperine. Antioxidants help protect the body from free radicals and oxidative stress.
3. **Anti-inflammatory Effects:** Piperine in black pepper has been shown to have anti-inflammatory properties, which can help reduce inflammation and pain in the body.
4. **Improved Digestion:** Pepper stimulates the production of hydrochloric acid in the stomach, aiding in digestion and preventing issues like constipation, diarrhea, and bloating.
5. **Enhanced Nutrient Absorption:** Piperine can enhance the bioavailability of certain nutrients and compounds, helping the body absorb them more efficiently. This includes vitamins and minerals, as well as other beneficial plant compounds.
6. **Weight Loss Support:** Some studies suggest that piperine can help boost metabolism and fat burning, potentially aiding in weight loss efforts.
7. **Respiratory Relief:** Pepper has been used traditionally to relieve nasal congestion and sinusitis, as its spiciness can help clear nasal passages.
8. **Antibacterial Properties:** Pepper has natural antibacterial properties that can help fight off infections and bacteria.



### Size of Containers for Shipping Pepper:

1. **\*20-foot Containers:\*** These containers are commonly used for shipping smaller quantities of goods and have a volume of approximately 33 cubic meters.
2. **\*40-foot Containers:\*** For larger shipments, 40-foot containers are often used, offering around 67 cubic meters of space.
3. **\*Bulk Bags or Sacks:\*** Pepper is often packed in bulk bags or sacks, usually ranging from 25 to 50 kilograms each, and then loaded into containers







## spring onions

One of the benefits of green onions is that they are rich in vitamin K, which has an important role in blood clotting and reducing bleeding resulting from wounds or injuries.

Containers used in international shipping typically come in standard sizes:

1. 20-foot container: Approximately 20 feet long, 8 feet wide, and 8.5 feet high. This is often referred to as a TEU (Twenty-foot Equivalent Unit).

2. 40-foot container: Approximately 40 feet long, 8 feet wide, and 8.5 feet high. A common variant is the 40-foot high cube, which is 9.5 feet high. This is equivalent to 2 TEUs.







\*

## carrots

1. **Nutrient-Rich:** Carrots are an excellent source of vitamins, particularly vitamin A (in the form of beta-carotene), vitamin K, and vitamin C. They also contain important minerals like potassium and dietary fiber.
2. **Eye Health:** The high levels of beta-carotene in carrots are known to be beneficial for eye health, helping to maintain good vision and reduce the risk of age-related macular degeneration.
3. **Antioxidant Properties:** Carrots contain antioxidants, which help protect the body from damage by free radicals, potentially reducing the risk of certain chronic diseases.
4. **Digestive Health:** The fiber in carrots aids in digestion and can help prevent constipation.
5. **Immune System Support:** The vitamins and antioxidants in carrots support a healthy immune system.





## Container Size for Carrot Exports from Egypt:

The size of containers used for exporting carrots from Egypt can vary depending on the buyer's requirements and the type of transportation. Generally, carrots are shipped in standard containers of 20-foot or 40-foot sizes. The weight of carrots in these containers can range from around 18 to 25 metric tons, depending on packaging and density. Additionally, carrots may be packed in smaller boxes or bags within these containers for better handling and preservation.



## :sugar beet

is a plant whose root contains a high concentration of sucrose and which is grown commercially for sugar production. In plant breeding, it is known as the Altissima cultivar group of the common beet (*Beta vulgaris*).



1. **\*20-foot container:\*** This standard container has an internal capacity of about 33 cubic meters and can hold around 25,000 to 28,000 kg of cargo, depending on the density of the product.
2. **\*40-foot container:\*** This larger container has an internal capacity of about 67 cubic meters and can hold around 26,000 to 30,000 kg of cargo, again depending on the product's density.
3. **\*Refrigerated containers (reefers):\*** For fresh beets, refrigerated containers might be used to maintain quality during transport. These also come in 20-foot and 40-foot sizes, with similar internal capacities but are equipped with temperature control systems.



## Onions

Egypt is one of the first countries to export onions to the world at a rate of 10%

there are two types of exported onion from Egypt to other countries such as red and gold onion

For at least 7,000 years, onion has been planted , they are good sources of vitamin C,

vitamin B6, potassium and folate

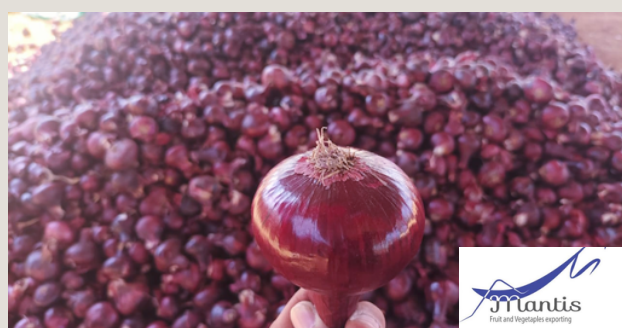
Packing

Mesh bags , wooden bins and Jumbo bags

container: 20 ft can have 25 ton

Season

from April to septaber





## Grapes

Egypt is one of the first countries to export grapes to the world at a rate of 8%

Grapes is available starting from May till Mid August

### Early Sweet Grapes Seedless

Is a large seedless berry with a creamy white color. The very high sugar level gives this grape a sweet flavor with a hint of muscat and an extremely high juice level. The early sweet also has a very good shelf life. Starting from week number 19 till week number 20

### Prime Seedless

Is an early white seedless grape.

The bunches are well filled out and the berries are round medium sized, sweet neutral and crunchy in which available only on week number 20

### Sugraone

has bright green, elongated berries, and a subtle sweet muscato flavour with a distinctive crunch.

The loose bunches; excellent eating quality and good shelf life have made this one of the world's most popular cultivars.

### Red Flame Seedless

Is sweet and red, with round berries, a distinctive mild sweet/tart flavor, crisp skin and firm juicy pulp.

Starting from week number 22 till week number 24.

### Crimson Seedless

Is a mid to late season red seedless cultivar. Crimson has a sweet neutral juicy flavour and elongated berries that are light red in color.

Particularly impressive is the crisp, firm texture of the berries and the cultivar has exceptional shelf-life.



Starting from week number 28 till week number 35.

### Autumn Royal Seeded

Is a midseason black seedless cultivar. The firm and generally seedless Autumn Royal berries are oval-shaped and about an inch long. Their black or purple-black skin has a whitish cast or bloom. Inside, the flesh is an attractive, translucent yellow-green. The berries are crunchy and eat very well.

Starting from week number 26 till week number 30.

### Red Globe

Red Globes are famous for their large berry size and excellent shelf life.

Sweet and crunchy, great for fresh eating and also in salads. Red Globe Grapes is the largest round red berries of all the red grapes grown.





## Sweet potatoes

Potato is a perennial herbaceous plant, but its cultivation is renewed annually, and latex is found in all parts of the plant.



Potato roots spread densely in the soil; It spreads about 45 days after planting to a distance of 60-90 cm sideways and 57 cm vertically, and its branching is good. An adult plant contains about 10 fleshy roots, and an approximately equal number of thinner roots. These roots grow horizontally and vertically for a distance of 120 cm, but the area where the density of the roots increases is within the range of 90 cm horizontally and 75 cm vertically

This...and the potato's adventitious roots. It comes from the body temperature that is below the surface of the soil when propagated by cuttings, and from any other part that comes into contact with moist soil. Initially estimated, it was no different in the fish as it aged. The body consists of the amount of body enlargement at the base of the body organs, and it compensates the body after towards the wedding celebrations. There are no eyes in the tuberous roots, but when planted, they consist of adventitious shoots, which grow as aerial growths, of which a leafy part is formed in the part below the soil surface.

Its external color varies between white, yellow, orange, red, maroon, and brown. The interior color also varies between white, yellow, orange, red, and red. The edible part is a large, swollen root with a sweet taste.

Sweet potatoes are nutritious, packing a good amount of vitamin A, vitamin C, and manganese into each serving. They also have anticancer properties and may promote immune function and other health benefits.

## barhi dates

### Benefits of barhi dates

Contains dietary fiber that reduces the risk of constipation and helps improve the digestive system

Helps maintain healthy skin and hair





A good source of energy for the body

Helps improve mood

One grain contains 45 calorie

The size of containers used for shipping Barhi dates can vary depending on the packaging and the shipping method. Typically, Barhi dates are packed in cartons, which are then placed in larger containers for shipping. The most common container sizes are:

1. \*Standard Shipping Containers:\*

- \*20-foot container:\* Can carry around 18-20 metric tons of dates, depending on the packaging and weight limits.

- \*40-foot container:\* Can carry approximately 36-40 metric tons.

2. \*Carton Sizes:\*

- Barhi dates are often packed in 5 kg, 10 kg, or 15 kg cartons for distribution. The number of cartons per container will depend on the size of the cartons and the container's capacity

### cabbage and lettuce

are good sources of nutrients including vitamins C and K, folate, and potassium

Here are the typical container sizes:

1. \*20-foot refrigerated container\*: This container can hold around 8,000–10,000 kg of cabbage or lettuce, depending on packing efficiency.

2. \*40-foot refrigerated container\*: This larger container can carry approximately 16,000–20,000 kg of cabbage or lettuce.



### Butternut squash

is high in potassium, which can help keep your blood pressure in check. Managing your blood pressure can reduce your risk for stroke and heart disease. Its fiber helps with blood sugar

The weight is 400-900 gm per one butter nut squash

Italians are the ones who use this product the most because they make special soups from it



## Watermelon:

1. Hydration: Watermelon is composed of about 90% water, making it excellent for hydration.
2. Nutrients: It is rich in vitamins A, C, and B6, as well as antioxidants like lycopene.
3. Heart Health: The lycopene in watermelon can help lower cholesterol and blood pressure, contributing to heart health.
4. Digestive Health: Watermelon contains dietary fiber, which aids in digestion.
5. Low Calorie: It's low in calories, making it a healthy snack option.
6. Anti-inflammatory: Watermelon has compounds like lycopene and vitamin C, which have anti-inflammatory properties.
7. Muscle Soreness Relief: The amino acid citrulline in watermelon may help reduce muscle soreness.

### \*Container Size for Transporting Watermelon:\*

Common container sizes are:

1. \*20-foot Container\*: Holds approximately 10-12 metric tons of watermelon.
2. \*40-foot Container\*: Holds approximately 20-24 metric tons of watermelon.





## pomegranates

Fresh pomegranates is available starting from September till December  
Pomegranate fruit is a rich source of natural antioxidants, it has wide applications in food and pharmaceutical industry. Pomegranate fruit has wide applications such as in flavouring and colouring, healthcare and cosmetic products

Grade: Class I.

Sizes: Medium Sizes 8~7 pieces per 1 KG.

Varieties: Wonderful, Manfaluti, Baladi, Early 11



## Strawberry

Egypt is one of the first countries to export strawberries to the world at a rate of 15%

Strawberry is available starting from Mid November till February

Fortuna Variety

This variety characterized by; highly productivity and excellent taste. It has a very good uniform well shaped together with bright red & glossy quality attribute.

Grade: Class I, Shipping: Air Shipment, MOQ: 1

Ton

[Packing] ,{High Punnet }

[4.50 Kg N.W Carton ],{20 punnet X 225 Gr. }

[4.80kg N.W],[12 punnet X 400 Gr}

