



ESHET EILON'S COMPETITIVE EDGE PRESENTED TO HUNDREDS OF VISITORS IN AGRITECH 2018

Eshet Eilon's greatest accomplishment in the exciting event was signing on two new distribution agreements - for China and India.

Hundreds of agriculture professionals visited our booth, and watched our latest technologies, including:

- Near Infra-Red (NIR) - a unique technology for measuring the internal condition of fruits, including avocado, mango, apples, grapes, tomato and onion
- A Green technology for steam disinfection of various products, including eggs, chicken and fruits & vegetables
- Tailored solutions for sorting and grading of agricultural produce - using innovative optical and mechanical devices





OUR SPECIAL MISSION IN INDIA

Eshet Eilon's executives visited India for 7-days training of local agriculture professionals.

The mission was organized by the The Israeli Ministry of Foreign Affairs, and took place in Rajasthan, Punjab and Haryana.

Its focus was advanced post-harvest technologies for sorting and grading of fruits and vegetables.

Mr. Menashe Tamir, CEO of Eshet Eilon, instructed local experts on Israeli best practices for treating melons, mangos, guavas, pomegranates, citrus and various vegetables.

ESHET EILON ON AN AGRICULTURE ROADSHOW IN CHINA

These days China is working on a comprehensive review of its food safety and agricultural standards. The new standards are expected to increase the demand for advanced sorting and grading solutions.

ESHET EILON is currently expanding its activity in the huge country – and participates in an Agriculture Roadshow, in Anhui, Sichuan and Ningxia. The goal: to promote business opportunities in the provincial and municipal levels.

Agriculture is a vital industry in China, employing over 300 million people.

Although accounting for only 10% of arable land worldwide, it produces food for 20% of the world's population.

China is ranked first in the production of many fruits and vegetables, including potatoes and tomatoes.

In the photo: Eshet Eilon's executive, Mr. Amnon Tamir, is lecturing on Eshet Eilon's sorting and grading technology.



NEW WEBSITE
launched in May 2018



eshet.co.il

ESHET EILON'S TECHNOLOGIES WERE PRESENTED TO FILIPINO AGRICULTURE SPECIALISTS

Eshet Eilon presented its unique technological solutions for fruit and vegetables growers in the Agri Forum Event in Manila, Philippines. The Agri Forum is organized by the Israeli Chamber of Commerce of the Philippines (ICCP) and the Embassy of Israel in Manila.

The event promotes the advancements of Israel in the field of Agriculture. It gives the Philippines a glimpse of what they can expect to see during Agritech exhibition in Israel (May 2018).

The CEO of Eshet Eilon, Mr. Menashe Tamir, was

one of the speakers in the Manila event, and lectured on the know-how and expertise of Eshet Eilon in post-harvest sorting technologies.

The participants of the event were agribusiness owners, farmers, government representatives, NGO, farming cooperatives, investment and finance institutions, brokers, agri dealers, importers and exporters.

Agriculture plays a significant role in the Philippine economy. Involving about 40% of Filipino workers, it contributes an average of 20% to the Gross Domestic Product of the country.





DO AND DON'T DO LIST – FOR PACKHOUSE PROFESSIONALS

Whether you are a farmer with small-scale operations, or you have a big packhouse - packing is a major part of the postharvest.

The experts of the University of California outlined best practices for packing and packaging:

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| ✓ Use sturdy packages capable of enduring handling, cooling and storage conditions (high humidity environments) | ✗ Use very large packages. The larger the container, the more likely the produce will suffer damage during handling |
| ✓ Reinforce packages used for heavy produce with corner supports or folded dividers | ✗ Overload packages or allow produce to bulge over the sides |
| ✓ Packages should be vented about 5% of the surface area per side | ✗ Pack the produce too tightly or too loosely |
| ✓ Consider using packaging materials, such as trays, cups, wraps, liners, and pads, to help immobilize and protect produce | ✗ Block the ventilation holes of packages with fillers or liners |
| ✓ Label containers with your logo or farm name for enhanced marketing | |



DO YOUR PRODUCTS FIT THE INTERNATIONAL STANDARDS?

The OECD has defined quality standards for fruits and vegetables in the market. The purpose of these standards is to establish uniformity in the examination of the quality of agricultural products. The OECD published a special brochure for each product, defining the quality requirements that are checked by export control.

For example, apples are classified into 3 groups of quality – Extra Class, Class I and Class II. Different aspects are taken into consideration when determining the apple's class - such aspects include color, skin defects, traces of russet and more. The brochure also defines the minimum requirements for apples designated for export, such as – no unhealed cracks or injuries, no rotting, no bitter pit, no brown core, etc. Use ESHET EILON optic system in order to pre-scan your products and avoid sending bad products into inspection. Our system will not pack products with external defects or products with inappropriate color. We save you time and money while sending away products with the highest possible quality.

WHAT HAPPENED TO MY PINEAPPLE?

Pineapple, the exotic and delicate fruit we all know and love, is exposed to many dangers while growing, being harvest and even during post-harvest procedures.

Among the damages pineapples can get along the way are –



- injuries caused by pests - whitegrubs and peanut scarabs are soil pests that go out of the ground after the first summer rains. They feed on fruits such as pineapples, causing the fruit to go bad.
- chilling injury caused by exposing pineapples to temperatures below 7°C
- damages caused by mishandling this delicate fruit, causing it bruises

One of the methods for avoiding these damages is to handle pineapples carefully in order to minimize injuries.

Eshet Eilon's technology for grading and sorting pineapples is customized especially for working with pineapples – making sure your pineapple doesn't get damaged! Eshet Eilon's technology will also scan your fruits and sort out the ones that got damaged by pests or freezing injuries. With our advanced technology you'll send only the best pineapples to the market.

HOW CAN YOU KNOW THAT YOUR PACKHOUSE IS PROVIDING YOU THE BEST VALUE?

Different agricultural products go a long way from the moment they are ripe and all the way to our plates.

1. Using special technology in order to make sure your products will have the best possible quality while investing minimum man hours. From receiving the product at the factory, grading it with advanced technology – by size, color, external defect and even internal content, all the way to packing.



2. Grading each product by the parameters that were defined by the customer in advance. The company also have treatment lines that take care of the product that were picked for shipping and marketing – washing it, waxing it and even packing the product.

3. Using NIR (Near Infrared) in order to detect internal defects of the products. NIR using special wave length that go through the product without causing it any damage. The system measures the waves that return to the system from the product and can determine its' internal content.

4. Having a system that is adjustable and can handle many different types of products by using different types of measuring cups

5. Defining in advance the system's settings in order to get the best products. Each product has different parameters that are custom-made for this product. For example - while grading and sorting pineapples, the crown-shaped leaves are taken into consideration along with the rest of the parameters.

Eshet Eilon has the system that takes care of every need you'll have, especially the ones above. Get your best product fast on the market by using this system.

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