

Good for the Environment.
Good for Business.



ABOUT US

Tal-Ya Agriculture Solutions' revolutionary product presents a dramatic opportunity for the agriculture industry worldwide. Tal-Ya manufactures a unique, patented polypropylene tray that covers the plant's root system, directing water and fertilizer directly to the root, while protecting the earth around the root from weeds and extreme temperatures. The trays are easy to use and bring tremendous added value to farmers, dramatically increasing crop yield, and enabling farmers to harvest more from each tree, faster.

Additionally, use of Tal-Ya trays has been proven in research and in the field to bring a savings of at least 50% in water, 30% in fertilizer use, and an alternative to herbicide (weed-killer).

The trays are fully compatible with drip irrigation and other types of irrigation, as well as making optimal use of rainwater and dew.

Tal-Ya's product is already serving farms throughout the world. The farmer's investment in the product is typically returned within a season through water and fertilizer savings, as well as increased crop yield.

GOOD FOR BUSINESS

Tal-Ya trays have undergone extensive trials, done by Israel's leading agricultural researchers. The trays allow every farmer to get more from every acre, with less:

- ▶ Significantly larger yield from every tree (often over 50% more yield).
- ▶ Faster time to market: trees using Tal-Ya trays begin to bring yield much faster (a season sooner than control groups in most cases). In addition, each season trees with Tal-Ya trays harvest sooner, allowing the grower to go to market sooner and reap more profit.
- ▶ Protection of crops: As the trays protect the root from extreme cold and hot temperatures, fewer crops are lost, protecting the farmer's investment.
- ▶ At least 50% reduction in the quantity of irrigation water needed (in comparison to drip irrigation; when compared to sprinkler irrigation the savings is even higher).
- ▶ At least 30% reduction in the quantity of fertilizer needed.
- ▶ The tray prevents weed growth, saving on herbicide costs. For organic farmers the savings is greater, as the trays replace cost of workers for weed control.

The Tal-Ya Difference

3 YEAR OLD LEMON TREE WITHOUT TAL-YA TRAY



3 YEAR OLD LEMON TREE WITH TAL-YA TRAY



GOOD FOR THE ENVIRONMENT

Tal-Ya trays are environmentally friendly, reusable for up to ten years and 100% recyclable, removing the need for disposable plastic mulch and its associated labor and pollution. The significant reduction in the need for water, fertilizer and herbicide make for a dramatically smaller environmental footprint on every acre using Tal-Ya trays. Reduced use of herbicide is also associated with health benefits, enabling farmers to bring less treated produce to customers.

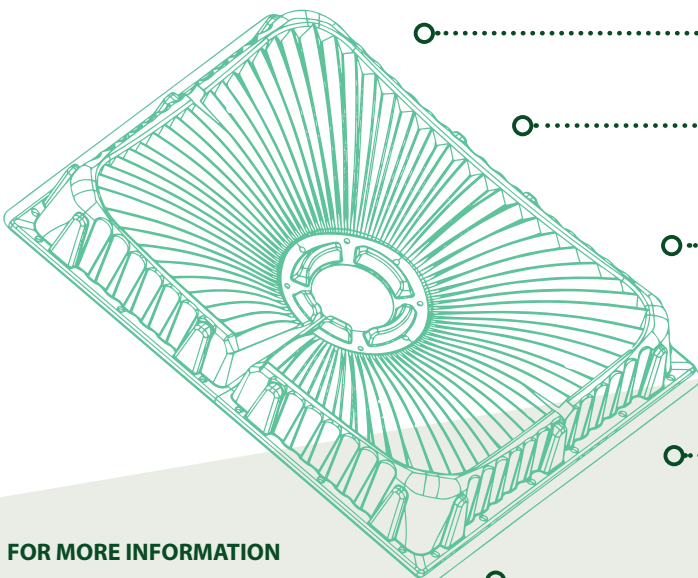
MANUFACTURING AND SUPPLY

Tal-Ya trays are in use by farmers all over the world: U.S., China, Chile, Georgia, Sri Lanka and Israel. The size of the tray currently in production is 72 X 55 cm, and is relevant for a wide variety of crops including all citrus trees, grapes, avocado, olive and more. Additional sizes of trays will be available during 2014.

3 subcontracting factories operate in Israel. Sample and commercial quantity pricelists are available.



TAL-YA TRAYS - HOW THEY WORK



- Water (irrigation water, rainwater or dew) slides down the ridges directly to the root.
- Water evaporated from the earth under the tray also makes its way back to the plant instead of evaporating into the air.
- The area beneath the tray is not exposed to sunlight, preventing weed growth.
- The earth under the tray is protected from extreme temperatures, preventing loss of crops, and is very high quality soil.
- The opening in the tray makes for simple placement and removal and allows excess water to exit the tray.
- Trays can accompany trees from planting throughout the life of the tree, and are 100% recyclable.

**FOR MORE INFORMATION
AND PRICELISTS CONTACT US AT:**

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