



# Tal-Ya User Guideline

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## I. Introduction

The Tal-Ya tray size currently in production is 72 X 55 cm, and is relevant for a wide variety of small or young trees including all citrus trees, grapes, avocado, olive, pomegranate and more.

The trays can be used for up to 10 years, and are 100% recyclable.

The Tal-Ya tray should be put in place after the young tree has been planted (this can be immediately after planting, but not necessarily).

## II. Installation Instructions

- Till and level the soil in the area in which you intend to plant.
- Uproot any existing wild weeds from the soil.
- Insert the tray through the slit opening, until the trunk of the tree is in the center.
- Cover the flat border edge of the tray with soil from all sides to secure the positioning of the tray. Press the soil well to make sure the tray is securely positioned. Leave the remainder of the tray above the soil to enable free flow of water and fertilizer.
- Make sure the two edges of the opening slid lay one on top of the other to prevent sunlight from penetrating the soil below the slit (to prevent weed growth in the slit).
- In the case of organically grown trees, add slow release manure before placing the tray.
- For use with drip irrigation hoses (trickle lines), it is recommended to place them above the tray. If they are placed underneath, make sure no light reaches the soil at their entrance and exit points.
- Place covers in a straight line in the field to easily allow tractors, etc. to pass through.

### III. Maintenance Guideline

- Make sure the opening on the drip irrigation hose (if used) irrigates only on the tray, to prevent weed growth around the tray.
- Do not spray weed control (herbicide) on the surface of the tray or underneath it.
- When the trunk diameter reach the border of the center opening, it is possible to cut the plastic in a circular way to allow further trunk enlargement.
- Beware of excess fertilization.
- Don't over-irrigate, remember that trees using Tal-Ya trays require 50% less water. Adjust irrigation to the soil type and it's water holding capacity.
- It is recommended to use a soil tensiometer and water suction to measure the nitrate in the soil solution at a depth of 10cm.
- There is no need to remove leaves from the tray's surface, they do not prevent the water and fertilizer from getting through, and provide additional temperature control.
- With the end of use, store the trays, after they are cleaned, stacked one on top of the other. It is possible to store trays for long periods and reuse, preferably on palettes.

For any questions or further support please contact Tal-Ya at [info@tal-ya.com](mailto:info@tal-ya.com) and we will provide assistance, or put you in touch with one of our team of agronomists.

## Appendix – photos



*Tal-Ya tray before placement*



*Uproot any weeds, then till the soil around the tree.*



*Line up the field in a straight line to make sure tractors can get through.*



*Cover the border around the tray with soil, press down. Place drip irrigation hose on top of tray.*