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Data Sheet



Tobacco Float System Kit (Art. N° 33608)

The float system is a very effective method to get optimal tobacco seedlings. The seedlings get their nutrients from a liquid fertilizer specially harmonized for tobacco. You get uniformly growing and robust seedlings. The fine roots cannot be damaged when you plant them out into the garden or onto the field. The kit contains everything you need for a professional float system, dark air cured and Virginia tobacco included.

Content of the kit

1. Box for 95 seedlings: a box with transparent top cover and seedling plate.

2. MONO I liquid fertilizer for tobacco seedlings sufficient for 22 US-gallons (100 l) nutrient solution. Contains all nutrients, minerals and trace elements for young tobacco plants.

3. MONO II substrate soil for tobacco float systems (5 l or 1.2 US-gallons). This special soil

for tobacco float systems is permeable to air and has rich nutrients.

4. pH test sticks

Six test sticks for simple analysis of the soil acidity in your garden.

5. Tobacco seeds Virginia-Helena, a filler for cigarette and pipe blends, and Geudertheimer, a very resistant dark air cured sort from Germany.

Usage

1. Fill all cases of the seedling plate except for one up to three quarters with the substrate soil. Press the soil into the cases so that it fills slightly more than the half of each case finally.

2. Take the plate away and fill the box with liquid fertilizer. Therefore you have to dilute 3 screw caps full of MONO I concentrate with 3 l (0.66 US-gallons) soft water. If you have hard water (high calcium carbonate), you should mix it with rain water to avoid nutrient precipitation.

3. Put the plate into the filled box and wait until the soil has absorbed the water. The water has to rise up to 1 cm (0.4 inches) into the free case, otherwise fill up to this level.

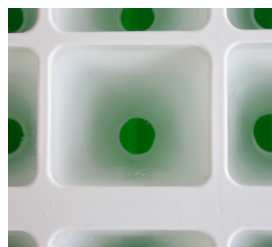
4. Place the tobacco seeds separately into the center of every filled case. For this, spread the little seeds on a dish and tip a single seed with the finger to place it on the soil.

5. The first two weeks the seedlings breeds best on 21-25°C or 70-77°F. You may use the cover to get a small greenhouse. If the sun is shining please be sure that the box doesn't get too warm.

6. Check the level of the water every day and fill it up with diluted MONO I in the free box case if necessary. After 2-3 weeks you should pour half of the water and replace it with new fertilizer (see step 2). Repeat this step every 2-3 weeks.

The seedlings are ready to plant out, when they reached 8-10 cm (3-4 inches) in height. Drag the seedlings carefully out of the cases in a way that the roots are not damaged. Plant them into the garden or into big pots immediately. For this, press a hole into the soil and water slightly. Put the seedling into the hole, fill with soil and water. If you still have MONO I, you may use it.

Case of the seedling plate with hole



Case filled with substrate soil

