



Easy by Nature



# ORGANIC GROWING MANUAL





**BIO**  
**TABS.EU**  
ORGANIC GROWING



## What is organic growing?

Organic growers only use potting soil, fertilizer and pesticides made up of an organic composition. Products of organic composition are exclusively derived from vegetable or animal origin.



14 september 2014:  
BioTabs wins the award

**BEST FERTILIZER**

ExpoGrow  
Gardening Fair  
Irun, Spain



**SYMBIOTIC FUNGI**



**BENEFICAL BACTERIA**



**RICH HUMUS**



“The BioTabs organic growing & flowering method”

is crafted from an exceptionally wide and unique combination of rich humus, beneficial bacteria and symbiotic fungi, delivering an abundant harvest of extraordinary smoothness, remarkable sweetness and depth.

SOIL  
OR  
COCO

CULTIVATION USER MANUAL FOR GROWING IN CONTAINERS for cuttings or seedlings (young plants produced from seeds)  
For organic growing in soil. Use a potting soil containing few or no nutrients. For example a light mix. A potting soil containing fertiliser can be used when no light mix is available. Opt then for a potting soil that has barely been fertilised. Preferably organic compost, of course.

# BioTabs for Organic Growing in Containers



## HOW TO USE?



### PREPARATION

#### 1 Add

to the potting soil two eatspoons (25 grams) of **STARTREX** per 5 litre of potting soil.

Add 3 level teaspoons (3 grams) of

**MYCOTREX** per cutting or seedling.

Mix everything very well.

#### 2 Make

a planting hole.

Spread 2 level teaspoons (2 grams) of **MYCOTREX** in the planting hole.

#### 3 Plant

your cutting or seedling

Use **1 BIOTABS\*** for a 5 litre container,

**2 BIOTABS** for a 10 litre,

**3 BIOTABS** for a 20 litre and

**5 BIOTABS** for a 50 litre container.

Push the BioTabs 5 cm deep into the potting soil.

#### 4 Soak

the pot with a solution of 1 level teaspoon (1 gram) of **BACTREX** and 5 ML of **ORGATREX** per litre of water.

### WEEK 1 till WEEK 4

Give tap water only.

NO NEED TO MEASURE THE PH AND CONDUCTIVITY (EC)

### WEEK 5

Dilute 20 ml of **ORGATREX**, and one level teaspoon (1 gram) of **BACTREX** in 500 ML of water.

Use 500 ML of this solution per plant, one time only.

### WEEK 6 till HARVEST

Give tap water only.

NO NEED TO MEASURE THE PH AND CONDUCTIVITY (EC)

If, at any moment you feel that your plants could use some more fertiliser, use a solution of 5 ml **ORGATREX** and 1 gram of **BACTREX** per litre of water.

For more detailed instructions: [www.biotabs.eu](http://www.biotabs.eu)



COCO OR SOIL



NO NEED TO MEASURE THE PH AND CONDUCTIVITY (EC)



teaspoon & tablespoon

## HOW MANY TABS?

How many Tabs to use for the size of your pot?



\* BioTabs is an organic time release fertiliser.

# Growing tips for AutoPot:

Step 2



In each pot create a planting hole large enough for the root ball to be sufficiently buried in the pot.

Step 3



Plant your cutting or seedling. Ensure that your plant has been established and has a good size root mass before planting into the pots.... Once the BioTabs have been pushed into the pots clean the bottom and side to remove any substrate and place in the AutoPot trays.

Week 1



Once the pots have been watered through there is no need to turn the system on... Let the plants establish in the pots for 7 days .... Make the plant work for the water previously poured in the pots.....this will create a stronger root system. If you think your plants need additional water within the first 7 days use a solution of 2ml ORGATREX per litre of water.

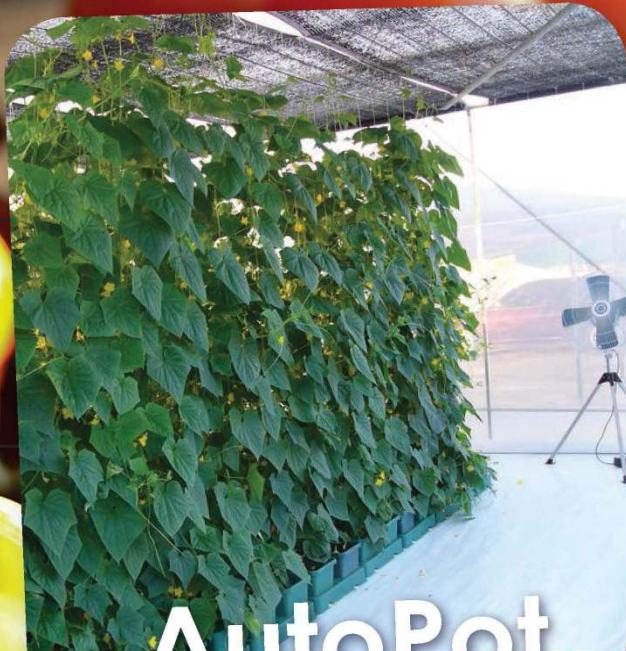
Week 2



Fill your tank with tap water only. **Never add anything to the tap water in the tank/reservoir.** Only water is required.... All the food for the plant is supplied by the BioTabs buried in each pot.

## TIP:

If you want to reuse your potting soil or coco peat, remember to shut off the water supply to your pots two days before you intend harvesting. Your plants will then begin to dry out the pots a little. It's preferable to plant your new cuttings or seedlings in a drier pot.



# AutoPot

AutoPot is a 100% automatic watering system, there is no loss of water. No pumps, timers or power are required. Simple gravity pressure from a tank/reservoir is all that's required to supply the water to the systems.

Extensive tests have shown that Autopot and BioTabs combine perfectly. 4 pots or 400 pots.... all that's required is to fill up the tank of the AutoPot system with tap water!!

## FOR THE EXPERIENCED GROWER

You can keep the root system in the autopots 'active' by shutting off the water supply to the pots for a day once in a while. Strictly speaking, however, this not necessary. The AutoPot system functions perfectly if the water supply is on constantly from week 2 onward. Experienced growers might want to increase the amount of oxygen to the roots, however, by 'playing' with the water supply.

Warning: Do not forget to turn the water supply back on!



## AIRDOMES



A much safer method for increasing the oxygen content to the roots is the use of air domes. By means of an air pump and an 'air dome' the roots in every AutoPot are supplied with a constant flow of oxygen during the daytime hours.



This will greatly increase the yield! Experience has taught us that an increase of up to 30% is definitely feasible.

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SOIL  
OR  
COCO

Below are some suggestions of substrates mixes when using BioTabs with any of the AutoPot products.

50% Coco - 50% Clay Pebbles

50% Coco - 50% Perlite

50% Soll - 50% Clay Pebbles

50% Soll - 50% Perlite

Use one of these mixes.

BIOTABS  AUTOPOT

How To Use?

1



Preparation

2



3



4



Week 1



Autopot  
Tank:  
Tapwater  
Only!

Week 2



Week 5

Harvest Time !!!!

1 Add:

**STARTREX:**

8,5 litre pot:  
2 tablespoons  
(25 grams)

15 litre pot:  
4 tablespoons  
(50 grams)

25 litre pot:  
6 tablespoons  
(75 grams)

**MYCOTREX:**

8,5 litre pot: 3 level  
teaspoons (3 grams)

15 litre pot: 3 level  
teaspoons (3 grams)

25 litre pot: 3 level  
teaspoons (3 grams)

Mix everything  
very well.

2 Make:

a planting hole.  
Spread the following  
in each hole:

**MYCOTREX:**

8,5 litre pot: 2 level  
teaspoons (2 grams)

15 litre pot: 2 level  
teaspoons (2 grams)

25 litre pots: 2 level  
teaspoons (2 grams)

3 Plant:

your cutting or seedling.

8,5 litre pot: Push  
**2 BIOTABS** +  
10 cm deep into the  
potting soil or coco mix

15 litre pot: Push  
**2 BIOTABS**  
10 cm deep into the  
potting soil or coco mix

25 litre pot: Push  
**3 BIOTABS**  
20 cm deep into the  
potting soil or coco  
mix

4 Soak:

the pots with a  
solution of 5ml of  
**ORGATREX**

and  
one level teaspoon  
(1gram) of  
**BACTREX**  
per litre of water.

DO NOT TURN  
YOUR SYSTEM ON  
FOR 7 DAYS.

**ORGATREX:**

2ml per litre of tap  
water every time  
you water your  
plants, if needed.

DO NOT TURN  
YOUR SYSTEM ON  
FOR 7 DAYS.

Fill:

your tank with  
tap water only.

Connect your tank/  
reservoir to your  
AutoPot system.

Dilute:

**ORGATREX,**  
20 ml and

**BACTREX,**  
1 level teaspoon  
in 1 PINT (500ML)  
of tap water.

PER Pot:  
1 PINT of this solution  
one time only!

DON'T pour this  
solution  
in your tank

If, at any moment  
you feel that your  
plants could use  
some more fertiliser,  
use a solution of 5  
ml ORGATREX and 1  
gram of BACTREX  
per litre of water.

For tomato,  
cucumber, bell peper  
and eggplant  
growers:  
after 8 weeks add  
1 BioTab per pot.  
Push into soil/coco  
mix 10 cm deep.

**PLEASE NOTE:**

THERE IS  
NO NEED TO  
MEASURE THE pH  
& CONDUCTIVITY  
(Ec) OF THE  
SOLUTION AT ANY  
TIME WHILE YOU  
ARE GROWING.

manual for  
organic growing  
in AutoPot



teaspoon & tablespoon



\* BioTabs is an organic time release fertiliser.



1

Remove the stem, leave the roots. Scratch off the first 5 cm of the soil and dispose of it.



3

Make a new planting hole. Remove the upper part of the roots if necessary.



5

Push new **BioTabs** 5 cm deep into the potting compost. Use the same number of tabs that you used in the previous cultivation.



2

Add a new top layer:

- Mix 2 eat spoons (25 grams) of **STARTREX** per pot with the new potting soil
- Mix 3 level teaspoons (3 grams) of **MYCOTREX** per pot with the new potting compost. Use this mix as a new top layer.



4

Spread in this hole 2 level teaspoons (2 grams) of **MYCOTREX**.



6

Soak the pot with a solution of 1 level teaspoon (1 gram) of **BACTREX** per litre of water. Use very little water during the first week. Make the plant work for the water previously poured in the pot. This will create a stronger root system.

When using products in the **BIOTABS** range, there is no need to throw the potting soil or coco away after a single use. It can be reused up to 4 times. Adding our moulds and bacteria improves the existing soil life and therefore routinely the quality of the potting soil or coco.

## REUSING THE POTTING SOIL OR COCO

For container and AutoPot growers.

# ORGANIC GROWING

The basis of organic growing is a healthy soil, full of soil life. Soil life consists of bacteria and fungi. The bacteria (**BACTREX**) convert the organic material in the soil into nutrients. Nutrients are the food that plants need to grow. The fungi (**MYCOTREX**) ensure that the plant roots are better able to absorb the nutrients. Our revolutionary organic growing method is based on the use of beneficial soil fungi and bacteria. Adding large quantities of these fungi and bacteria to your potting soil or coco results in a spectacular improvement to soil life. With better soil life, your plants gain better immunity against diseases and pests and they can use all their energy for exuberant growth and flowering.

## DON'T PANIC...IT'S ORGANIC

Sometimes, especially during the first few weeks, your plants may have a yellow leaf or a leaf with some brown spots. The **BACTREX** bacteria sometimes need a week or so to get comfortable in their new environment, depending on the conditions. It may take a little while for the conversion process from organic material into nutrients to start happening smoothly. This then results in an occasional yellow leaf or a spot. Because of our many years of experience we can tell you: do not panic. This has no negative effect, especially on fast-growing plants. You'll be amazed with the end result: an abundant harvest with a fantastic scent and flavour.

## TEMPERATURE IN THE (AUTO)POT

For indoor growers the ideal daytime temperature is between 25 °C (77°F) and 30 °C (86°F). The ideal night-time temperature is 22 °C (72°F). Sometimes, especially in the winter, the night and sometime also the daytime temperature might get too cold. The temperature in the containers or the autopots will then drop to below 15 °C (59°F). During cold periods the soil's nitrogen supply may be temporarily diminished because soil microbes are less active at lower temperatures. In general, soil will have less available nitrogen when it is cold and wet. Your plants will lack nitrogen and turn yellow. Prevent this by keeping an eye on the temperature in the pot.



## GROWING TIPS

## BACTREX

If your plants don't look so well some time, you can use the **BACTREX** bacteria. Give your plants a solution of 1 level teaspoon (1 gram) of **BACTREX** per litre of water. Even if your plants look healthy, it is a good idea to pamper them with a bit of extra **BACTREX** once in a while. Never do this more than once every 2 weeks.

## MEASURE Ph AND EC?

When you grow organic, you never need to measure the Ec and Ph of the supply water. The **BACTREX** bacteria and the **MYCOTREX** mycorrhiza fungi will ensure that the nutrients are always absorbable by the plant roots.

**BIO**  
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BIOTABS is for sale at:

**Quality and guarantee**

BioTabs.eu BV specializes in isolating and preserving beneficial bacteria and fungi in a proven and exact manner, so that their efficacy remains intact. We have managed to grow pure mycorrhiza spores and to dry it out while maintaining germination. The bacteria and fungi are alive. We have placed them in a dormant state. Once they come in contact with water they wake up and begin to multiply. We can guarantee our products for a period of 3 years. As BIOTABS.EU BV cannot verify the conditions of use, application or storage, the purchaser is entirely responsible for results and/or damage which may arise from the use of our products. Keep cool and dry. Keep out of reach of children.



Not suitable for consumption.

Manufactured and Guaranteed by:  
 BioTabs.eu BV, Hollandersstraat 22-1, 2517HK Den Haag, Holland  
 Tel 0031 70 2128938 info@biotabs.eu



**STARTREX**  
 Soil improver and organic fertiliser with a high soil bacteria content. To get growth off to a spectacular start



**MYCOTREX**  
 Blend of nine species of mycorrhiza spores for 700% more root volume



**BACTREX**  
 Organic soil bacteria for the root system area. Converts organic matter into HUMUS, contains mould of the genus Trichoderma



**GROWTABS**  
 Organic slow release fertiliser tablets



**ORGATREX**  
 Organic liquid fertiliser.  
**The organic BOOSTER.**



**Guerrilla Box**  
 The Guerrilla Box will get the most out of your plants, organically of course. The Guerrilla tabs and Juice combined will harness the richness of the soil provided by Nature itself.  
 The Guerrilla Box is used for guerrilla outdoor growing.

For detailed information: [WWW.BIOTABS.EU](http://WWW.BIOTABS.EU)



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