

Preparation & Equipment

Selecting seeds

Buy feminised seeds from plants that don't get too big, indicas have an advantage. I can recommend www.Samenwahl.com as a source.

If you don't know what you want to plant, you can look for a certain variety in the seed database and sort by effect and many more: <http://seedfinder.eu>

Fertilizer & PH-Down

As a fertilizer I recommend you to add a mineral All-In-One fertilizer to the water: Hy-Pro Terra 500ml. Hy-Pro also has a liquid PH-down, you need a PH-down to lower the PH of your tap water (is 7) because the plant can only process the nutrients properly at 5.5-6PH. Rainwater would also be suitable as the PH value is lower from the house.

PH meter

Buy a PH meter to check your water for 10€ and you will get a good value (yellow meter).

Growing and potting soil

You need two kinds of soils, one is a cultivating/herbal soil which is not so heavily fertilized for the beginning and the other one is potting soil for the further development. I recommend Compo Sana quality soil from the hardware store, you have a good price/performance ratio.

Jars

In order to preserve your harvest later on, you will need preserving jars, which are well sealed. I recommend 1-2 pieces with 1 litre capacity.

Flowerpot with saucer

Here, cheap plant pots with coasters from the DIY store are enough. It is important that the pot has holes at the bottom so that the water can get out. After all, water is always poured down to the bottom so that the fertiliser does not deposit. Get yourself three different sizes, a very small one for the cultivation (large diameter of your fist), a medium one (two fists diameter) and a big one (three fists diameter).

Ikea 365+ Reservoir 2.3 litres

We need the container as a water tank, if you have something similar at home and it fits into the box you can also take it. The advantage of the container is that you can make a mark at 2 liters. Then you only have to add water up to the mark Hy-Pro Terra (10ml) and adjust the pH value.

Germination process

Duration: 2-6 days

For germination you need two small plates, two handkerchiefs, the seed and cling film. Now take a plate and put a handkerchief on it, moisten it well in front of it and then put the seed on it. The second handkerchief is also well moistened and put over it and a little bit pressed on. Then cover the whole thing with cling film so that the moisture cannot escape. Now you take the second plate and put it on top of it so there's no light coming in. Give the seed three days to germinate, then the rind opens and a small, fine root emerges.



Pot seeds

If your seeds are germinated, you can take a small flower bowl and fill it with cultivated soil, fill the bowl with about 75 %. Then take the germinated seed with a pair of tweezers and place it in the middle with the root pointing downwards, then add one to two centimetres of soil and add it to the ground and water it well with normal water, preferably with a spoon or directly with the watering system.

For the casting system, please proceed slowly, e. g. with a casting time of 1000 milliseconds and a waiting time of 200 seconds. The repetitions can be done at the beginning in two places depending on how big your pot is, your soil moisture reaches a value of about 500 the soil is wet and from 360-400 about the soil is dry again and you have to water again. You can see this best if the curve of the earth's moisture does not go down anymore but only sideways.



Put the pot in the middle of the box, because the white lights are important for the vegetation phase, you can also put them underneath so that the plant is closer to the light. If you have installed a switch, you can turn off the warm white lights. With the lighting I advise you to

have 20 hours of lighting and 4 hours rest I turn off my lights at 12 o' clock on and at 8 o' clock in the morning. You can now set the counter to the flower by clicking on it.

Now the seed can unfold and your plant can grow, make sure you don't water too much and stick to the sensor. Sometimes less is more.

Growing season

Duration: approx. 2 weeks

The first vegetation phase is about 2 weeks, which means that the plant grows up. The best values are humidity at least 40% and the temperature at least 22 degrees Celsius. If you get too dry air, take a glass or bowl with a cloth in it and fill it with water, the cloth should stick out and put on the water.

At the beginning a plant grows quite fast and after two or three days you can fill up a little soil until the pot is completely filled.

Also, raise the pot a little higher at the beginning so that the plant gets enough light. If you take fruit flies, take a small glass of vodka glass, fill it with 50% water, 50% wine vinegar and a drop of water, then you have a good flytrap.

Repot the plant

Duration: 7 days

Now look out of the pot and the first pair of leaves has formed (not the germination leaves) it is time to plant in the medium-sized pot and change the soil to the potting soil or add fertiliser via the water. If the soil is dry when repotting, it will be easier.

Take the medium-sized pot and fill it up to 30 % with the potting soil, then take the old pot and bend it a little bit on the sides so that you can get the plant out. Shake the soil around the plant as much as you can, but the plant does not exist. Now place the plant in your new pot and fill it with potting soil.

If the potting action is successful, you can water again and let your plant grow.

Don't be surprised if after potting the time takes longer until the soil would be dry (up to 7 days) this is normal as the roots dig in again and stretch out before the plant gets really thirsty again.

If the leaves should sink after repotting, it is quite normal that the roots need a little bit of time to cope with it.

Topping

Duration: 3 days

If your plant already has the third pair of leaves and it still grows a little bit out in the middle, you can cut your plant there with a disinfected knife, scissors or something like that. Thus it does not grow up into the height anymore but forms several main drives which we can pass later on under the lattice. That increases your request considerably.



Repot plant 2 & vegi 2

Duration: 2-5 weeks

Give your plant two to three days to recover after topping. Afterwards you can plant the pot in the middle pot on the big pot with potting soil.

Just follow the same procedure as for the first repot action. If your plant is too small from the height or grows rather bushy, you can repot it in such a way that just the root is planted in the ground and the stem sticks out more into the height. If not, repot the pot normally.

When your plant reaches the height of the lattice, place the lattice on top and let the stems grow through. As soon as the stem is through a grid, gently pull it down into the next grid hole. This way you can spread your main shoots in length.

Blooming phase

Duration: 50-70 days

If the plant has grown well under the lattice, you can start flowering and the flowering can be initiated before. Depending on how much you want in Erne. Note also that in the flowering phase your plant grows again properly, so 50% of what it already is. It can be pulled through the grids, depending on how much space is available.

To start flowering with normal seeds (no automatics) you just have to change the lighting cycle to 12 hours of light 12 hours dark. The cold white light can now be switched off because the plant needs more warm white. It wouldn't matter if you added lighting, but it costs more electricity and the temperature in the box is higher.

The plant slowly gets hairs from which new shoots are formed and they should have a free path to the light, work a little bit with the lattice and pull down larger leaves. Around the flowers you will notice small white dots, the resin glands that become active and at the same time your plant will become thirsty. If you have poured in the vegi every 3-7 days it can happen that you now pour every 2 days.

About 2 weeks before harvesting you should leave off the fertilizer so that the plant can rinse all the minerals and you don't scratch later. Towards the end the leaves turn yellow, which is normal in autumn and the trees outside are no longer green.



Harvesting & Drying

Duration: 2 weeks

The flowering period lasts for about 2 months, 50-70 days depending on the variety. The information from the manufacturer is usually always very positive. You can also influence the effect of the harvest. Look at this graphic. Best you use a microscope eg for the PC, which are quite cheap to have.

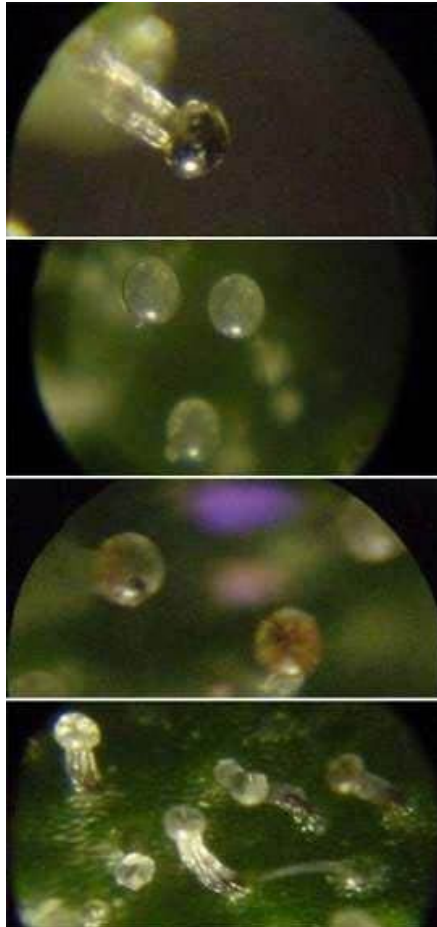
Look at this when you harvest the soil is dry to get some moisture out of it. Before harvesting, it is advisable to turn off the light for 24 hours to send the plant to sleep.

When the day has come, you will get some garden wire/string, disposable gloves and a good pair of scissors. Make sure that you stay undisturbed (nights) and that you have closed the room, the smell will be extreme. Cut off the sun sails (large blades) on the main propulsion. Then cut off the main drive at the bottom and thread it out of the grid, the more you do away from it, the better it goes.

If you have the main shoots removed, then cut the leaves off around the blossoms, if the small leaves remain on the blossom it is half as bad, there is enough resin on it that it is worthwhile to use them with.

Clears out the box and stretches the string across the Growroom on the screws to the right and left of the wall. Hang the shoots like on a clothesline. Turns off the light of the box by pressing the green "Light" button.

Now the 2 weeks are best left in the dark at 50% humidity until the main shoots break when bending. Then it's dry enough. Now you can cut the flowers from the main shoots or break them off as you like.



klare Trichome:
- noch nicht der richtige Erntezeitpunkt
- bei jetziger Ernte käme es zu einem Qualitätsverlust



milchige Trichome
- ernten, wenn die meisten Trichome milchig sind, macht ein anregendes, kopfmäßiges High



Trichome bernsteinfarben
- ernten, wenn die meisten Trichome bernsteinfarben sind, macht narkotisches, ins-Sofa-drückendes High



halb bernstein farben/halb milchig
- ernten bei 50/50-Mix, erzeugt eine Kombination aus körperlichen High und kopfmäßigem High



Curing

Duration: min. 2 weeks

If you have the flowers then put them into the preserving jar, it is best if the jars are only half full. In the first 1-2 weeks you open the preserving jars daily so that the humidity can get out and it doesn't mildew.

After that you're finished, the curing process can be optimized and you can do up to two years, google it, then you can really refine the stuff and experience tastes you didn't know before.