



**WALL FARM
2020**



CLICK & GROW™

ABOUT

The Click & Grow Wall Farm is a high-tech plant growing device that grows fresh herbs, fruits and leafy greens all year round and hyper-locally. It can easily be integrated into every home, restaurant, school, and grocery store.

The Wall Farm was designed to keep the energy consumption low while optimizing plant growth and nutrient levels in the food. It grows plants faster than traditional agricultural practices while not using any pesticides, fungicides or poisonous fertilizers. This means you can grow salad greens (and many other plants) containing 3 times more useful compounds and vitamins in your own home knowing exactly how, where and when the food you consume was produced.

Additionally, you don't need to worry about watering or the plant not getting enough light and oxygen - the Wall Farm takes care of it all. All you have to do is plug it in, insert the Plant Pods and watch your food grow.

With the Click & Grow growing solution, everyone can finally grow clean and fresh food sustainably. Wouldn't it be great to make food production personal again and finally take back control of the quality of the food you and your loved ones consume? It's time to start a home growing revolution and with the Click & Grow Wall Farm it's finally possible.



BENEFITS OF GROWING PLANTS WITH THE WALL FARM

30% FASTER GROWING

The growth rate and yield of Click & Grow plants is 30-50 percent faster than those of soil-grown plants, under the same conditions. The main difference is extra oxygen in the Smart Soil that helps to stimulate root growth. Plants with ample oxygen in the root system absorb nutrients faster. The nutrients are sent directly to the root system and the plant does not have to search in the soil for the nutrients that it requires.

Our plants require very little energy to find and break down food and use this saved energy to grow faster and produce more fruit. Smart plant feeding allows to grow produce that has 37 times less nitrate residuals.

100% REDUCED FOOD MILES

Most food today has to travel great distances. For example, in the USA food travels on average 1,500 miles from farm to table. Food production needs to become increasingly localized as transportation costs rise and exhaust gases released harm the environment.

Click & Grow products are created to grow fresh food hyper-locally.

INCREASED LEVEL OF ANTIOXIDANTS

Click & Grow is the only technology that reduces the moisture level in the root zone in a very controlled manner, and thereby uses water stress to increase bioactive compounds in plants. Like people, plants perform much better under controlled stress situations; for example, we have been able to increase the antioxidants level in basil and lettuce up to 3 times.

AIR QUALITY

Plants growing in your Wall Farm will clean the air you're breathing. They don't ask for much in exchange, just some basic maintenance. Plants absorb carbon dioxide and other potentially harmful toxins and pollutants from the air that may cause headaches, nose irritation, mental fatigue and low productivity. It's also smart to grow aromatic plants in your Wall Farm. Even a casual touch or harvesting of a plant will fill the room with a fragrance that boosts your spirits and productivity.

95% LESS WATER

Water supplies are shrinking all around the world. Today more than 70% of fresh water is used in agriculture. Most of this water will be run-off water that is not taken up by the plants.

Click & Grow technology uses water even more efficiently than hydroponic systems. As we do not circulate water, 100% of the water goes directly through the root system.





WALL FARM

Price: 2399,95€

**Plant subscription available
(visit clickandgrow.com)**

Professional grade LED lights

Growing capacity: 51 plants

**Semi-Automatic watering
(35L tank)**

**App offers plant tips and deals,
not connected**

**Doesn't need to be connected to
the central water system**

**Price includes a plant starter kit.
Choose from 6 different plant kits.**



GENERAL MAINTENANCE

REPLACING THE PLANT PODS

Never leave an empty slot in your farm! Whenever you harvest a pod, replace it with a new Plant Pod immediately. This way you'll always have fresh flowers, herb, salads and fruits. In case you don't have new Plant Pods to use, just leave the empty cavity in the farm and add new pods as soon as you receive them.

WATER

Add water when lamps start to blink. The blinking lamp indicates low water level of individual tray over which it stands. Fill all the trays in the same farm at the same time, even the ones where the lamp does not yet blink to the level indicated by Click & Grow.

CLEANING

Constantly remove all withered leaves and flowers during the plant's growth cycle. Clean the plant cups after each harvest by removing old roots and plant pieces. Change the wick if a plant cup has been in use for about 6 months. Alternatively, if you notice that the ability to absorb water has decreased, change the wick immediately. It's recommended to clean the trays thoroughly at least twice a year. Following plant care instructions will decrease the amount of maintenance needed for the Wall Farm.

SPROUTING

Different plants grow at different paces, so some of them will sprout within a week, while for others it may take up to three weeks. Be patient! Keep domes on until plants start to touch them.



PLANT MAINTENANCE TIPS

FRUITING PLANTS

Keep one plant per pod: Sometimes fruiting plants grow multiple seedlings from one plant pod. Decrease the number of chilli, peppers and tomato to one seedling to ensure enough space for the plant to grow.

Pollination: Pollination is necessary for the plant to produce fruits. Once your plant is flowering, the blossoms need to be pollinated with fingertips or little brush to move pollen from one blossom to the next one. Generally a gentle daily shaking will also do the job for you. While the plant is busy with growing fruits it will lose some leaves. This is a normal process, just remove withered leaves. You can expect the plant pods of fruiting plants last and bear fruits up to four months.

EDIBLE PLANTS

Salad greens: Edible greens are mature and ready to harvest in about 30 days after planting as they will have reached the highest nutritional value, texture and colour at that point. You may harvest your Plant Pods at once or gradually by picking off the larger outer leaves - the plant will produce more from its basal growing point.

Herbs: Herbs with strong stems like to be cut. Leave at least two pairs of leaves to grow, and you'll soon have a stronger and a bushier plant. Usually, herb plants are ready for first trimming in 20 days after planting. Do not wait until plants will touch the lamp. Herb Plant Pods usually last up to 60 days, depending on the density of harvesting.

RECOMMENDED GROWING CONDITIONS

The operating cycle of the lamps is set for 16 hours on and 8 hours off which simulates the natural day and night cycle. The cycle starts from the moment the farm is connected to power grid. It is recommended to start the lamp cycle from early morning. If there is natural light or any other light available at the farms location then it is crucial to set the Wall Farm lamp cycle in sync with the day and night cycle. Light during the lamp off period may promote undesired elongated growth and early bolting of salad greens.

Recommended room temperature suitable for all plant groups is 22 °C (71.6°F). For growing salad greens the temperature range should be 18 to 22 °C (64.4-71.6°F). Most salad greens are heat sensitive and produce the highest yield at that temperature range. Herbs benefit from warmer temperatures and it can be raised up to 26 °C (78.8°F). For healthy growth all plant groups profit from 40% to 80% (RH) relative humidity.

FLOWERS AND ORNAMENTALS

Expect to see first flowers in about 50 days after planting. Decorative plants require very little care, just constantly remove withered flowers and leaves for maximum appearance.

For additional information, visit: support.clickandgrow.com



SPECIFICATIONS

Measurements	HxWxD: 2021x1348x400mm or 79.6x53.1x15.7 in
Weight	70kg/154lbs
Growing capacities	51 plants; 3 shelves (17 cavities per shelf)
Warranty	1 year
Electricity usage per month	57,6kWh/month
Watering	Semi-Automatic
Watering tank	35 Litres
Growing lights	3 lights, 1 per tray with timer. 150 PAR per lamp
Temperature control	Based on room temperature
Cleaning	All parts machine washable
App	Get tips & tricks, Watering reminder, Fun plant facts NB! Not a connected product.
Plant types	Herbs, Fruits, Salad Greens, Flowers, Cabbages
Compatible Plant Pods	Sold by Click & Grow
Support	7-days a week
Shipping	Parts shipped separately

Available Plant Pods:

Fruits:

Mini Tomato, Wild Strawberry, Chili Pepper, Sweet Pepper and Chillies

Herbs:

Basil, Thai Basil, Red Basil, Dwarf Basil, Parsley, Peppermint, Lemon Balm, Thyme, Chives, Oregano, Sage, Catnip, Hyssop, Dill, Coriander,

Salad Greens:

Leaf Mustard, Bloody Sorrel, Pak Choy, Leaf-Beet, Red Kale, Arugula, Green Lettuce, Romaine Lettuce, Green Chard, Garden Cress

Flowers:

Petunia, French Marigold, Moss Rose, Lavender, Sweet Alyssum, Busy Lizzie, Cockscomb, Painted Nettle, Polka Dot Plant

Experimental:

Seedless Smart Soil, allows growing any plant.

Get our full list from www.clickandgrow.com

