



Spinach grown from seeds

2020 Catalogue

# Torpedopot™

## Grow your Business!







## What is a Torpedopot

Torpedopot™ is a containerized self-growing gardening system with a **built-in fully automated pressurized plumbing system that waters your plants for you.**

The internal plumbing valves distribute water and nutrients to your plants to create a awesome fungal enviroment that plants love. It requires very little human intervention.



## Your Role

Just add soil, seeds or seedlings, turn on the planter, and walk away. Each plant in the planter receives equal nutrition. The system is designed to turn the water on and off when your plants need it. The system is hermetically sealed to prevent leaking and contamination. From germination to harvest, your plants full lifecycle can be managed in a Torpedopot™. The planter scales with your operations. The system can be networked to produce more food than your local farm but without the hassles.



# Torpedopot™ Setup Guide

When you turn the knob, your plant grows. You control the growth of your plants! Torpedopot is designed to allow fungal communities to multiply so that they can provide nutrients to your plants. Torpedopot enables you to adjust the water flow to induce the right microbial colonies that the plants love. You don't need fertilizers!

Front



## Design

Our recycled high-grade polypropylene plastic planter is crafted with a rubberizing additive to virtually **eliminate brittleness and enhance flexibility**. The Curved Series has a resistant, eco-friendly terracotta color. The ring in the middle of the planter grows with the plant. As the plant matures, the ring allows the foliage to produce a fuller root system.

The knob **controls the water and nutrition entering into the planter**. The knob gives you the ability to control water by providing accurate flow. You can adjust water and nutrients flowing through the water with high accuracy. This encourages fungal growth. The flow rate can be increased to as much as one gallon per hour to a cup of water a month. The knob allows you to accelerate and control your plants growth.

Top



## Growth

The Feeding Stick is mildly attached to the inner wall of the Torpedo-pot™. **It feeds your plants without destroying the soil matrix**. It can easily be pulled away from the wall so that you can adjust various root systems. The Feeding Stick can be replaced if clogged.

Torpedopot Transfer Hoses are specially formulated to resist degradation from mildew, algae, fungi, and biofilm that can accumulate on the inside or outside of tubing. The antimicrobial feature is fully compounded into the **tubing to protect both the inner and outer surfaces from degradation, foul odors, microorganisms, and discoloration**.

The release holes at the bottom of the Torpedopot allows excess water to be eliminated. The hole are designed to **ensure that rot and competing fungus cant thrive**.

Back



## Sanitary

Torpedopot connections are Hermetically Sealed to virtually eliminate water leaking. This gives you the power to instantly connect/disconnect plumbing with 100% cleanliness and ensure that your connections seal and grip the first time, thus drastically reducing bacteria growth. It yields 100% cleanliness

The 1/4-inch Inlet portal is made for food grade fittings. The connections have high chemical resistance and are acceptable for food grade projects, and fertilizers. To make a connection, the distribution tubing s pushed into the inlet port by hand.





# Torpedopot™





## Accessories

- 1 Tee The Tee is used to connect additional planters in series. Just push the pin in the inlet port
- 2 Cutter Use the cutter to cut tubing to desired lengths.
- 3 Tubing The red tubing transfers water and nutrients the the plants for feeding.
- 4 Pin The Pin plugs into the inlet port to assure no leakage during transfer.
- 5 Cap When you remove a planter from the garden you can cap the tube off .
- 6 Adaptor Hose adaptor screws on the house spigot. Plug the red hose



The manual timer or equivalent is used for home planters. Our higher series planters are fully automated with built in sensing.

Timer 7

The Feeding Stick is hermetically sealed to allow water to flow on demand but prevent leaks. It releases nutrients and water into the planter. The pressure and release design is different for each planter.

Feeding 8 Stick



# Torpedopot Curved Series Self-growing Planters

## Feeding System

As you add more Torpedopot's to the network, the pressure in the system drops. Each Torpedopot added to the system can decrease pressure by three psi. If you use a timer, you can efficiently operate over 20 Torpedopots from one spigot. Water and nutrients released in the Torpedopot™ mimic how water is delivered when it rains. Nutrients are carried throughout the Torpedopot™ and released in a way that does not disturb the soil matrix or resettle

soil based on particle size. Each plant believes that they exist on a horizontal plane. Water and nutrients travel through the Feeding Stick and are delivered directly to the plant's root system. No water is wasted.

If you notice water at the bottom of the Torpedopot™ you are giving your plants too much water. Turn back your knob or decrease scheduled watering times.

Water is used as a delivery conduit for supplemental nutrition. The saturation hose allows water to rinse the plant's roots so that they can quickly absorb water without drowning. In the Torpedopot™ each plant receives an equal amount of water and nutrients. As the

water moves down the planter, it forces the roots to push downward to reach vast amounts of water in the pores of the soil, thus promoting plant growth. The rates at which water penetrates and absorbed by the soil depends mainly on soil texture. The feeding stick keeps the soil at a constant optimal moisture level and allows for extremely high levels of seed germination while minimizing erosion.

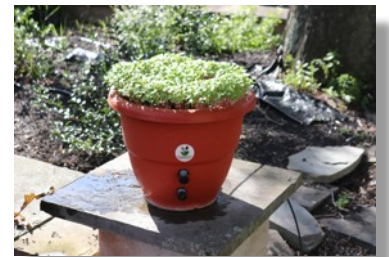


## Youtube Videos

### Installation Video



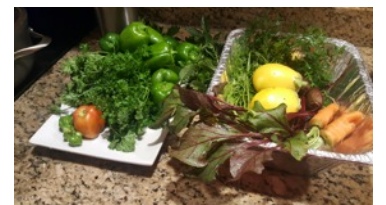
### Growing Video



### Harvesting Video



### Eating Video





Size		Avail
<b>Single Self-growing Planters</b>		
P6-1	Depth 6.75" - Liquid Volume 7.2pt	√
P9-1	Depth 6.75" - Liquid Volume 7.2pt	√
P12-1	Depth 9.25" - Liquid Volume 2.7 gal	√
P16-1	Depth 12.2" - Liquid Volume 6gal	√
P20-1	Depth 15.5" - Liquid Volume 13.5gal	√
P25-1	Depth 18.5" Liquid Volume 21.4gal	√
<b>Accessories</b>		
<b>All kits Include*</b>		
SH	Replacement black feeding stick (any size pot)*	√
PL-10	Pin (10-Pack)*	√
FF-1	Feeder and filter*	√
EC-10	End Cap (10-Pack)*	√
TC-1	Tube Cutter*	√
BC-1	Garden hose brass 1/4-inch hose connector*	√
PT-1	Programmable Timer*	√
ST-10	Stem Tee (Pack of 10)*	√
BH-100	100 feet of flexible tubing*	√
1000FTU	1000 feet of flexible tubing	√
<b>*Planter Starter Kits: Includes \$91.95 worth of free accessories \$91.95</b>		
KS-6	Six 25, 20, 16, 12, 9, and 6-inch Self-growing Planter	√
K25-4	Four 25-inch Self-growing Planters	√
K20-4	Four 20-inch Self-growing Planters	√
K416	Four 16-inch Self-growing Planters	√
K12-4	Four 12-inch Self-growing Planters	√
K9-4	Four 9-inch Self-growing Planters	√
K6-4	Four 6-inch Self-growing Planters	√







## Torpedopot Curved Series Self-growing Planters



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