




## System Comparison Chart

	Sun State Organics	Vertigro	HydroStacker
<b>Design</b>			
<b>Pots</b>	Geo Textile Fabric	High Density Polystyrene Foam	High Density Polystyrene Foam
<b>Number of Pots</b>	20	5	5
<b>Plants Per Pot</b>	1 to 4	1	1
<b>Easy Pot change</b>	Yes	Disassembly Required	Disassembly Required
<b>Do Poles Rotate?</b>	Yes - with a motor	Manual	Manual
<b>Amount of Media</b>	40 Gallons	10 Gallons	10 Gallons
<b>Cost of Operation</b>	Same	Same	Same
<b>Area Required</b>	Same	Same	Same
<b>Individual Feed</b>	Yes	No	No
<b>Portability</b>	Yes	No	No
<b>Roots Air Pruned</b>	Yes	No	No
<b>Pot Strength</b>	High	Low	Low
<b>Hydroponics or Organic</b>	Yes	Hydroponics Only	Hydroponics Only
<b>Warranty</b>	2 Year Parts & Labor Unconditional	Highly Conditional Warranty Must buy their products only or warranty is voided	Highly Conditional Warranty Must buy their products only or warranty is voided
<b>Price</b>	\$299	\$350.00	\$380

## What makes our system different? 12 Points To Consider Before Purchasing

### 1. Our pots (bags)

#### Sun State:

- Our pots are made from 8 oz geo textile fabric. This keeps the root zone cooler, it air prunes the roots - which forces secondary and tertiary root growth that increases yield and overall plant health. The bags are flexible making it impossible for root crops to break the bag.
- Our bags have an outer loop which makes it possible to create additional support structures for plants. We plant vine crops on the bottom of our pole and tie the bags vertically to provide a guide string for the plant to wrap around on its way up the pole. We then allow the plant to vine down naturally and then guide it back up the string.

#### Competitors:

- Our competition uses Styrofoam pots that stack on each other. When root crops grow there is no room to expand and as a result the pots break. The root system in their pots travel in circles which create long, thin plants producing stunted yields.
- Our competitors use empty pots to support full pots in their stacking system. Competitors pots cannot be arranged in any other way because they require a central feeding system.

### 2. Our Base

#### Sun State:

- Our base makes it possible to move our pole anywhere with ease.
- Our base design allows an unlimited variety of spacing with ease by simply switching out different lengths of spacer pipes.
- Our poles are held in place with high quality bearings to allow the plant to turn easily and simply.
- Our plants are assured an equal amount of light

#### Competitors:

- Our competitors drive stakes into the ground and mount their poles on them. Our competitors systems are not linkable and cannot be motor driven.
- Our competitors systems require manual rotation and as a result the plants no not get equal light.

### **3. Our Poles**

#### **Sun State:**

- **Sun State Poles are made from rugged EMT Tubing and a 3" PVC outer shell.**
- **Our feed lines are hidden inside the rigid PVC tube.**
- **Our poles are predrilled with 20 places to put different sized pots. We can stagger or split or alternate pots or rows in endless combinations to accommodate not only our pots but others.**
- **Our poles can be motorized with a low voltage motor, 12" pulley and high quality rubber tubing. The motors can be solar or wind powered.**

#### **Competitors:**

- **Competitors use an EMT rod, a pin and a plastic disk to hold 5 densified styrofoam pots. Individual poles are not filtered, they cannot be independently controlled and they cannot be motor driven. Whether you want to put a plant in a pot or not our competitors force you to use pots to support other pots.**

### **4. Our Feed System**

#### **Sun State:**

- **Our poles include 2 manifolds with filters and each port can be adjusted for flow rates independently.**
- **Our plants are individually fed. We can accommodate different water flows within one pole by using different sized emitters. Any plant position can be turned on or off and deliver different amounts of nutrient to the plant. We put the organic nutrients in the soil and use supplements regularly to feed our plants. We can turn off nutrient flow to our poles individually, turn off delivery to any particular plant and even use our feed tubes as plant supports.**
- **Our feed system attaches to the bottom of our poles eliminating the need for an extra upright tube.**

#### **Competitors:**

- **The pole is fed from one overhead source which trickles down through all the pots. Nutrient is diluted through each level and cannot be regulated. If you use any other pot from another vendor your warranty is voided.**
- **Our competitors pump an endless supply of synthetic chemicals to their systems.**
- **Our competitors use overhead feeding systems which increase the space needed and makes it quite unsightly.**

## **5. Flexibility and Ease of Use**

### **Sun State:**

- **We sell a growing platform. We made it so anyone can grow whatever way they want. The systems uses any media, any nutrient and allows users to grow hydroponically, organically or aquaponically.**
- **Our systems accommodate different light sources. When our system arrives at your door you simply take it out of the box, plug in a hose or pump and set the timer.**

### **Competitors:**

- **Our competitors' system is designed for hydroponic use only.**
- **You must use their products and procedures exclusively.**
- **Hydroponics require alot of maintenance and produce plants that are frail and prone to disease.**
- **Competitors produce systems that do not allow you to easily change out plants. Their systems require complete disassembly to replant.**
- **Our competitors provide systems that require installation assembly with sledge hammers, setting of multiple injector timers and system controls.**

## **6. Range of Crops & Yields**

### **Sun State:**

- **Our systems grows a wide variety of fresh produce, herbs, spices and flowers.**
- **Our yields are higher because our system holds 4 times more media. We can grow more with fewer poles. Our platform allows artificial lights to be incorporated easily.**

### **Competitors:**

- **Our competitors variety is limited due to low amount of media in their pots - this also limits their yields.**

## **7. Quality**

### **Sun State:**

- **We do not sell systems that are inflated in price. We deliver a quality product at a fair price and take great pride in manufacturing all aspects of the products we make.**

### **Competitors:**

- **Our competitors manufacture little - their systems are assembled from multiple sources into kits with little quality control over anything but the pots.**

## **8. Quality of Produce**

### **Sun State:**

- **People who use our systems tell us the crops have a long shelf life and taste unbelievable.**

### **Competitors:**

- **Our competitors produce spoils quickly and people say it does not taste "natural".**

## **9. Accessibility**

### **Sun State:**

- **We manufacture systems for children, the disabled and for seniors. Users do not need to stand up to use our system.**

### **Competitors:**

- **Competitors systems are not handicapped accessible.**

## **10. Environmentally Friendly**

### **Sun State:**

- **Our system typically uses just water - overflow is meaningless.**

### **Competitors:**

- **Our competitors overflow is filled with chemicals that go into the ground.**

## **11. Product Support**

### **Sun State:**

- **We support all our systems with a fast response time and care. We believe by keeping our clients happy we spread the good word and generate more sales. You cannot find a "used" Sun State system for sale. You will not find a dissatisfied sun state customer.**

### **Competitors:**

- **Our competitors cannot be found when things go wrong. - the net is filled with used (abandoned) systems from our competitors.**

## **12. Warranty**

### **Sun State:**

- **We warranty all of our components for 2 years regardless of how you use it to grow. All of our components are made in the USA and have been tested for decades within the industry. Our warranty is 1 paragraph**

### **Competitors:**

- **Our competitors warranty is voided should you use anything other than their products which are shipped often long distances at high costs.**
- **Our competitors warranty is highly restrictive containing many exceptions.**