




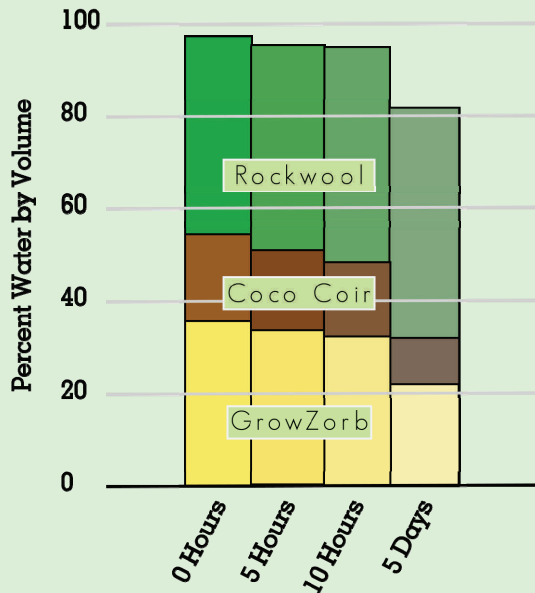
# Technical Specifications

 Density	0.011 g/cm <sup>3</sup>
 PH.	Neutral
 Reactivity	None
	100% Inert

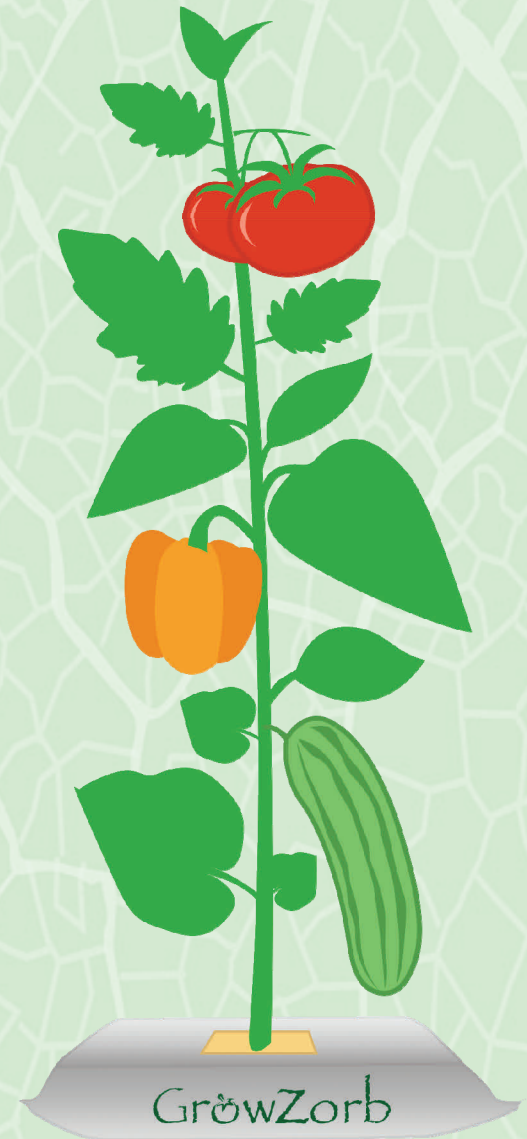
# Contact Us

GrowZorb Technologies Inc.  
Abbotsford BC, Canada  
604-240-5384  
<http://growzorb.com/>

## Water Holding Capacity



GrowZorb  
Technologies Incorporated



# A Modern Hydroponic Growing Medium

	<b>GrowZorb</b>	<b>Coco Coir</b>	<b>Rockwool</b>
<b>Dry Mass</b>	10kg/m <sup>3</sup> <sup>1</sup>	94kg/m <sup>3</sup>	60kg/m <sup>3</sup>
<b>Rooting</b>	>1-3 days <sup>2</sup>	5-8 days	2-5 days
<b>Pre-Wash/Wet</b>	Not required <sup>3</sup>	Required	Required
<b>Maximum Saturation by Volume</b>	36 <sup>4</sup>	55	97
<b>Rehydrateable</b>	Yes	Yes	Difficult
<b>Steerability</b>	Excellent <sup>5</sup>	Minimal	Minimal
<b>Withstands over-watering</b>	Yes <sup>6</sup>	No	No
<b>Crop Characteristic</b>	Generative <sup>7</sup>	Vegetative	Vegetative
<b>Useable for Multiple seasons</b>	3+ <sup>8</sup>	Not reusable	Reusable for 2 years max.
<b>Dimensional Stability</b>	100% <sup>9</sup>	Breaks down throughout the year	Breaks down throughout the year

- \*1 Easy to install, remove and transport.
- \*2 Young plants have a shorter period of instability. Rapid root growth also results in buds growing sooner in the season.
- \*3 No need to pre-wash, circulate is clean and ready to use on day one.
- \*4 Significantly more oxygen content, regardless of watering.
- \*5 Quicker to respond to variation in the UV index.
- \*6 Due to low water adsorption excess water is shed off and will not drown the plant.
- \*7 Plants are typically shorter with less leaves requiring less trimming throughout the year.
- \*8 Has been tested in three consecutive seasons with no special treatment.
- \*9 Structure will not break down over growing cycle. Oxygen content remains constant.

## Disposal

When it comes time to clean out the greenhouse GrowZorb can be crushed down with minor compression to a 15:1 ratio or a 35:1 ratio with heavy compression. This means considerably less number of loads to transfer out. GrowZorb can then be further recycled.

