







ZipPod Operating Costs and Crop Guide

Operating Costs

The costs of operating a farm will vary depending on your local electricity rates and a few other variables, but the following is a rough outline of the yearly operational expenses for a farm in Canada. We estimate operating a farm will cost between \$17,000 and \$20,000 USD per year.

Power		250 Kwh/Day Each farm uses approximately 250 kwh per day. We estimate the national average cost of electricity to be approximately \$0.16 per kwh. That's roughly \$1200 per month.
Water		40 Litres/Day The Primary Module uses up to 40 litres of water per day. To ensure maximum water efficiency, our farms capture and reuse about 200 litres of plant transpiration every day.
Supply		~\$300/Month This varies, there are nutrients and seeds needed to grow plants, air filters to be changed, CO2 supplementation and sanitization supplies to be replaced. All farmers are automatically enrolled in ZipGrow's membership program and are eligible for discounted supplies.
Other		There are other variable expenses such as insurance, packaging and labels, internet connectivity and rent if you are in a commercial location.

Monthly Operating Costs		Electricity \$1200- Growing supplies \$300-
Variable Monthly Costs		Internet Access, Packaging and labels, Labour(~20 hours per week), Rent Packaging and label supplies will be your biggest monthly expense if operating a commercial farm. Typically, these costs can range from \$0.15 to \$0.35 per unit.

Farm Yields

Farms can be setup to grow more than one crop at a time to maximize the variety of leafy greens. The team at ZipGrow Inc. is able to work with you to create the maximum yield for your project's goal. There are a variety of leafy greens, herbs, lettuces and several other plant types that will grow very well in the ZipGrow tower system. For more information on crop varieties please contact ZipGrow.

Lettuce



Variety	3-week schedule	4-week schedule	5-week schedule*
Bibb, Butterhead, Leaf, Romain	1,600 heads	1,020 heads	720 heads

Leafy Greens

Variety	Annual Yield
Arugula	3,040 kg
Kale	5,200 kg
Bok Choi	5,040 kg
Cut Green Mix	4,000 kg



Herbs

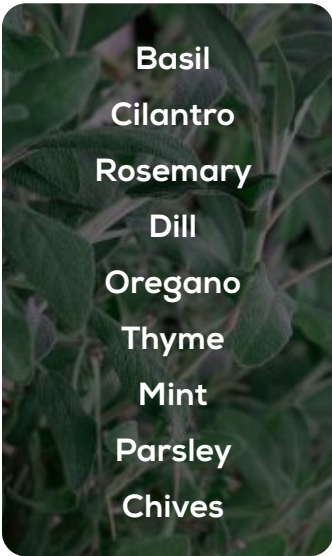


Variety	Annual Yield*
Basil	3,200 kg
Chives	3,200 kg
Dill	2,160 kg
Parsley	2,160 kg
Cilantro	1,800 kg
Mint	2,560 kg

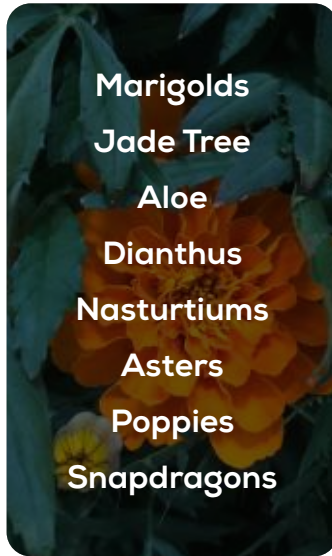
*Annual Yield in a Single-Crop Farm

What can you grow with our small hydroponic system?

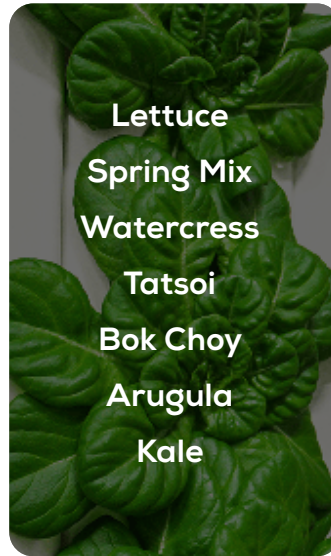
Herbs



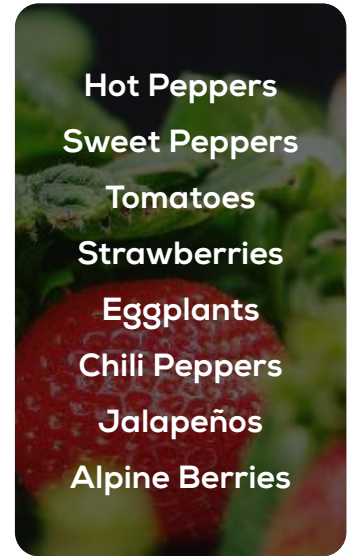
Decorative



Leafy Greens



Fruiting



The ZipGrow™ ZipPod.

A true vertical farming hydroponic container system.

