

AGROCKET farming system: A Comparison

Features	Conventional	Organic	Hydroponic	Agrocket
No need for expensive farmland	●	●	✓	✓
Easy to set up the production zone	●	●	✓	✓
Cheap to setup the production zone per SQM	✓	✓	●	✓
Setting up farm close to urban areas reducing carbon footprint during transport	●	●	✓	✓
Require less workers to operate	●	●	✓	✓
Easy to operate	●	●	✓	✓
Requires less technically skilled labour	✓	✓	●	✓
Extremely water efficient farming practice	●	●	✓	✓
Significantly less energy consumption reducing carbon footprint of operation	✓	✓	●	✓
Less mechanical points of failure in the system	NA	NA	●	✓
Low maintenance cost	✓	✓	●	✓
Use only sustainable organic fertilizer	●	✓	●	✓
Uses no harmful pesticide	●	✓	✓	✓
High Yield	✓	●	✓	✓
Less wastage from pests	✓	●	✓	✓
High dollar value of the produce	●	✓	●	✓
Little limitation on the species of crops that can be grown	✓	✓	●	✓
Shorter time to get Organic Certification	NA	●	NA	✓

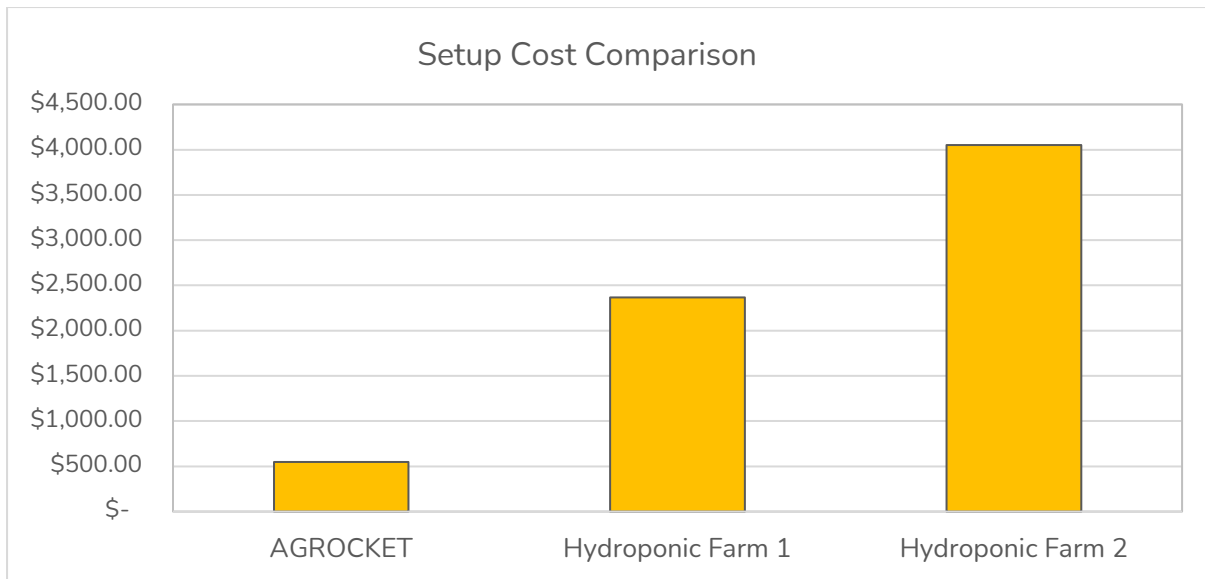


Figure 1 – AGROCKET farming system has a significant advantage over its hydroponic competitors when it comes to per SQM setup cost (the setup cost of hydroponics farms was taken from two sample farms in Australia and the USA).

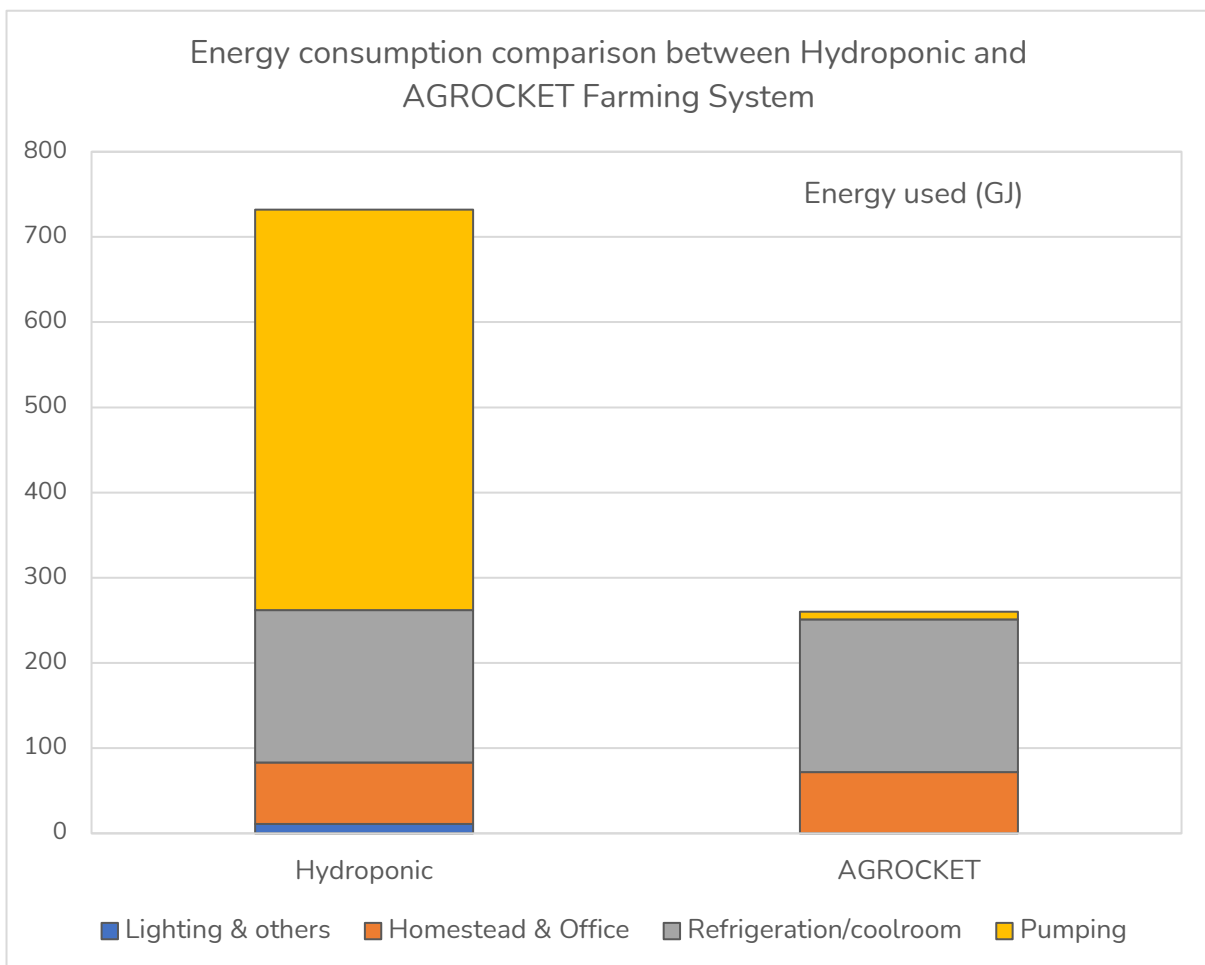


Figure 2 – AGROCKET farming system has a significant advantage over its hydroponic competitors when it comes to electricity consumption.