



GREENFIELD HYDROPONICS GLOBAL

Turnkey System for creating Fodder Farms



Fodder Systems

**Why hydroponic fodder?
METABOLIZABLE ENERGY... THE KEY**



In FVH, energy in the form of Net Maintenance Energy (NEM), Net Grain Energy (NEG), Net Lactation Energy (NEL) and Total Digestible Nutrients (TDN) tend to remain the same or show slightly decreased levels. in the original seed.

It makes sense that some energy must be consumed to fuel the germination process and early growth of the plant.

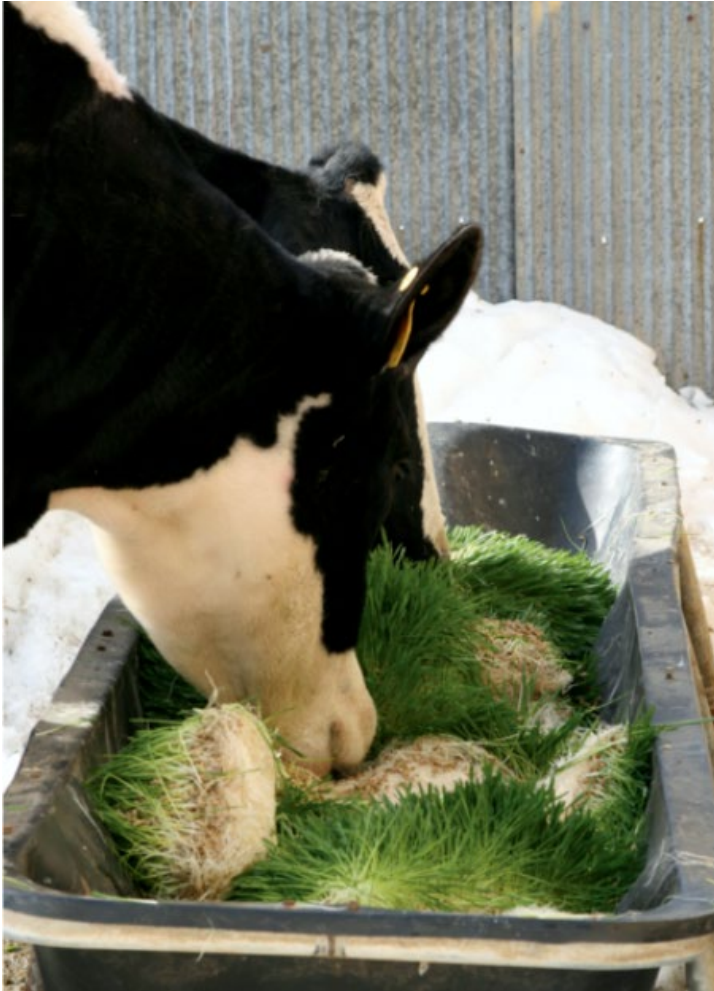
However, we must note that the energy values reported by analytical laboratories are “calculated” and generally do NOT fully consider the actual digestibility or availability of the listed energy value.

The energy digestibility measured in FVH is much higher, making the net energy yield to the animal higher for the forage than the original grain.

The fact that the energy sources in FVH are highly digestible and available means that there is little metabolic energy (energy for digestion) expended within the animal to make that energy available to contribute to metabolic activity.

So, the energy from FVH is much more energy efficient inside the animal than the energy from the original grain, which is a big problem!...for those who sell grain of course.

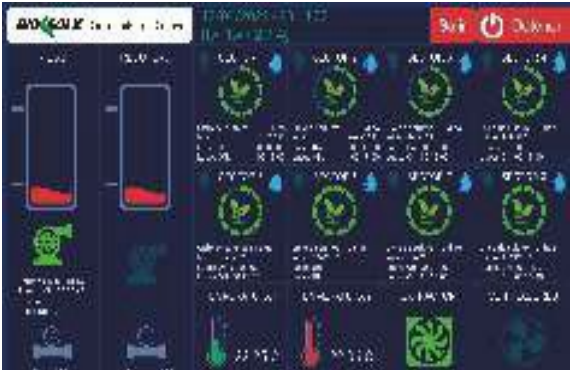
200 Pounds daily production



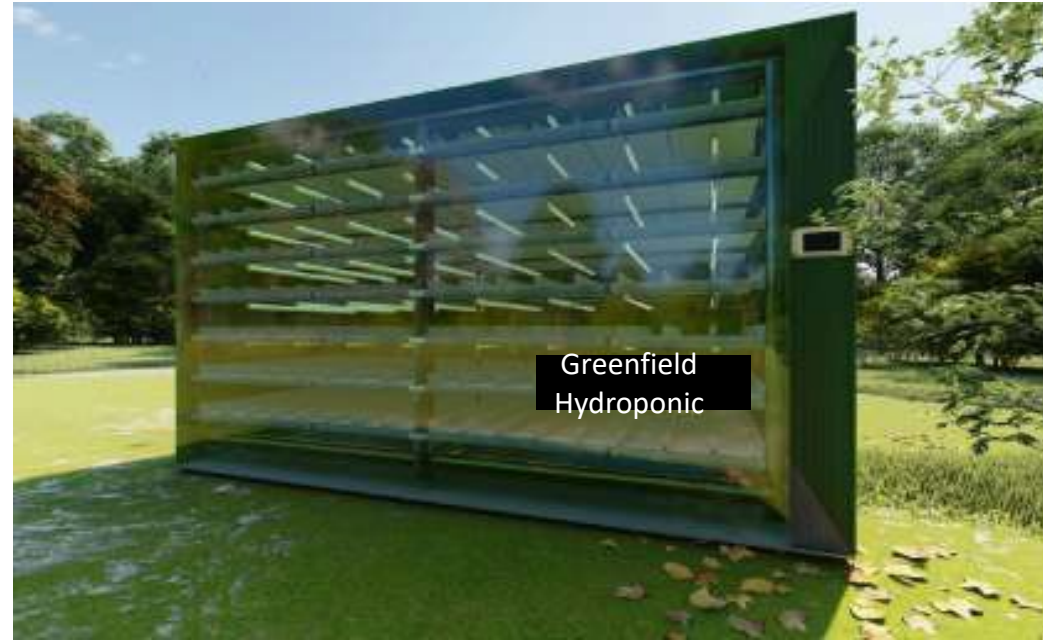
PLC CONTROL SYSTEM

Feed: 12 horses, 8 cows, 20 swine

Full Turnkey Container Kit



450 Pounds daily production



PLC CONTROL SYSTEM



Feed: 25 horses, 18 cows, 40 swine

Full Turnkey Container Kit



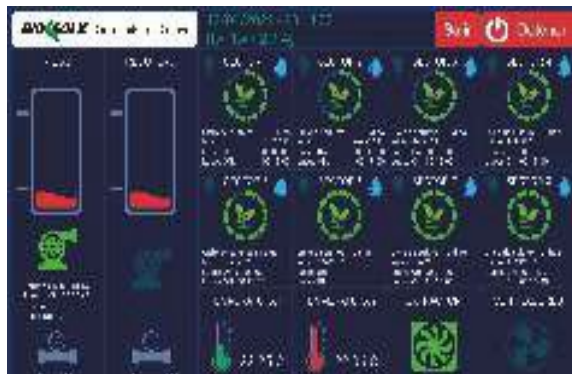
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1,000 Pounds daily production



PLC CONTROL SYSTEM

Feed: 50 horses, 36 cows, 40 swine



Full Turnkey Container Kit



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Point of Use Decentralized Delivery Atmospheric Water Generators 100% Independent of existing water resources



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**Custom-Built Primary/Standby
Generators**

**Provisioned to ensure clean,
constant and steady electrical
power for**

**Hydroponic Systems
and
Atmospheric Water Generators**





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