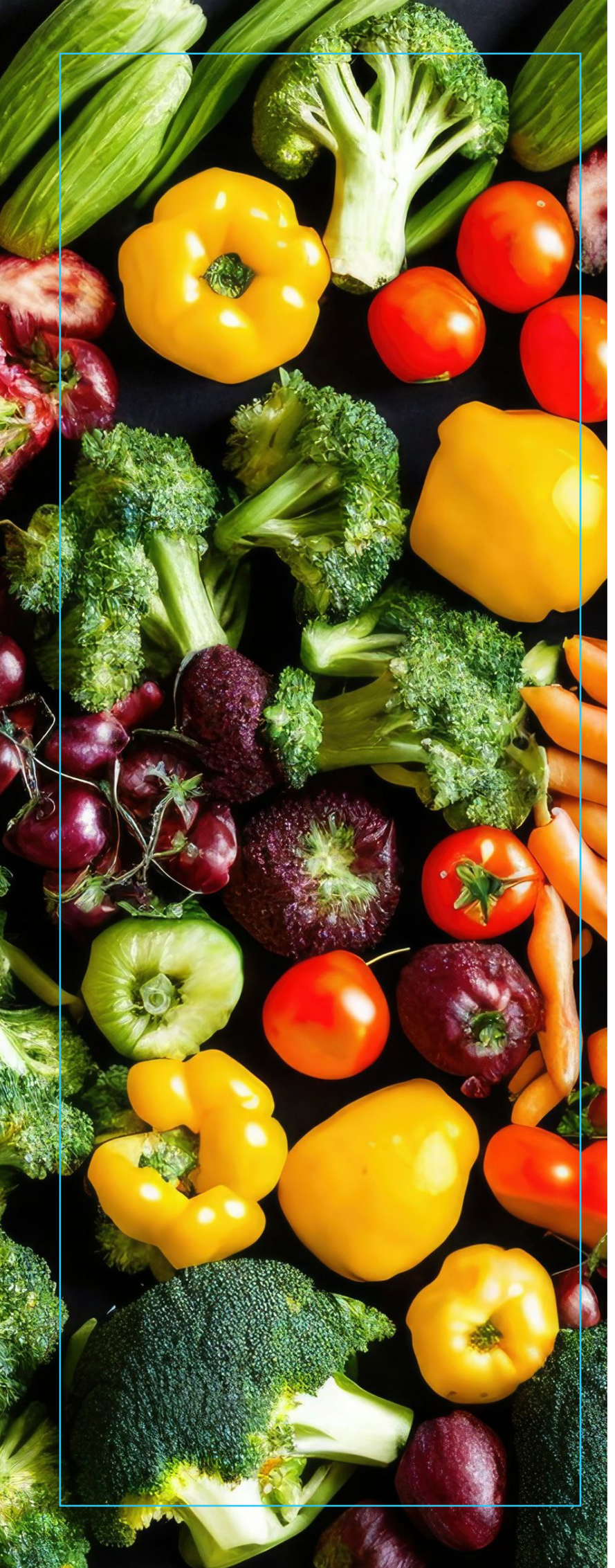


Avid Farming

Next Generation Production Solutions


“Working with passion to build a sustainable future”

Introduction
Our Farm

The agriculture industry is rapidly evolving, and aquaponics is becoming increasingly popular due to its sustainability and high yield. We have identified a gap in the market for a commercial aquaponics farm in our location, and we are keen on capitalising on this opportunity.

Our farm will use a sustainable approach to agriculture, combining hydroponics and aquaculture.

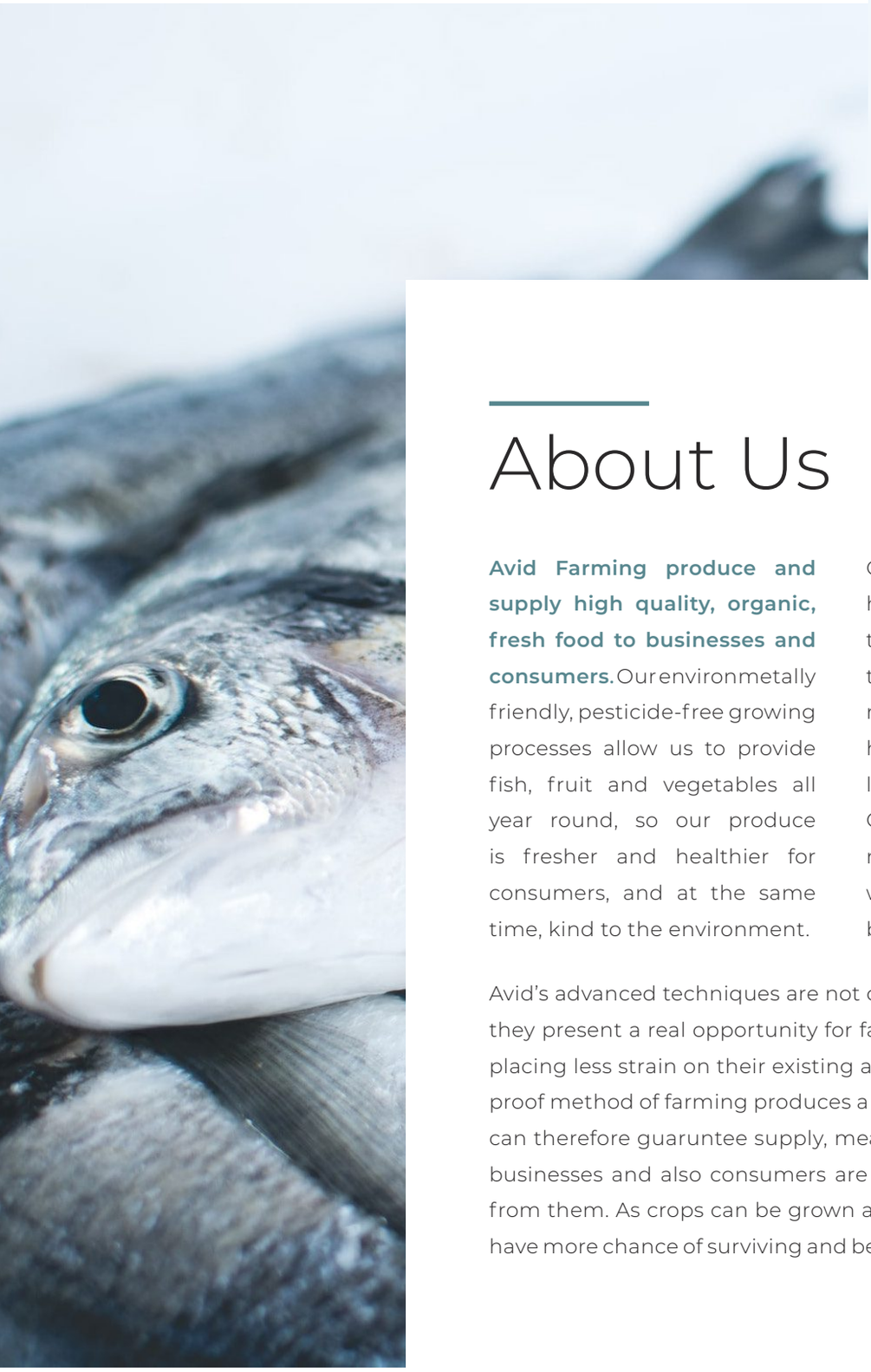
The hydroponics system will grow vegetables, while the fish produced in the aquaculture system will provide the nutrients required for the plants to grow. Our farm will use eco-friendly practices, eliminating the use of conventional fertilisers, pesticides and herbicides.

Our aim is to produce fresh and organic vegetables, fruit and fish, providing the community with healthy and delicious food. We believe that by focusing on the local market, we can reduce our transport costs and carbon footprint, while maximising our profit margins.



95%

Combining aquaponics and vertical farming we wil use approximately 95% less water than conventional agriculture. The water is rarely changed or discarded since it’s recycled repeatedly through the entire system.



About Us

Avid Farming produce and supply high quality, organic, fresh food to businesses and consumers. Our environmetally friendly, pesticide-free growing processes allow us to provide fish, fruit and vegetables all year round, so our produce is fresher and healthier for consumers, and at the same time, kind to the environment.

Our modern growing systems have directed us away from traditional farming methods that strip the soil of nutrients, require harmful pesticides, huge quantities of water, and large amounts of fertiliser. Our fish provide the fertilisers needed for plant growth. Any waste produced is recycled back into our system.

Avid's advanced techniques are not only good for the environment, they present a real opportunity for farms to maximise profits while placing less strain on their existing agricultural system. This future-proof method of farming produces a stable output of crop . Farmers can therefore guaruntee supply, meaning customers running local businesses and also consumers are far more likely to buy directly from them. As crops can be grown all year round, our British farms have more chance of surviving and becoming successful businesses.

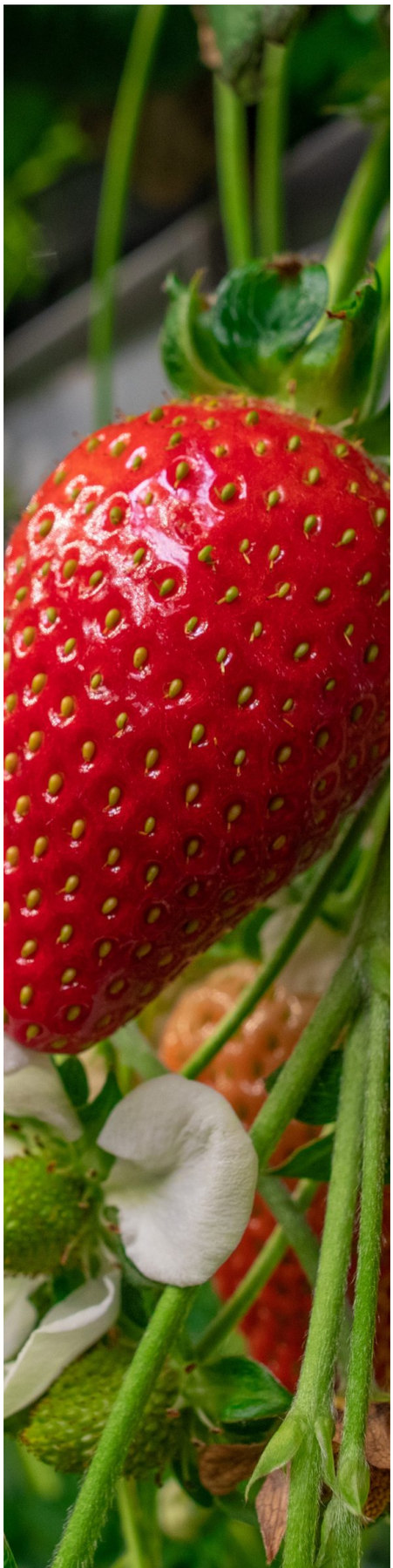


Big Things Often Have **Small Beginnings**

Here on our farm, you'll find no waste water, no eroding soil and no harsh pesticides. Even with sunlight taken out of the equation, our mutually-balanced ecosystem yields fast-growing organic produce, and the freshest, toxin-free fish money can buy.

Our clever technology means we can farm vast amounts of food in a limited space. Using vertical farming, we can multiply the yield upto 240 times that traditional farmers could expect from a flat land investment.

Our Services



Our farm produces fresh, organic vegetables, fruit and fish, providing the community with healthy and delicious food. We believe that by focusing on the local market, we can reduce our transport costs and carbon footprint, while maximising freshness and profit margins.

Aquaponics

Fish and plants are grown together in a closed loop system where the plants extract waste from the fish and the fish waste provides nutrients for the plants. Our sustainable, efficient system uses less water than traditional agricultural methods and eliminates the need for synthetic fertilisers and pesticides.

Aeroponics

Our crops grow all year round, using the latest technology, no pestecides and 95% less water. Our system requires less space than traditional soil-based growing methods and allows for greater control. We create the perfect growing conditions, leading to higher yields and faster growth rates.

Alley farming

We combine traditional farming with forestry. Falling leaves and other natural materials from our trees add organic matter to the soil, enriching growing conditions to give a diverse crop. Alley farming reduces weather damage, limits the spread of disease, and helps promote biodiversity, providing a natural habitat for wildlife and insects.

Our System

How our aquaponics system works

Fish and plants form a symbiotic relationship in an aquaponics system. As fish release biological waste into the water, plants take in the nutrients through their roots while simultaneously purifying the water for the fish. In other words, the fish make the fertiliser and the plants clean the tank.

1. Fish are fed. Fish then produce waste (ammonia)

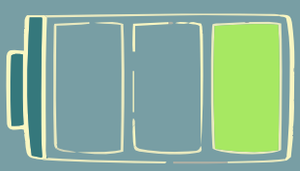




2. Nitrifying bacteria converts fish waste into nitrates to fertilise fruit and vegetables

3. Fruit and vegetables absorb nutrients and oxygenate the water for the fish

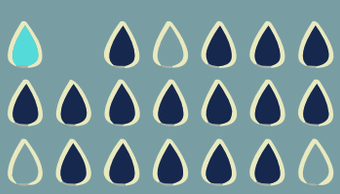




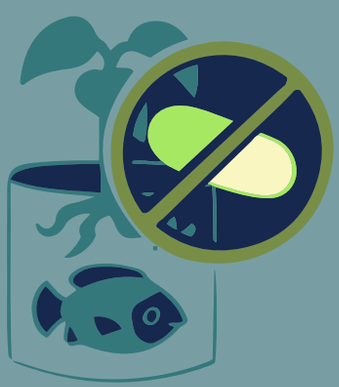
Energy: Aquaponics uses a third of energy used by traditional farming

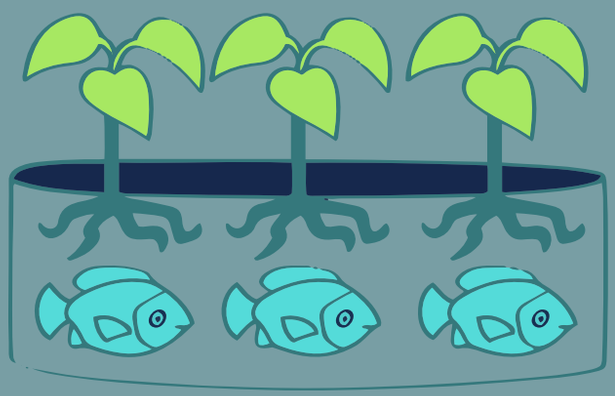
Organic and scalable

Aquaponics systems are completely natural - no need for pesticides that can disrupt the cycle. These systems can be as large as a commercial food production facility.



Water: Our system uses a mere 5% of the volume that's required by growing comarable crops in soil







> “Avid Farming offers a range of benefits and opportunities for both the investor and the wider community”

Why invest?

The world as we know it is facing an environmental crisis, declining food security, and an ever-increasing human population. Aquaponics farming solves all these problems and generates high revenues, with a limitless expansion potential, leading to a superbly sustainable, profitable business.

Investing in such a diverse, future-proof farm offers many benefits. Firstly, Avid Farming provides a highly sustainable and environmentally friendly method of food production, which is becoming increasingly important as the global population becomes more aware of the need to reduce our environmental impact.

Secondly, aquaponics offers the potential for a high yield of fish and vegetables in a relatively small space, making it an efficient method for producing food. This can make aquaponics a profitable investment in certain circumstances, such as in areas with high market demand and favourable ¬¬growing conditions.

Finally, investing in an aquaponics farm can be a valuable way to support local food production and provide fresh, healthy food for local communities. This can help to build stronger, more resilient communities and promote sustainable agriculture practices.





AVID FARMING

AVID FARMING
The Woodlands
Shadfen
Morpeth
United Kingdom
NE61 6NS

contact@avidfarming.com
www. avidfarming.com
PHONE · UK: +44 1670 341 017
PHONE · USA: +1 321-294-2122