



WE ARE ON A SUPER MISSION
TO FEED THE WORLD WITH OUR
AGRICULTURE TECHNOLOGY.

www.agritechs.co.uk

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Corporate Information

Company Name : Nature Techs LTD.

Trade Name : AgriTechs

Registered Address : 20-22 Wenlock Road, London, United Kingdom N1 7GU

Introduction

The global population is rapidly increasing, and fertile land is being destroyed at a concerning rate. The demand for nutritious and safe food is high, and it is crucial to conserve precious freshwater resources. This poses a significant challenge for our Earth and the entire planet

Smart Farming has emerged as a promising solution, but it has its shortcomings. It requires substantial capital investment and involves complex operations that necessitate a combination of scientific knowledge, technology expertise, engineering skills, the right strategy, and creative thinking. However, we have addressed these flaws in smart farming and made it accessible, dependable, and ultimately scalable.

We are a British company, renowned for our commitment to quality and scalability to best customer support in developing future-proof systems. We still work with top talents, business partners, and qualified suppliers around the world to deliver the best-actioned ideas and concepts to achieve our client's goals. We have the expertise to determine the most effective approach. Now is the time for a transformative and affordable shift. We can achieve optimal agriculture anywhere in the world. Contact us with just a click, and let's start the conversation now!

Population
9 Billion by 2050

Grow More! High ROI.

What We Do ?

We are so much in love with AgriTechs.

As a research and development and technology company, we are continuously dedicated to enhancing our technology and business offerings. We hold a deep appreciation for our technology, clients, team, business partners, and suppliers.

Our focus lies in educating individuals about smart farming and agri tech, addressing their everyday agricultural challenges, and providing support through our hardware devices.

Furthermore, we actively collaborate on joint venture projects that extend across industries and geographies, working closely with our partners.

Through these collaborations, we jointly design, construct, and operate AgriTechs Farms, fostering co-investment and mutual benefits for all involved.



Who We Are?

We have the perfect recipe for revolutionizing smart farming.

AgriTechs is the world's fastest-growing smart farming, agricultural technology solution provider, academy, and advisory. 100% owned subsidiary of Nature Techs Ltd, a prominent British AIoT company, specializing in delivering cutting-edge AIoT and smart solutions for agriculture, energy, education, healthcare, transport, and smart city industries.

Our innovative solutions are designed to optimize sustainable productivity, allowing growers to efficiently produce higher-quality yields while minimizing their use of precious resources such as water, land, and energy.

With our state-of-the-art technology, profound expertise in agronomics, and comprehensive capacity-building training, our primary focus is to assist our clients in achieving their goals by maximizing productivity and ensuring a high return on investment.

The United Kingdom boasts one of the world's largest economies, and its food and heritage are globally renowned. Our team of scientists and engineers are internationally recognized, and our DNAs are infused with a strong sense of beauty and innovation. We firmly believe that we are in the perfect position to revolutionize the agricultural sector. Since 2020, we have been diligently working behind the scenes, conducting research and development activities at our facilities located in London and Reading.

Why AgriTechs?

The planet is our playground.

We are champions of redefining smart farming and agricultural technology.

We have deliberately selected demanding agronomic environments worldwide as our proving grounds, inviting farmers, students, agriinvestors, agri corporates, and governments to witness firsthand the transformative potential of these technologies in open farms and fields.

Our vision is to become the World's #1 Agri Tech company, renowned for our disruptive technologies, platforms, and abundant resources that will pave the way for a sustainable future for generations to come.



Our Partners



Approved Member



Trusted Partner



Labour & Workforce Supply Partner

Our Farming Setups



**Traditional Open
Farming**



**Modern Green
House Farming**



**Vertical
Farming**

How We Work ?

01 Ideas & Invention

02 Conceptualization

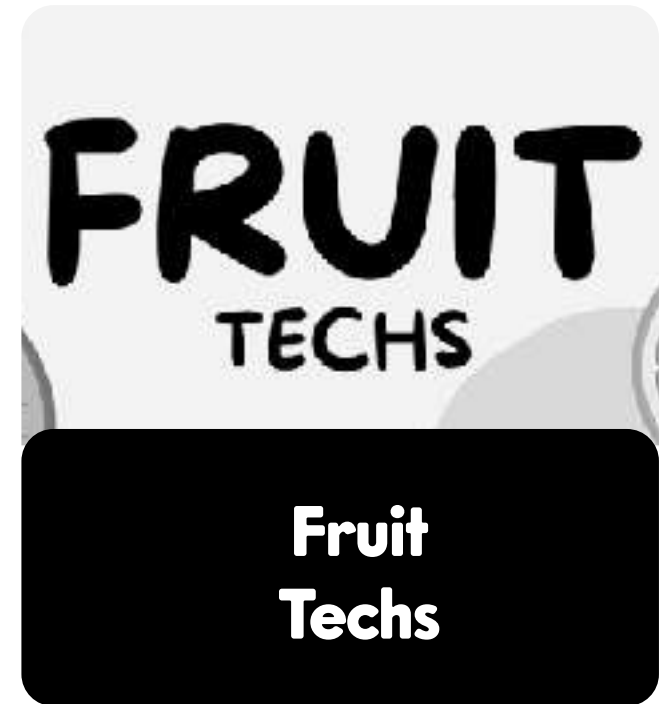
03 Great Design

04 Smart Engineering

05 Build to Work

06 Manage

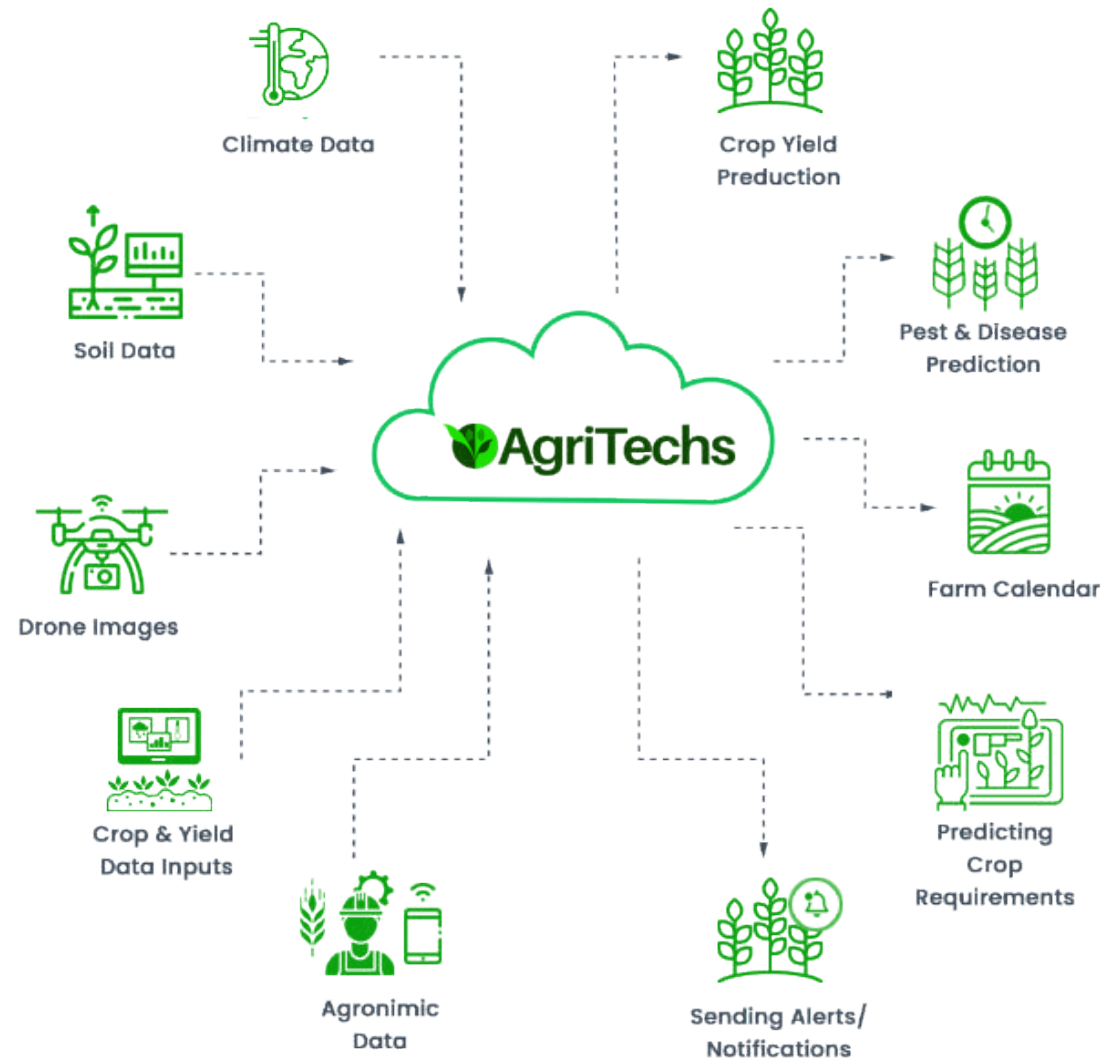
Education & Great Techs



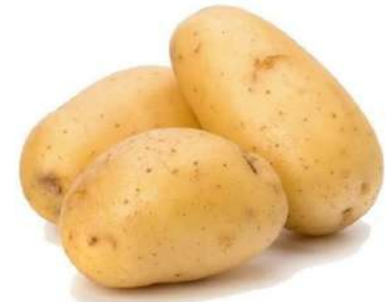
Crop Specific Intelligence Platform

Our smart agriculture platform is a crop-specific, climate-smart, data-driven precision agriculture system that provides growers with real-time agronomic suggestions based on data from on-farm and micro-climate measurements gathered by standalone sensor devices.

The data is then subjected to predictive analytics to deliver stage specific, crop-specific, and actionable decision making so farmers can improve farm growth conditions.



Intelligence for Specific Crops



How Can We Help?



**Strategic
Agronomic Advisory**



**Research &
Development**



**Best Quality
Production**



**Joint Venture
& Partnerships**



**Logistics &
Supply Chain**



**High Return
on Investment**



**Business
Optimization**



**Manage
Sustainability**

Our Bespoke Solutions



**Precision
Agriculture**



**Farms Setup
Solutions**



**Seeds Supply
& Distribution**



**Fertilizers
& Nutrients**



**Smart
Gardening**



**Labour &
Workforce Supply**

Precision Agriculture

Precision Agriculture

Precision Farming Platform enables you to optimize fertilizing and irrigation to conserve water and fertilizer by integrating Digi plants into your farm and making a massive positive impact in the fight against climate change.

Smart Sensing

We bring together sensors, satellites, and field data to improve the sustainability and climate resilience of agriculture and landscaping.

Smart Monitoring

Real-time monitoring of climate parameters such as temperature, humidity, soil moisture, electric conductance, light, rain, and wind pattern via our acoustic sensors.

Smart Irrigation

Precision irrigation reaches its pinnacle with the utilization of intelligent devices for automatic irrigation. We recognize the significance of custom irrigation systems to suit the distinct ecosystem of every farm, as this plays a vital role in addressing the worldwide need for freshwater.

Farms Setup Solutions

We specialize in the conception, construction, and consultation services for modern greenhouse projects. Our expertise encompasses the design and assembly of a diverse range of greenhouses, featuring controlled environment and ventilated models available in various sizes.

Our carefully curated selection of products is tailored to accommodate different terrains and environmental requirements.



Seeds Supply & Distribution

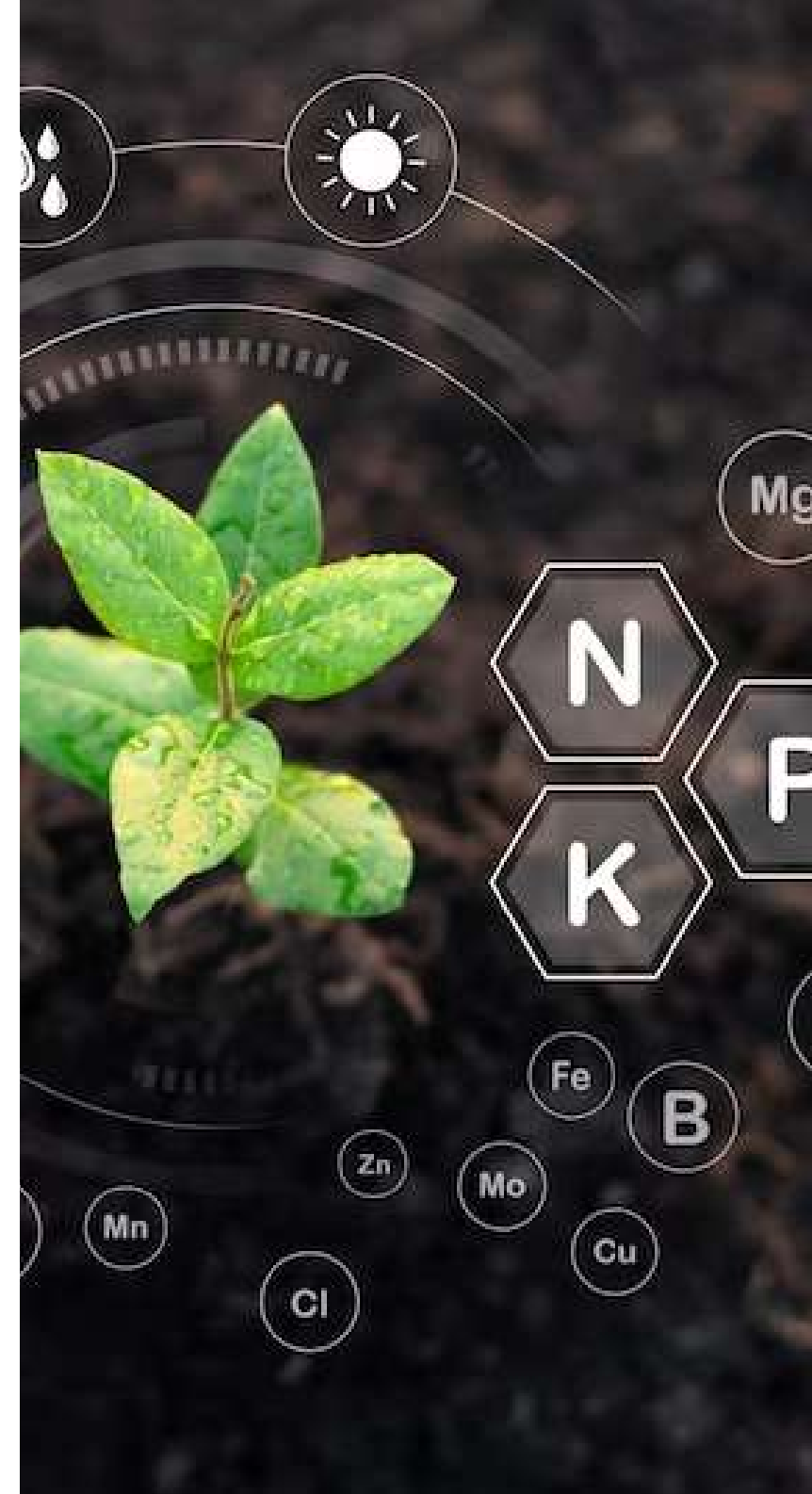
As the distributor partner for top-tier seed companies in the UK, we take pride in representing global leaders renowned for their premium indoor and outdoor vegetable seeds.

These companies are recognized for their worldwide leadership, boasting state-of-the-art research and development facilities and offering distinct seed varieties that are highly favored by consumers.



Fertilizers & Nutrients

Ensuring a consistent supply of high-quality inputs, including growing media, meters, sensors, fertilizers, and nutrients, is crucial for maintaining stability and driving improvements in your systems. We provide top-notch products to guarantee ongoing and sustainable progress in all facets, promoting efficiency and excellence.



Smart Gardening

At AgriTechs, we are at the forefront of transforming traditional gardening into a modern, efficient, and sustainable experience. Our Smart Gardening solutions leverage cutting-edge AgriTechs IoT (Internet of Things) technology, ushering in a new era of precision and intelligence in agriculture.

Key Features of AgriTechs Smart Gardening:

AgriTechs IoT Technology: Immerse your garden in the power of connectivity. Our IoT technology enables real-time monitoring and control of essential parameters like soil moisture, temperature, and light conditions, ensuring optimal plant health.

Automated Irrigation Systems: Experience hassle-free watering with our automated irrigation systems. Effortlessly manage and schedule irrigation cycles based on data-driven insights, conserving water and promoting efficient resource utilization.

Smart Crop Protection: Safeguard your plants with our intelligent crop protection solutions. Utilizing advanced sensors and data analytics, our system detects early signs of pests or diseases, allowing for timely intervention and minimizing crop losses.

Precision Nutrient Delivery: Achieve precise nutrient management with our technology-driven solutions. Tailor nutrient delivery based on plant requirements, promoting healthier growth and maximizing yields.

Educational Platform: Elevate your gardening skills with our educational platform. Access a wealth of resources, including tutorials, guides, and expert insights, to enhance your understanding of Smart Gardening practices.

AgriTechs is committed to revolutionizing agriculture through innovation and sustainability. Join us on this journey towards a greener, smarter future.

Labour & Workforce Supply

Empower your projects with our comprehensive Labour & Workforce Supply services, precisely tailored to meet the unique demands of AgriTech initiatives. Whether you are engaged in agriculture, plantation, or smart city projects, rest assured, we've got you covered.

Our extensive network allows us to efficiently source skilled professionals, including farmers, gardeners, data analysts, engineers, packaging helpers, drivers, sales executives, project managers, and supply chain/logistic specialists. Recruiting from Sri Lanka, India, Pakistan, Bangladesh, Nepal, and Cambodia. We proudly collaborate with our trusted business partner, Manpower Holdings, ensuring a seamless and reliable supply of talented laborers and professionals across diverse industries.

Committed to excellence and utilizing automation, we streamline the process, making the acquisition of the required manpower both efficient and dependable.



Farm Management System

Farm Management System

Our FMS enables smallholder farmers to better understand the farming communities to make informed investments and assess performance and helps customers to learn more about the farming communities that supply their food.

Our FMS 365 System

Our FMS enables us to better understand the farming communities, to invest appropriately and measure improvement. Collaborating with AgriTechs UK promotes greater traceability and transparency with the farmer group partners and offers their customers the ability to connect more deeply with their farm base. This system allows easy access and information sorting for the company's consumers to get to know more about the farming communities supplying their food.

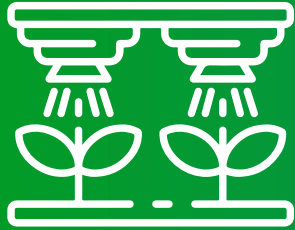
Farm Management



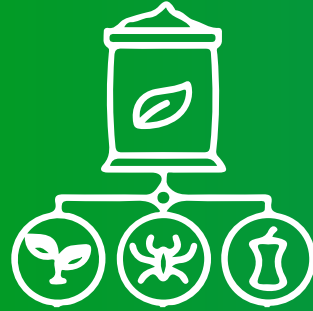
Harvest



Our Cloud Systems



**Irrigation
Management**



**Fertigation
Management**



**Environmental
Control Management**



**Farm Operations
Management**



**Farm
Financials System**



**Livestock
Management**

Farm Operations Management

Farm Operations Management

You can digitize the whole cultivation process and you will also be able to remotely update, manage, and monitor your farm operations under a centralized platform to increase productivity by precisely gathering information using farm operations management system.

Farm Scouting

Scout your fields for potential threats to your crops such as pests, diseases, weeds, and/or nutrient deficiencies. Take GPS-tagged notes and pictures of crops in the field, share observations, and make treatment decisions simply and intelligently.

Farm Operation

Assign daily farm operations such as fertilization, spray pesticide, repairs, etc. to the workers via SMS and notifications remotely. Then, review work done in the field with seamless synchronization from multiple employees via mobile app.

Farm Financials System

Farm Financial Management

Farm Financial Management helps farmers and agricultural enterprises for adapting digital bookkeeping practices with income, expense, yield, and stock and provides financial insights into the farms to evaluate the profitability of their farming operations.

Yield and Stock Management

Updating the harvest yield regularly and managing the stock via mobile. Get a glance at your stock details whenever needed and obtain the weekly/monthly farm yield summary reports to share with management.

Income & Expense Management

Updating the income and expenses via mobile and get a detailed report on income and expense from each crop or plot. Further, obtain the weekly/monthly farm income and expense summary reports to share with management.

Livestock Management

Data Analytics and Monitoring

We use sensors and monitoring devices to collect data on livestock health, behavior, and environmental conditions. This data is then analyzed to make informed decisions about feeding, breeding, and overall herd management.

Precision Livestock Farming

Precision Livestock Farming involves using technologies like RFID tagging, GPS tracking, and automated feeding systems to precisely manage and monitor livestock, resulting in efficient resource utilization and improved animal welfare.

Health Monitoring and Management

Advanced technologies such as wearable devices, cameras, and AI-powered algorithms help in early disease detection, monitoring of animal well-being, and automated health management.

Digi Control - Standard

Description

- Turn on and off Actuators

Features

- Direct power
- GSM/GPRS Communication
- IP 65 Water Resistance
- 1 Year Warranty
- Data interval: 10min - 30 mins
- Smart farm feature 2
- SIM has to be inserted Externally For Box Product
- Battery has to have partition



Digi Control - Premium

Description

- Turn on and off valves with pulse

Features

- Battery + Solar powered
- GSM/GPRS Communication
- IP 65 Water Resistance
- 1 Year Warranty
- Data interval: 10min – 30 minutes
- Smart farm feature 2
- SIM has to be inserted Externally for Box Product
- Battery has to have partition



Digi Plant - Lite

Description

- Sensing and livestreaming
 - Temperature
 - Humidity
 - Light

Features

- Battery + Solar powered
- GSM/GPRS Communication
- IP 65 Water Resistance
- 1 Year Warranty
- Data interval: 10min – 30 minutes
- Smart farm feature 1 and 3
- SIM has to be inserted Externally for Box Product
- Battery has to have partition



Digi Plant - Standard

Description

- Sensing and livestreaming
 - Temperature
 - Soil Moisture
 - Humidity
 - EC

Features

- Battery + Solar powered
- GSM/GPRS Communication
- IP 65 Water Resistance
- 1 Year Warranty
- Data interval: 10min – 30 minutes
- Smart farm feature 1 and 3
- SIM has to be inserted Externally for Box Product
- Battery has to have partition



Digi Plant - Premium

Description

- Sensing and livestreaming
 - Temperature
 - Soil Moisture
 - Humidity
 - Light
 - Deep root soil moisture
 - EC

Features

- Battery + Solar powered
- GSM/GPRS Communication
- IP 65 Water Resistance
- 1 Year Warranty
- Data interval: 10min – 30 minutes
- Smart farm feature 1 and 3
- SIM has to be inserted Externally For Box Product
- Battery has to have partition



Digi Soil - Slave

Description

- Sensing and livestreaming
 - Soil Moisture
 - EC

Features

- Battery power (lifetime 1 year)
- LORA Communication (cover 1km radius)
- IP 65 Water Resistance
- 1 Year Warranty
- Data interval: 10min – 30 minutes
- Smart farm feature 1 and 3



Digi Soil - Master

Description

- Coordinating with Digi Soil slave
- Sensing and live streaming
 - Temperature
 - Humidity

Features

- Direct power
- LORA + GSM/GPRS Communication
- IP 65 Water Resistance
- 1 Year Warranty
- Data interval: 10min – 30 minutes
- Smart farm feature 1 and 3
- SIM has to be inserted Externally for Box product



FMS 365

Description

- Managing the farm network database, operations and financials through a single platform

Features

- Updating and Managing Farmer Database
- Updating and Managing Field Officer Database
- Managing and Tracking Farmer Activities
- Creating groups with selected farmers and field officers
- SMS Broadcast
- Generate summary reports



Smart Farm

Description

- Remotely monitor the farm environment in real time

Features

- Real time monitoring of Sensor and weather data in web and mobile application
- Remote irrigation management in the following modes:
 - Manual
 - Schedule
 - Daily
 - Automation
- Sending sensor reading threshold violation alerts
- Export as CSV file



Daily Farm

Description

- Managing the daily farm operations remotely via mobile

Features

- Assigning and Updating tasks
- Farm scouting and reporting
- Export as CSV file



Crop Forecast

Description

- Forecasting the crops to plant in the next crop cycle with the available input details such as:
 - Temperature
 - Humidity
 - Light



**CROP
FORECAST
BY AGRITECHS.**

Here are some tips for staying safe.

Farm Cash

Description

- Managing and tracking the farm income, expenses and stocks via mobile features
 - Managing Stock, harvest yield, expense and income
 - Export as CSV file
 - Generate summary reports



Custom Apps

Description

- Customize the Dashboard according to the specific requirement



Projects

AgriTech London 2030

Here is our comprehensive project proposal for the implementation of smart farming techniques in London, spearheaded by AgriTechs UK. As urbanization continues to rise, the demand for sustainable and efficient agricultural practices has become increasingly urgent. This project aims to leverage advanced technologies to transform traditional farming into a smart and interconnected system, ensuring higher yields, resource optimization, and environmental preservation.

UK Cloud Farming

The proposed project centers on the establishment of a cloud-connected farming ecosystem in London, facilitated by AgriTechs UK. By integrating cloud computing, Internet of Things (IoT) devices, data analytics, and automation, this initiative seeks to revolutionize agricultural practices. The project will collaborate with local farmers, technology partners, and agricultural experts to ensure the successful implementation and adoption of cloud farming techniques.

Project Reading

The proposed project focuses on introducing precision agriculture methods to the agricultural landscape of Reading, London, through the expertise of AgriTechs UK. Precision agriculture combines technology, data analysis, and targeted practices to enhance crop production efficiency. The project will collaborate with local farmers, technology partners, and agricultural experts to ensure the successful implementation and adoption of precision agriculture techniques.

Riyadh Vertical Farms

We are excited to present an innovative project proposal for the implementation of vertical farming technology in Riyadh, Saudi Arabia, led by AgriTechs UK. As urbanization continues to rise and arable land becomes scarcer, vertical farming offers a promising solution to ensure a sustainable and resilient food supply. This project aims to introduce state-of-the-art vertical farming systems to Riyadh, enhancing food production and resource efficiency.

Use Cases

Blueberry Cultivation



Strawberry Cultivation



CBL Drone Project



Potato & Carrot Farming



Advisory for Farmers

In today's agriculture, technology is the key to thriving, not just surviving. As a leading smart farming company specializing in IoT devices, we understand the unique challenges faced by farmers and are dedicated to offering solutions that boost productivity, cut costs, and promote sustainability.

Advisory for Agri Investors

For visionary agricultural investors, consider this, the world of agriculture is evolving through IoT technology. As a smart farming company deeply rooted in IoT devices, we urge you to invest in smart farming for these key reasons

Advisory for Corporates

Smart farming is a transformative approach to agriculture that integrates technology and data-driven solutions to enhance productivity, sustainability, and efficiency. For corporates looking to venture into the realm of smart farming, here are some key advisories:

Advisory for Governments

For governments, fostering the adoption of smart farming practices is essential to ensure food security, boost agricultural productivity, and promote sustainable development. Here are some key advisories for governments in this regard.

Devices & Accessories



Electromagnetic Solenoid
Valve Plastic N/C For
Water Air - 12DC 3/4"



Electric Solenoid Valve
Plastic 0.6A N/C For
Water Air - 220VAC 1/2"



Electric Solenoid Valve
Plastic 0.6A N/C For
Water Air - 230VAC 3/4"



Electric Solenoid
Valve N/C For
Water Air - 230VAC 3/4" X 1/4"



Air Two-Way Electromagnetic
Valves Pneumatic
Solenoid Valve - 2V025-08 DC24V



5 Way Pneumatic Solenoid Air
Valve 2 Position PT1/8" Internally Piloted
Acting Type - 4V110-06 DC24V

AgriTechs Academy



**Farming Business
Foundation**



**Digital Farming
Foundation**



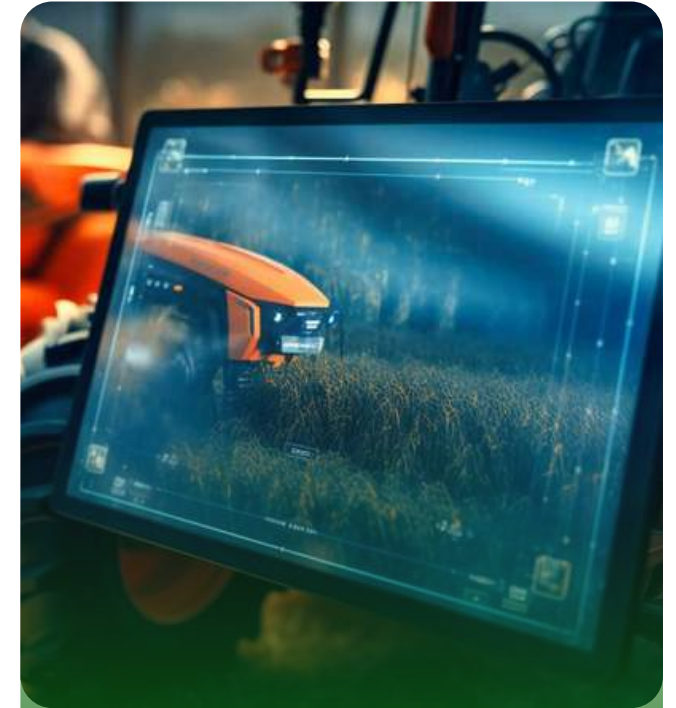
**Organic
Farming**



Basics of Vertical Farming



Farming Business Intermediate



Farming Business Expert



Contact us

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