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AgroNexus AI: Revolutionizing the Agriculture with AI-Powered Intelligence and Advanced **Solutions**

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Abstract: AgroNexus AI is an advanced AI-driven platform designed to transform the agricultural sector by assisting farmers in enhancing productivity, sustainability, and decision-making. The platform integrates cutting-edge machine learning and deep learning techniques to address key agricultural challenges through its comprehensive modules. The crop prediction module analyses soil properties and weather conditions to recommend suitable crops, ensuring optimal yields. The fertilizer analysis module evaluates soil health and suggests appropriate fertilizers to improve soil quality, promoting long-term fertility. The plant disease detection module utilizes a deep learning ResNet-9 model to identify plant diseases from images, enabling early diagnosis and timely intervention. The Ayurvedic plant analysis module, powered by a ResNet-18 model, identifies medicinal plants, providing insights into their characteristics, medicinal uses, and local Marathi names. Additionally, AgroNexus AI connects farmers with government schemes and agricultural services, facilitating access to essential resources and support systems. By leveraging data-driven insights and AI technologies, the platform empowers farmers to make informed decisions, optimize resource utilization, minimize crop losses, and maximize productivity, ultimately contributing to sustainable agricultural development and improved livelihoods

Keywords: Agriculture, AgroNexus AI, Convolutional Neural Networks Deep Learning, Image Processing, Sustainable Environment

I. INTRODUCTION

AgroNexus AI is a cutting-edge platform that integrates advanced technology with green agriculture. It aims to enable farmers to boost production while ensuring sustainability. With challenges in agriculture ranging from soil erosion, unreliable weather, and pests and diseases affecting plants, AgroNexus AI offers solutions through artificial intelligence (AI) and deep learning. Through monitoring soil conditions, weather, and crop health, the platform assists farmers in making informed decisions that result in healthier crops and greater yields.

One of the key features of AgroNexus AI is its ability to detect plant diseases using deep learning models like ResNet-9. By analysing images of crops, the platform can identify diseases early, allowing farmers to take quick action and reduce crop loss. Additionally, the platform uses the ResNet-18 model to identify Ayurvedic plants, offering information on their characteristics, uses, and local names in Marathi. This feature supports both traditional medicine and sustainable farming practices.

The crop forecast module enables farmers to choose the appropriate crops according to soil and climatic conditions, enhancing productivity and minimizing crop failure. The fertilizer analysis module suggests measures to enhance soil health for long-term fertility without any damage to the environment. AgroNexus AI also integrates farmers with government schemes and agri-services to facilitate easier access to financial assistance and resources. Through sustainable agriculture, AgroNexus AI works to balance productivity with conservation. It promotes resource use responsibly, conserves biodiversity, and enhances soil health, enabling farmers to produce crops in a more efficient









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manner. Being easy to use and backed by data, AgroNexus AI is a useful tool for both seasoned farmers and new entrants, allowing everyone to utilize modern agricultural technology.

A. Motivation of the Project

The main motivation behind AgroNexus AI is the need for new solutions to address the growing agricultural and environmental challenges worldwide. Problems like soil degradation, water scarcity, and climate change are affecting farming, making it harder for farmers to grow crops successfully. AgroNexus AI aims to solve these problems using Python programming and advanced artificial intelligence (AI) tools that help farmers improve crop production while protecting the environment. With rapid changes in the environment, traditional farming methods often fall short. AgroNexus AI uses deep learning techniques, including convolutional neural networks (CNNs), to detect plant diseases, predict crop yields, and recommend fertilizers. These AI-powered systems help farmers identify problems early, choose the right crops, and apply fertilizers correctly, leading to better crop growth and healthier soil.

The goal of AgroNexus AI is to help farmers increase productivity while adopting sustainable practices that are good for the environment. The platform is designed with a simple and easy-to-use interface, making it accessible to both experienced farmers and beginners. By using data-driven insights, farmers can make smarter decisions that improve efficiency, crop quality, and environmental health. The platform also encourages community participation, creating a shared responsibility to protect natural resources. Through its advanced technology and focus on sustainability, AgroNexus AI aims to lead the way toward a future where farming is both productive and environmentally friendly.

B. Brief description

AgroNexus AI is designed to address the increasing issues in agriculture and the environment. As the degradation of soil, climate change, and other environmental concerns rise, the world needs innovative solutions that can assist farmers while preserving nature. With Python programming and sophisticated artificial intelligence (AI), AgroNexus AI provides solutions that are beyond conventional farming practices. With deep learning and convolutional neural networks (CNNs), the platform gives precise crop prediction, plant disease identification, and fertilizer suggestions.

Apart from assisting farmers in cultivating healthy crops, AgroNexus AI also recognizes Ayurvedic plants. The feature provides users with information about medicinal plants, their uses, and benefits. By enhancing the natural healing capacity of Ayurvedic plants as compared to chemical medicines, the platform ensures a healthier way of living. The easy-to-use and simple interface enables users to obtain insights and information about the benefits of Ayurvedic herbs easily, facilitating a more natural way of being healthy and fit.

AgroNexus AI combines advanced technology with eco-friendly practices, making it useful for farmers, environmentalists, and health enthusiasts. The platform helps users improve farming, practice conservation, and support healthy living by providing AI-powered solutions that are easy to use. Its goal is to promote responsible use of data and encourage people to take action for the planet. With AgroNexus AI, the future holds a healthier ecosystem where technology, environmental protection, and wellness work together to create a better world.

C. Benefits and Risks

Risks of AgroNexus AI:

- 1. Problems: Rural farmers might not have good or any internet connectivity, which can make it difficult to access online AI tools.
- 2. Accuracy of Data: Users might input wrong data, which can provide incorrect suggestions.
- **3.** Availability of Devices: Not every farmer owns a smartphone or computer to use AI tools.
- **4. Technical Failures:** Technical faults or bugs in the system can cause delays.
- 5. Restricted Digital Literacy: Less educated or elderly farmers can be challenged in accessing digital platforms.

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Advantages of AgroNexus AI:

- 1. Improved Crop Selection: Assists farmers in selecting appropriate crops for their area, enhancing yields
- 2. Ahead-of-time Pest and Disease Detection: Detects pests and diseases in the plants in advance

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- 3. Effective Use of Fertilizers: Recommends the appropriate fertilizer type and quantity
- 4. Government Support Accessibility: Links farmers with useful government schemes, subsidies, and services.
- 5. Ayurvedic Plant Knowledge: Offers information about medicinal plants, encouraging natural remedies for health.
- **6.** User-Friendly: Easy-to-use interface that enables farmers to receive fast and precise information.
- 7. Saves Time and Effort: Minimizes manual effort by providing real-time recommendations and insights.

II. PROBLEM STATEMENT

AgroNexus AI aims to solve the problem of improving agriculture while preserving the environment. Traditional forms of agriculture are prone to be threatened by climate change and limited natural resources, thus the demand for new and innovative solutions. AgroNexus AI uses advanced Python coding and deep learning to turn agriculture into a smart and efficient one.

The platform helps farmers manage crops by checking plant health, predicting crop yields, and giving the right fertilizer advice. It also identifies Ayurvedic plants, combining modern technology with traditional knowledge for better farming and healthier plants. AgroNexus AI's goal is to use advanced technology in a way that cares for nature, creating a stronger and healthier ecosystem for the future.

Challenges Encountered by Farmers

1. Selection of Crops:

Farmers may struggle to select the appropriate crops for their areas. Planting inappropriate crops results in low yields and financial loss.

2. Pest and Disease Management:

Pests and diseases destroy crops and lower yields. Most farmers do not receive adequate information to handle these issues effectively.

3. Use of Fertilizers:

Applying the correct fertilizer in the right quantity is crucial for soil fertility and plant growth. Farmers tend to apply the wrong fertilizer or excess fertilizer, which damages the soil and incurs additional expenses.

4. Government Support:

Farmers are not aware of government schemes, subsidies, and facilities that can assist them in enhancing farming practices and generating more revenue.

A. Goals and Objectives

1. Create a User-Friendly Interface:

Our main aim is to provide a simple, intuitive platform that farmers of every proficiency level can use. The interface will support straightforward data input, seamless navigation, and uncomplicated presentation of crop suggestions, fertilizer analysis, and plant disease identification results.

2. Increase Prediction Accuracy:

We aim to use advanced AI and machine learning models to ensure high accuracy in crop prediction, fertilizer suggestions, and plant disease identification. Continuous model refinement will help minimize errors and provide reliable insights for farmers.

3. Support Multiple Input Formats:

Our goal is to accommodate a wide range of input types, such as weather information, soil information, and crop photos. With this ease, farmers will find it easy to upload the information through preferred avenues, thereby improving the site's usability.

4. Encourage Farming Knowledge and Interaction:

In addition to predictions and suggestions, AgroNexus AI also intends to inform farmers about Ayurvedic plants, schemes of the government, and agricultural best practices through comprehensive information. Through simple, easy-to-consume resources, we intend to empower farmers with the information essential for sustainable farming.









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B. Statement of Scope

The scope of AgroNexus AI includes developing an AI-driven agricultural platform that assists farmers in improving crop productivity, managing soil health, and diagnosing plant diseases. The system will feature a user-friendly interface, advanced prediction algorithms, and support for multiple data inputs such as soil and weather information. Additionally, the platform will provide educational content on Ayurvedic plants and connect farmers with government schemes, promoting both agricultural efficiency and financial stability. Continuous updates and improvements will ensure the system remains accurate, efficient, and aligned with farmers' evolving needs.

C. Software Context

AgroNexus AI is designed to function seamlessly across different devices and platforms, including smartphones, tablets, and computers. The software will include machine learning models for crop and fertilizer recommendations, as well as deep learning algorithms for plant disease identification. The system will process various data inputs, ensuring compatibility with different file formats and data sources. By following industry best practices such as modular design and scalable architecture, AgroNexus AI will provide reliable performance, easy deployment, and future scalability, while prioritizing user experience and responsiveness.

D. Major Constraints

1. Device Compatibility:

Ensuring smooth performance across different devices, including older smartphones and computers with limited processing power, may pose challenges.

2. Internet Connectivity:

Farmers in rural areas may face slow or unstable internet connections, affecting their ability to use the platform in real-time.

3. Data Accuracy:

The platform's recommendations depend on the accuracy of input data. Incorrect soil or crop data may lead to inaccurate predictions.

4. User Digital Skills:

Some farmers, especially older individuals, may have limited experience with digital tools, requiring a simple and intuitive interface.

5. Security and Privacy:

Protecting user data and ensuring compliance with data privacy regulations is essential, especially when handling sensitive agricultural information.

III. PROJECT PURPOSE

AgroNexus AI aims to enhance farmers' productivity with AI-based insights that enhance crop yields, optimize fertilizer application, and avoid plant diseases, while promoting sustainable agriculture. By maximizing data gathering and analysis efficiency, the platform delivers actionable advice, enabling farmers to make the right decisions, increase productivity, limit wastage of resources, and reduce environmental degradation. The platform's sophisticated crop forecasting models utilize soil and weather data to suggest the most appropriate crops, while its fertilizer analysis module ensures soil health through long-term fertility. The plant disease prediction system also employs deep learning to identify diseases ahead of time, avoiding loss of crops and enhancing yield overall. AgroNexus AI also fosters green consciousness through provision of exhaustive data on Ayurvedic plants and their virtues, Marathi names, and uses in medicines, which inspire eco-friendly agriculture and holistic well-being. While optimizing agriculture techniques, AgroNexus AI is significant in enhancing the economic well-being of farmers through linkages to government schemes, subsidies, and aid offered by the Government of Maharashtra and the agricultural department. Through its bridging of the gap between conventional farming and new technology, the platform ensures a sustainable agriculture community that generates economic growth with minimal depletion of natural resources. In the long run, AgroNexus AI seeks to







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transform agriculture through the provision of advanced technology to farmers, paving the way to a more productive, sustainable, and prosperous future.

IV. PROPOSED SYSTEM

AgroNexus AI is a sophisticated agricultural platform that helps farmers make informed decisions based on data to increase crop yields, ensure soil health, and avoid plant diseases. Through the combination of artificial intelligence and machine learning, the system offers precise predictions and actionable suggestions, ensuring efficient and sustainable farming practices. The platform enables farmers to maximize their agricultural processes, minimize wastage of resources, and enhance overall productivity, leading to long-term agricultural sustainability. The system is tailored to address the specific needs of farmers by offering easy-to-use tools and reliable insights that simplify complex agricultural decisions. By analyzing soil properties, weather patterns, and crop characteristics, AgroNexus AI recommends the most suitable crops and fertilizers for different farming conditions. Additionally, the system's plant disease detection feature helps farmers identify issues early, preventing crop losses and ensuring healthy plant growth. To support traditional practices, the platform also provides information on Ayurvedic plants, including their characteristics, uses, and local Marathi names. This feature promotes awareness of natural remedies and their benefits, helping farmers explore alternative methods for improving crop health and treating plant diseases.

In addition to offering agricultural advice, AgroNexus AI brings farmers into contact with government schemes and Government of Maharashtra services. This capability helps farmers gain access to financial subsidies, farm resources, and necessary support services with ease, allowing them to overcome economic setbacks and improve their farming activities. The user-friendly web interface of the system, coded in HTML, CSS, and JavaScript, allows farmers to move effortlessly around the platform, enter data, and obtain instantaneous recommendations. Advanced machine learning models are used to offer accurate predictions through the backend, which is built on Django and Python and receives user inputs efficiently. All AI models are trained on datasets gathered from Kaggle, making predictions and recommendations highly accurate and reliable. Overall, AgroNexus AI aims to bridge the gap between technology and agriculture, empowering farmers with AI-driven insights that improve productivity, reduce costs, and promote sustainable farming practices. By leveraging the power of AI, the platform transforms traditional farming methods into modern, data-driven processes, helping farmers achieve better results while preserving the environment for future generations.

A. System Architecture

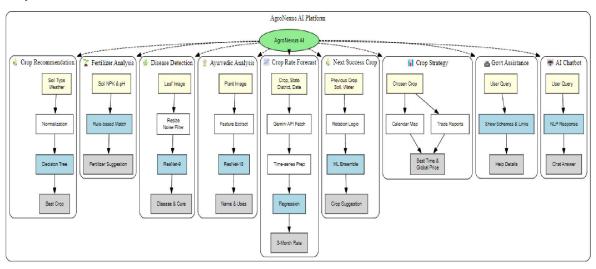


Fig - 1: System Flow of AgroNexus AI







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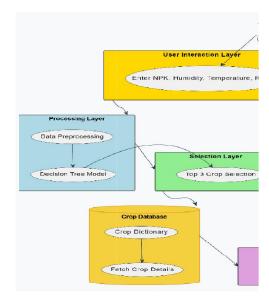
AgroNexus AI consists of several key modules designed to support farmers in improving agricultural productivity. The crop recommendation module suggests suitable crops based on soil and weather conditions, while the fertilizer analysis module recommends optimal fertilizers for better soil health. The plant disease prediction module identifies crop diseases using pla nt images, and the Ayurvedic plant identification module provides information on medicinal plants. Additionally, the government assistance module connects farmers with beneficial schemes and resources, all accessible through a user-friendly interface

Modules in AgroNexus AI:

1. Crop Recommendation Module:

The crop recommendation system of AgroNexus AI works in a simple flow:

- 1. Data Input: Farmers provide information such as soil type, moisture level, and weather conditions.
- 2. Data Processing: The system processes this information using machine learning algorithms.
- 3. Analysis: It compares the input data with a database of crops suitable for different conditions.
- **4. Prediction:** Based on the analysis, the system predicts crops that will grow well in the given environment.
- 5. Recommendation: Finally, it provides farmers with a list of suitable crops, helping them make informed decisions for better yields.













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2. Fertilizer Analysis and Recommendation Module:

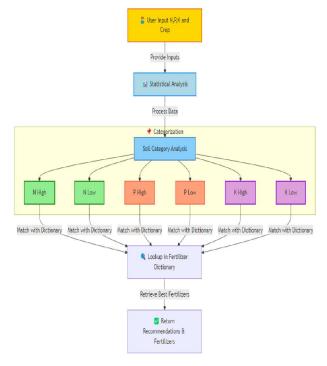


Fig - 3: Flow Diagram of Fertilizer Suggestions and Recommendation Module

The fertilizer recommendation mechanism of AgroNexus AI operates in a straightforward sequence:

Data Input: Farmers input soil information like nutrient content, pH level, and crop type.

Data Processing: The system processes this data using statistical algorithms.

Analysis: It evaluates the soil's nutrient composition and compares it with the fertilizer needs of different crops.

Prediction: Based on the analysis, the system identifies nutrient deficiencies and determines the appropriate fertilizers

Recommendation: Finally, it provides farmers with personalized fertilizer recommendations, promoting healthy crops and cost-effective farming.

3. Plant Disease Detection and Precautions Module:

The plant disease detection and precaution system of AgroNexus AI works in a simple flow:

Image Input: Farmers upload images of affected plants showing visible symptoms.

Image Processing: The system processes the images using deep learning models to analyze patterns and features.

Diagnosis: It identifies the plant disease by comparing the image with a database of known plant diseases.

Precautionary Measures: Based on the diagnosis, the system suggests preventive actions, treatments, and suitable

Recommendation: Finally, it provides farmers with clear guidelines to control the disease, ensuring healthier crops and preventing further spread









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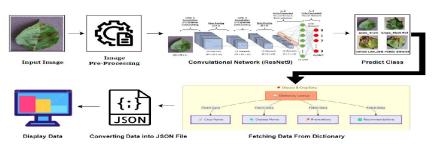


Fig - 4: Flow Diagram Plant Disease Detection and Precaution Module

4. Ayurvedic Plant Detection Module:

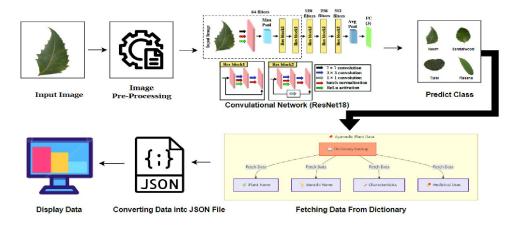


Fig - 5: Flow Diagram Ayurvedic Plant Detection Module

The Ayurvedic plant detection module of AgroNexus AI works in a simple flow:

- **1. Image Input:** Users upload images of Ayurvedic plants they want to identify.
- 2. Image Processing: The system processes the images using deep learning models to analyze the plant's features.
- **3. Identification:** It is compared to an Ayurvedic plant database and the plant is identified.
- **4. Information Display:** The system provides information about the plant, including its Marathi name, characteristics, and medicinal uses.
- 5. Recommendation: Lastly, it recommends how the plant can be utilized for home remedies, fostering natural medicine.

V. RESULT OF THE PROPOSED SYSTEM:

The envisioned system is a smart farming platform that aims at assisting farmers to enhance their crops' yields as well as improve the health of their soils. Users can, in a few easy steps, upload soil records, weather reports, or photographs of crops. The system uses sophisticated AI models to analyze these data and supply fast, reliable results. It recommends the best crops to grow, detects plant diseases with prevention tips, and suggests the right fertilizers to maintain soil health. Farmers can also explore government schemes and services through the government assistance module. By combining modern technology with practical farming needs, AgroNexus AI makes farming easier, smarter, and more productive.







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Fig - 1: Loading Animation of AgroNexus AI



Fig - 2: Homepage of AgroNexus AI





Fig - 3: Crop Recommendation Module of AgroNexus AI





Fig - 4: Fertilizer Analysis and Recommendation Module of AgroNexus AI







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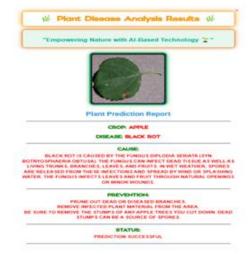


Fig - 5: Plant Disease Detection and Precautions Module of AgroNexus AI

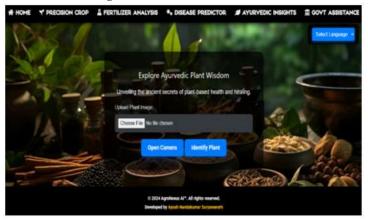




Fig - 6: Ayurvedic Plant Detection Module of AgroNexus AI





Fig - 7: Governmental Assistance Module of AgroNexus AI







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Fig - 8: AgroNexus AI Chatbot



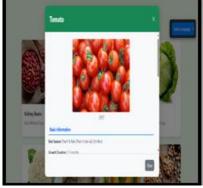


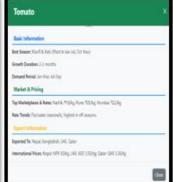
Fig - 9: AgroNexus AI Future Prize Predictor





Fig - 10: AgroNexus AI Next Successful Crop Predictor





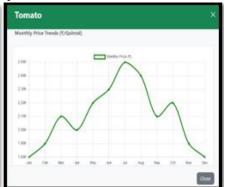


Fig - 10: AgroNexus AI Crop Strategy









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VI. FUTURE SCOPE

The future potential of AgroNexus AI is centred on developing its capacity to assist farmers more efficiently and accurately. With the inclusion of IoT technology, the system can facilitate real-time monitoring of key parameters like soil moisture, temperature, weather, and crop health. Farmers will be able to receive real-time alerts and actionable advice to address any potential problems before they affect crop yields. In addition, incorporating newer AI and machine learning models to the platform will improve the precision of crop forecasts, disease identification in plants, and fertilizer analysis so that farmers can make informed decisions confidently. Incorporating live photo-capturing features will allow farmers to diagnose the condition of plants immediately using their phone, simplifying the process of disease detection and nutrient deficiency identification. Also, incorporating more crops and local agricultural practices into the database will enable the system to adapt more easily to various farming environments. These innovations will all combined turn conventional farming into a smarter, more sustainable, and more productive practice, allowing farmers to reap greater yields while saving resources and lowering costs.

VII. CONCLUSION

AgroNexus AI is a cutting-edge collaboration of artificial intelligence and sustainable farming, leveraging sophisticated Python-based AI to solve pressing issues in contemporary agriculture. With deep learning models and complex neural networks, the system diagnoses diseases with precision, suggests the best crops, and examines soil and fertilizer requirements. Through real-time data analysis and smart forecasting, AgroNexus AI surpasses conventional farming techniques, providing actionable solutions that promote productivity and sustainability. Through the inclusion of technology and agriculture, it is enabling farmers to make evidence-based decisions, enhancing sustainable methods, and allowing communities to work together, pushing the future for intelligent and sustainable agriculture

REFERENCES

- [1]. M. M. Khalid and O. Karan, "Deep Learning for Plant Disease Detection," International Journal of Mathematics, Statistics, and Computer Science, vol. 2, 2024.
- [2]. Ayurvedic Plant Identification using Image Processing and Artificial Intelligence," International Journal of Scientific Research in Computer Science, Engineering and Information Technology, vol. 7, no. 6, pp. 212, 2021.
- [3]. Crop yield prediction using machine learning: A systematic literature review, "Computers and Electronics in Agriculture, vol. 177, 2020, Art. no. 105709.
- [4]. Bhelkar, N. S., & Sharma, A. (2022). Identification and classification of medicinal plants using leaf with deep convolutional neural networks. International Journal of Health Sciences, 6(S6), 11596-11605. https://doi.org/10.53730/ijhs.v6nS6.13233
- [5]. M. Johnson and T. Y. Liang, "Deep Learning for Plant Disease Detection and Remediation," 2019 IEEE International Conference on Bioinformatics and Biomedicine (BIBM), San Diego, CA, USA, 2019.
- [6]. R. Singh and Q. Wei, "AI-Based Identification and Classification of Ayurvedic Plants," 2020 IEEE/ACM International Conference on Advances in Image Processing (AIP 2020), Tokyo, Japan, 2020.
- [7]. F. Adams and D. Clark, "Integrating Crop Recommendation Systems with AI for Enhanced Yield Prediction," 2018 IEEE International Conference on Artificial Intelligence and Virtual Reality (AIVR), Taiwan, 2018. York, NY, USA, 2018.
- [8]. Gupta and R. Kumar, "ML and DL Techniques for Enhanced Crop Recommendations," 2022 IEEE International Conference on Data Science and Advanced Analytics (DSAA), Rome, Italy, 2022.
- [9]. Chen and S. Wang, "Deep Learning Framework for Fertilizer Optimization and Crop Health," 2021 IEEE International Conference on Environmental Science and Technology (ICEST), Boston, MA, USA, 2021.
- [10]. E. Thompson and Y. Lee, "Application of ResNet Models for Medicinal Plant Identification and Analysis," 2023 IEEE Symposium on Computational Biology and Bioinformatics (SCBB), San Diego, CA, USA, 2023.



