

SARAVANAN S

Agriculture Farm Manager

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Profile Summary

Enthusiastic and dedicated Agriculture graduate fresher with strong foundational knowledge in farm management, crop production, equipped with skills in pest, disease and weed control. Skilled in organic farming, sustainable agriculture practices and soil health management. Proficient in irrigation management, field surveys and data analysis to support informed decision making. Experienced in farmer training, agricultural extension and agribusiness operations, including sales and marketing activities. Possess strong communication and interpersonal skills, enabling effective collaboration with farmers, stakeholders and teams to enhance agricultural productivity and sustainability.

Projects

Climatic Correlation with Rice-Bacterial Leaf Blight (BLB) Incidence May 2025 - Aug 2025

- Collected and analyzed climatic data (temperature, humidity, rainfall) in relation to Bacterial Leaf Blight (BLB) incidence in rice crop.
- Used statistical software tools such as **R** and **SPSS** for data processing and interpretation.
- Applied **ANOVA** to assess the significance of climatic factors influencing disease severity.
- Contributed to the development of climate-based disease forecasting and sustainable crop protection strategies.

Fungicide Bioassay Test for Rice-BLB Using Agar Well Diffusion Method May 2025 - Aug 2025

- Conducted in-vitro screening of **Carbendazim, Copper Oxychloride, Streptomycin, Kocide** and **Tricyclazole** against *Xanthomonas oryzae* pv. *oryzae* using the **agar well diffusion method**.
- Maintained pure cultures of the BLB pathogen on nutrient agar and measured inhibition zones to assess antibacterial activity.
- Analyzed efficacy data using **ANOVA** to identify statistically significant differences among treatments.
- Gained practical experience in **bioassay design, pathogen handling** and **chemical screening** relevant to agricultural R&D and plant protection.

Internship & Trainings

Industrial Training at Mugil Cotton Ginning Mill Mar 2025 – Apr 2025

- Learned about cotton procurement, fiber quality assessment and ginning processes through academic tie-up.
- Understood post-harvest processing, contamination control and the role of industry-farmer linkages in the cotton value chain.

RAWE (Rural Agricultural Work Experience) Mar 2025 – May 2025

- Conducted field surveys and farmer interactions to understand local agricultural practices.
- Involved in soil sampling, pest scouting and fertilizer recommendations.

Certifications & Achievements

- Post-Harvest Management of Fruits & Vegetables – SWAYAM Dec - 2024
- Speaking & Communication Skills – ICAR-NAHEP-TNAU-IDP June - 2023
- NSS Volunteer – Participated in rural sanitation & awareness programs Sep - 2023

Skills

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| • Farm Management | • Soil Health Management | • Sales Executive Activities |
| • Crop Production | • Irrigation Management | • Agronomy & Agribusiness |
| • Pest & Disease and Weed Control | • Field Survey and Data Analysis | • Agriculture Sales and Marketing |
| • Organic Farming and Sustainable Agriculture | • Farmer Training and Agriculture Extension | • Communication and Interpersonal Skills |
| | | • MS Office & B2B Sales |

Education

Bachelor of Science in Agriculture Apr 2021 - Aug 2025
Agricultural College & Research Institute, Madurai – CGPA: 8.4/10