

Agricultural Statistics in Practice



Agricultural statistics training and instruction are crucial in improving global agricultural systems. Farmers and agricultural practitioners are now keen to progress in research and learning in agricultural statistics and computer applications. Understanding recent statistical applications for descriptive and predictive analyses on yield and productivity is vital for their existence and this knowledge helps farmers make better statistical assumptions. This course explores to the industry key insights to develop a broader and deeper understanding and a strong comprehension of essential principles of data and statistics in agriculture, with an emphasis on used examples and possible impact. Foundations are covered first, followed by agricultural applications. Candidates learn forecasting approaches to boost production, efficiency, and competitiveness. Analysis methodologies using soft tools are covered which educate farmers boost their farm output.

COURSE NAME

Agricultural Statistics in Practice

START DATE

July 11, 2023

DURATION

6 Weeks

REGISTRATION

Open and free of charge

PREREQUITES

This course requires basic knowledge on MS Office (Excel) or skills. Knowledge of computer; Basics of statistics and having idea about graphs.

Who should attend this course

- Farmers attempting to increase yield
- Undergraduate and Graduate Students of Agriculture and Allied Sciences
- Faculty of Agriculture Universities
- Agriculture Scientists at ICAR
- Professionals at State and Central Departments of Agriculture
- KVK Specialists
- NGOs in Agriculture
- Progressive Farmers/Farming Community

Course Content

- Index Numbers & Forecasting
- Forecasting Techniques in Agriculture
- Analysis of Variance
- Regression Path Analysis
- Stability and Sustainability Analysis
- Multivariate Analysis

At the end of the course, a participant should know about

- The fundamentals of statistics for use in agriculture
- Select agricultural forecasting techniques
- Identify the statistical analysis techniques for their data
- Knowledge of regression and multivariate analysis soft tools

Certificate

Qualifying students will be given certificates based on their involvement and performance. Participation OR Competence certificate will be issued by Commonwealth of Learning (COL), Canada.

Instructors

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