Precision Breeding

Immersive-Course

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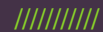
BAYER &
POLITECNICO DI MILANO

A.Y. 2022/2023 - AGRICULTURAL ENGENEERING MSc

Agenda

// Frontal Lesson
  // Introduction to Corn breeding

// Site Visit & on field activities
  // Research planter at work

// Site Visit & on field activities
  // Drones' flights for data capture

INTRODUCTION TO CORN BREEDING

Introduction to BAYER and the C.S. Division - focus on EMEA Breeding

Samuel Atanassiu - *Testing Operation Manager & Site Lead Olmeneta*

Product Selection & Advancement

Linda Zamariola – *Product Development Scientist*

Field Testing & Precision Breeding

Stefano Pietro Bosio – *Research Associate*

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Friday, February the 24th
Time: 14:00-16:00

Learning Objective:

Who we are
What is precision breeding
How we achieve the objective of designing the best

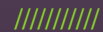*A.Y. 2022/2023 - AGRICULTURAL ENGENEERING MSc*

RESEARCH PLANTER AT WORK

Seed preparation activities

Silvia Cattagnoli – *Research Assistant*

Field Planting Simulation on site

Marco Rossini – *Research Assistant*

Marco Farina – *Research Assistant*

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Friday, March the 3rd
Time: 13:00-17:00

Learning Objective:

Learn how precision planters work and how planting operations are organized and managed

DRONES' FLIGHTS FOR DATA CAPTURE

Demonstration on drone's flight

Stefano Pietro Bosio – *Research Associate*

Focus on Data Collection and Analysis

Samuel Atanassiu - *Testing Operation Manager & Site Lead Olmeneta*

Stefano Pietro Bosio – *Research Associate*
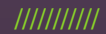
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Friday, May the 19th
Time: 13:00-17:00

Learning Objective:

Learn how drones are used in precision breeding and how data analysis drives decision taking.

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Thank you!

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The Olmeneta Breeding Team