

DSSAT Practice Test Questions and Answers

1. What does DSSAT typically stand for in agricultural modeling?

- A) Decision Support System for Agrotechnology Transfer
- B) Data Science for Sustainable Agriculture Technology
- C) Digital Soil and Seed Analysis Tool
- D) Dynamic Systems for Soil Assessment and Testing

2. Which component is essential for crop simulation in DSSAT models?

- A) Only rainfall data
- B) Weather data, soil characteristics, and crop management practices
- C) Only soil type information
- D) Only crop variety selection

3. What is the primary purpose of using DSSAT in agricultural research?

- A) To replace field experiments entirely
- B) To simulate crop growth and evaluate management strategies
- C) To control weather patterns
- D) To eliminate the need for soil testing

4. Which factor is most critical for accurate DSSAT model calibration?

- A) Market prices for crops
- B) Quality field data for model validation
- C) Government agricultural policies
- D) Farmer education levels

Answers: 1-A 2-B 3-B 4-B

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