

2023 Nebraska FFA Ag Biotechnology Contest

Districts 3, 4 & 10

Northeast Community College, Norfolk, NE

The Ag Biotechnology Exam will consist of one individual exam. The exam will consist of 50 multiple choice questions which require the application of biological principles covering basic knowledge, skills and applications of biotechnology in agriculture.

Purpose

The purpose of the agricultural biotechnology career development event is to encourage FFA members to explore the diversity of the Biotechnology Industry, in terms of basic knowledge, skills and applications of biotechnology to the workplace. The areas of agricultural biotechnology have important implications for the animal, plant breeding and genetic engineering, food, and pharmaceutical industries. The event requires students to identify materials and tools common to the industry, demonstrate knowledge and understanding of scientific principles and management practices, while focusing on genetic information applied in the industry via a written exam, and make observations, draw conclusions and make decisions in evaluating aspects of biotechnology principles.

Event Rules

1. Teams will consist of three to four members. All members will be scored, the top three scores will count towards the team total.
2. It is highly recommended that participants wear FFA Official Dress for this event.
3. Any participant in possession of an electronic device in the event area is subject to disqualification.

Equipment Needed

Students must provide pencils.

Written Test (150 points)

The written test is designed to evaluate participants' knowledge in biological concepts related to the biotechnology industry. The test will consist of 50 knowledge level questions which require the application of biological principles. Each question is worth 3 points.

1. Each contestant shall complete the event within the 30-minute time allotment.

Contact Person: Bob Noonan (402/844-7178) or robert@northeast.edu