Beekeeping and Honey Processing

PEIMS Code: N1300273
Abbreviation: BEEKHP
Grade Level(s): 10-12
Award of Cr032Brad

(B) explain the different roles played by the different types of honey bees; and

(C) demonstrate knowledge of honey bee development, castes, bee behavior, division of labor, and the life cycle.

(4) The student analyzes beehive design and development. The student is expected to:

(A) identify the site characteristics required for successful beehive production;

(B) evaluate the factors such as climatic characteristics and food sources for a potential beehive to determine if it is suitable for honey harvesting and pollination;

(C) research and compare successful beehives in other parts of the world with similar local conditions; and

(D) develop a beehive design and installation plan including shelter concerns, solar, topographical, human and animal habitation, and good neighbor policy.

(5) The student evaluates technology and practices for weatherizing the hive. The student is expected to:

(A) demonstrate knowledge of the environmental conditions that lead to bee colonies adapting to extremes in climate conditions- summer, autumn, and winter management; and

(B) identify and practice winterizing hives and an effective course of action.

(6) The student demonstrates beehive management techniques. The student is expected to:

(A) identify the tools of an apiarist and demonstrate safe usage of tools;

(B) demonstrate

with transportation, storage, product handling, and inventory control;

(B) explain how distribution can add value to goods, services, and intellectual property; and

(C) determine costs associated with distribution.

Recommended Resources and Materials:

Standards-aligned curriculum in Agricultural Science using iCEV's Agricultural Science curriculum

Texas A&M University, "The Texas A&M Honey Bee Lab," accessed December 14, 2021, http://honeybeelab.tamu.edu

Recommended Course Activities:

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