

Developing the small ruminant industry in Haiti - Learning Assessment

Multiple Choice (Mark all that are correct.)

1. What is the main reason it is so difficult to farm in Haiti?
 - a. Interference from government regulations
 - b. Lack of incentives
 - c. Small amounts of cultivable land
 - d. Inadequate rainfall
2. Small ruminants, or goats and sheep, are well adapted to mountainous terrain.
 - a. True
 - b. False
3. Goats are utilized frequently in Haiti because of their ability to:
 - a. Convert low quality forages into product
 - b. Use minimal land space
 - c. Produce a large amount of milk
 - d. Have multiple kids per year
4. How are the genetics of the goat herd at Christianville being improved?
 - a. Castrating male kids at an early age
 - b. Vaccinating for venereal diseases
 - c. Genetically engineering the goats (Using GMO technologies)
 - d. Utilizing artificial insemination
5. What are career options for an individual involved with animal agriculture?
 - a. Farm and ranch manager
 - b. Lawyer
 - c. Animal breeder
 - d. Accountant

Open-Ended

1. What education and technical skills are needed to become a farm manager or animal breeder?

2. What are some areas of experimentation needed to further improve small ruminant production in Haiti?

“Developing the small ruminant industry in Haiti” Learning Assessment KEY

Multiple Choice

1. What is the main reason it is so difficult to farm in Haiti?
 - a. The government
 - b. Lack of incentive
 - c. Small amounts of cultivable land**
 - d. Rainfall
2. Small ruminants, or goats and sheep, are well adapted to mountainous terrain.
 - a. True**
 - b. False
3. Goats are utilized frequently in Haiti because of their ability to:
 - a. Convert low quality forages into product**
 - b. Use minimal land space**
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5. What are career option for an individual involved with animal agriculture?
 - a. Farm and ranch manager**
 - b. Lawyer
 - c. Animal breeder**
 - d. Accountant

Open-Ended

3. What education and technical skills are needed to become a farm manger or animal breeder?
 - Farm manager: knowledge regarding feeding, vaccinating, housing and breeding livestock; skills in spreadsheet software, food production, technical skills in A.I.. A 4-year bachelor’s degree and experience in animal agriculture industry might be required.
 - Animal Breeder: animal handling experience, spreadsheet software, critical thinking, technical skills in A.I. Education typically requires training in vocational schools, related on-the-job experience, or an associate degree.
4. What are some areas of experimentation needed to further improve small ruminant production in Haiti?

Improving genetics with A.I. and using semen from superior sires/billies that are able to thrive in tropical climates; selecting for goat breeds that produce increased amounts of meat and milk; utilize by-products from other agriculture industries, such as sugar cane, to increase energy in animal diets; encourage the expansion of leather goods made from tanned goat and sheep skins; and using manure to increase soil fertility, and improve soil structure and humus levels to produce higher crop yields.