

## Bt Corn Training Exam

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1) Corn can be engineered to produce a protein that has the same effect as topically applied *Bacillus thuringiensis* on sensitive pests and non-target organisms.

- A) True                      B) False

2) Bt corn and glyphosate tolerant corn are both genetically engineered, but only Bt corn requires registration by the Board of Pesticides Control.

- A) True                      B) False

3) Use of Bt corn may be more beneficial to use than broad spectrum insecticides because it kills specific insects that feed on the plant.

- A) True                      B) False

4) There is only one type of Bt protein and it kills primarily moths and rootworms.

- A) True                      B) False

5) To meet your refuge requirement, you can just mix one bag of corn seed in with four bags of Bt corn and that will give you your 20% refuge.

- A) True                      B) False

6) How do the Bt field corn and sweet corn resistance management requirements differ?

- a) they don't differ – they are the same
- b) sweet corn pollen can move farther so the refuges are larger
- c) sweet corn doesn't have a refuge requirement
- d) the grower must mow the stalks down or disc the field within a month of sweet corn harvest
- e) both c and d

7) Which of the following is NOT a requirement of refuge management?

- a) Bt corn and the refuge corn must be planted at the same time
- b) Bt corn and the refuge corn must be the same hybrid maturity
- c) Bt corn and the refuge corn must be from the same company
- d) a map of the refuge must be available to BPC or industry inspectors

8) If your neighbor has corn next door to your farm, and you are on good terms, you can use his field as your refuge corn.

- A) True                      B) False

9) You are a grower who has had to replant fields in the past following cutworm damage. You have selected to grow a Bt corn with the Herculex trait to reduce the likelihood of this continuing to be a problem. What refuge planting method would NOT allow you to *easily* treat the refuge if you had an insect problem?

- a) block
- b) strips
- c) perimeter
- d) none of these – you can't spray the refuge

10) You go to a party one evening with friends, and someone pipes up that the Bt corn thing is really a waste of money. He says that if you simply rotated your corn, you would get essentially the same level of insect protection. Please circle the best response.

- a) that's simply not true
- b) it is likely the case for corn borers and rootworms
- c) it is not likely true for cutworms
- e) b and c

this one is trying to get at that cutworms fly in each year (Carried in ... whatever) and likely don't overwinter. Therefore, rotation wouldn't really help.

11) If you are planting Bt corn for rootworms, your refuge must be within the field or immediately adjacent to the field.

- A) True                      B) False

12) If an organic grower has corn within 500 feet of your Bt corn and he/she requests notification of Bt corn use, you as a Bt corn producer must take action to reduce the potential for pollen drift by planting a block refuge between the two corn fields.

- A) True                      B) False

13) Industry has developed stacked corn hybrids that now have resistance to many different types of corn pests.

- A) True                      B) False

14) In the future, with enough different CRY proteins stacked in corn, it may be possible to never have to use a refuge.

- A) True                      B) False

15) To date, applied research conducted in Maine over the past three years has not shown significant differences in yield or forage quality or mycotoxin levels where Bt corn was grown next to corn with similar genetics without the Bt trait.

- A) True                      B) False

**To be certified, you must score at least 80% on this exam. Please send the completed exam to:**

**Board of Pesticides Control  
28 State House Station  
Augusta, ME 04333-0028**

If you pass the exam, an application for a Bt-corn training certificate will be e-mailed or snail mailed to you. Please provide your e-mail or snail mail address below

Name: \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_, State \_\_\_\_\_ Zip \_\_\_\_\_

E-mail \_\_\_\_\_