



Scenario

You have inherited a 500-acre farm. You are new to farming but have plenty of equipment and staff to run the farm. You have consulted with the local extension agent and have decided to grow corn in the upcoming growing season.

Later, as you are chatting with a neighbor down the road, you find out that they also grow corn on their farm. Last year they lost 40% of their crop due to a rootworm infestation. Due to the close proximity and similarity of the farms, you are concerned about managing these pests.

Rootworms are insect pests that cause damage to corn plants by feeding on their roots. Damage to the root system of the corn plant inhibits the plant's ability to absorb water and nutrients from the soil. It also weakens the stability of the corn plant leaving it prone to damage from wind and storms.