

Student learning and engagement, demonstrated by this formative assessment.

Students' research (6/5/21)

Students researched pests and diseases in a crop of their choice and reported back to the class. Each student wrote a summary of their findings on the board.

	Avocado	Coffee	Maize	Mango
Pest/disease:	Red Banded Thrips	Coffee Leaf miners	Black Field Earwig	Anthraxnose
Control:	Insecticides green laewing, certain parasitic wasps	Bioneem / row covers	monitor crops, Dig, Sieve soil to detect nymphs, germinating seed baits Grain baits containing insecticide applied @ sowing - press wheel	Pruning, Fungicides Resistant variety
Pest/disease:	Fruit-spotting Bug	Coffee leaf rust.	True Wireworm	Fruit Fly
Control:	insecticide spray	Copper fungicides.	Germinating seed baits OR Soil sampling prior to sowing	Traps - Bait, insecticide
Pest/disease:	Phytophthora Root rot	Pink disease	Red Shouldered leaf Beetle	Mango leathoppers
Control:	Biofumigation/injection	Pruning affected branches + copper based fungicide.	Chemical Control pyrethrum/Aza-max	Insecticide
Pest/disease:	Anthraxnose	Nematodes	Corn Earworm Helicoverpa armigera	Seed Weevil
Control:	Cultural Practices	Weed control Soil contours.	chemical Control NPK	Smoke out (Aromatic Mixture) Remove dropped fruit