



Real World Problem Scenario

Scenario:	Tomato Plants
Business:	Washington County OSU Extension
Business Participant:	Marcus McCartney - ANR Educator
Career Cluster(s):	Agriculture, Food and Natural Resources
Grade Level:	9-12
Standards & Skills:	Plant Science 8.1.1 Compare and contrast organic and inorganic sources of macronutrients and micronutrients 8.1.8 Calculate nutrient requirement and select nutrient sources and additives for optimum economic return

Problem Description:

Someone in the community calls and wants to plant tomatoes in a garden. How do you successfully produce blue ribbon tomatoes for the fair?

Things to be considered or defined for the solution:

- Soil Testing
- What variety of seeds
- When to plant
- When to work in the garden
- Stakes or cages?
- Where to plant
- Organic or inorganic?
- Fertilizers
- Disease and insects
- Harvest time

- Customer' perceptions

