



# Plant Fundamentals

Youth Apprenticeship

## PLANT FUNDAMENTALS

---

Plant Fundamentals introduces apprentices to key skills in plant related apprenticeships: crops, landscape, and floral/greenhouse.

**Length of Apprenticeship:** One year. Youth apprentices can enter the Crops, Landscape or Greenhouse/Floral youth apprenticeship for a second year.

## COMPETENCIES

---

Youth apprentices work with a job site mentor to demonstrate the following competencies.

Youth apprentices must complete a **total of 10** competencies. **Nine** must be from the list below. If necessary, employers can substitute **1** competency with another occupationally appropriate skill. That skill should be added to the competency list for assessment.

Competencies
1. Perform job preparation
2. Prepare planting spaces
3. Perform plant installation
4. Perform plant maintenance
5. Assist to install and maintain watering and/or irrigation systems
6. Apply compost and other fertilizers as allowed <b>NOTE: Only certified professionals can prepare, load, apply, and handle pesticide(s)</b>
7. Manage inventory
8. Assist to maintain agribusiness records
9. Gather supplies and equipment
10. Sharpen hand tools

## REGISTERED APPRENTICESHIP BRIDGING OPPORTUNITIES

---

The following Registered Apprenticeship is available in this area:

- Organic Vegetable Farm Manager

## POST-SECONDARY PATHWAY OPPORTUNITIES

---

There are several post-secondary pathway opportunities in this area. Following is partial list.

- Agribusiness Science and Technology – Agronomy
- Horticulture