



ANIMAL FUNDAMENTALS

Animal Fundamentals youth apprentices gain skills applicable the fundamental care and management of animals, including feeding, animal health, equipment operation and service, and facility maintenance.

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

COMPETENCIES

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

Competencies
<ol style="list-style-type: none">1. Clean and maintain animal quarters2. Handle animals safely3. Mix feed and additives4. Manage animal waste5. Monitor animal physical characteristics for health6. Assist with animal exam7. Collect diagnostic samples for food and/or testing8. Maintain animal care and business records9. Assist with inventory control10. Examine facility business and marketing plan

REGISTERED APPRENTICESHIP BRIDGING OPPORTUNITIES

Some of the related instruction courses can bridge into the following registered apprenticeship:

- Dairy Grazier

POST-SECONDARY PATHWAY OPPORTUNITIES

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

- Agribusiness – Dairy Management
- Dairy Science



ANIMAL FUNDAMENTALS

Youth Apprenticeship

ON-THE-JOB LEARNING PERFORMANCE STANDARDS GUIDE

YOUTH APPRENTICE INFORMATION

Youth Apprentice Name	
YA Coordinator	YA Consortium
School District	High School Graduation Date

REQUIREMENTS

Youth apprentices must complete ALL the items listed below. Check completed areas.

- Year 1 Competency checklist
- Employability Skills checklist (in this job book) or the DPI Employability Skills Certificate
- Related instruction equal to 1 high school credit or at least 3 college credits
- Minimum of 450 work hours

HOURS

Record the hours the youth apprentice worked.

Total Hours Employed	Company Name	Telephone Number

COMPETENCIES

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Rating Scale

3: Exceeds entry level criteria | Requires minimal supervision | Consistently displays this behavior

2: Meets entry level criteria | Requires some supervision | Often displays this behavior

1: Needs improvement | Requires much assistance and supervision | Rarely displays this behavior

Competency and Rating Criteria	Minimum Rating of 2 for EACH Check Rating		
	1	2	3
1. Clean and maintain animal quarters <ul style="list-style-type: none"> wear required PPE perform sanitation perform disinfection assemble replacement bedding or substrate maintain light, temperature, humidity, and air exchange manage animal waste 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Handle animals safely <ul style="list-style-type: none"> use calming methods to settle animal follow safety procedures apply harnesses and/or restraint systems use humane restraint techniques 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Mix feed and additives <ul style="list-style-type: none"> obtain ingredients required for mix calibrate mixing equipment operate mixing equipment safely determine correct amounts for mixing label and store mix 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Manage animal waste <ul style="list-style-type: none"> wear PPE ensure proper ventilation and airflow for area to be cleaned collect material using appropriate containers handle waste material as required disposes of waste material as required 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Competency and Rating Criteria	Minimum Rating of 2 for EACH Check Rating		
	1	2	3
5. Monitor animal physical characteristics for health <ul style="list-style-type: none"> • observe animal gait • note abnormal animal behaviors • assess physical conditions • measure weight and height • examine teeth • assess mucous membranes and other discharges • measure temperature, pulse, and respiration • assess appetite and food/water intake • assess body condition score and lameness 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Assist with animal exam <ul style="list-style-type: none"> • prepare animal for exam • perform simple diagnostic procedures as directed • identify possible ailments • assist in treatment 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Collect diagnostic samples for food and/or testing <ul style="list-style-type: none"> • prepare animal for sample collection • collect sample or animal product • maintain proper hygiene to avoid contamination • document collection 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Maintain animal care and business records <ul style="list-style-type: none"> • complete forms • label and code documents • file forms and records • retrieve and replace files • edit and maintain electronic data 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Assist with inventory control <ul style="list-style-type: none"> • verify accuracy of incoming items • monitor inventory levels • restock shelves • perform inventory counts • document inventory 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Examine facility business and marketing plan <ul style="list-style-type: none"> • identify business goals and objectives • examine how business records are kept and maintained • identify products for sale • review cost of production • review pricing structures • explore markets for selling products 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Competency and Rating Criteria	Minimum Rating of 2 for EACH Check Rating		
	1	2	3
Competency Substitute (if you replaced a competency above, note the competency and rating)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments:			

RELATED INSTRUCTION

Indicate which related instruction courses the youth apprentice completed:

Course Title	Credits	Location