

ANIMAL/HERD

Animal/Herd youth apprentices gain skills applicable the care and management of large and herd animals, including feeding, animal health, equipment operation and service, and facility maintenance.

Length of Apprenticeship: One year. Youth apprentices must have completed Animal Fundamentals prior to beginning this youth apprenticeship.

COMPETENCIES

Youth apprentices must complete **a total of 13** competencies per year. **Twelve** 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. *Note: The successful completion of Animal Fundamentals is required prior to starting this pathway.*

Competencies
<ol style="list-style-type: none"> 1. Perform animal grooming 2. Feed animals 3. Mark animals for identification 4. Handle animals safely 5. Monitor animal food and water supplies 6. Support optimization of animal performance and production 7. Collect and process animal products and by-products 8. Assess animals for reproduction 9. Assist with birthing 10. Prevent the spread of animal diseases 11. Operate equipment and machinery 12. Service equipment and machinery 13. Maintain facilities

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 – Livestock Management
- Dairy Science Technician



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. Perform animal grooming <ul style="list-style-type: none"> • brush or rub down animal • clip nails/talons/clean hooves • clip or shear hair, as needed • bathe animals • spray animals with disinfectant and insecticides • clean ears • dehorn animals, as needed report observations 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Feed animals <ul style="list-style-type: none"> • replace or freshen water supplies • ensure water systems are insulated, adjusted for height and flow rate and supplies are adequate • select appropriate feed • mix feed, additives and medicates • add, replace, or freshen feed • clean food and water containers as needed document feeding and watering times 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Mark animals for identification <ul style="list-style-type: none"> • place animal for marking • assemble tools and equipment • mark animal using brands, tags, paints, or tattoos • clean and sanitize marking equipment • observe animal for infection 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Competency and Rating Criteria	Minimum Rating of 2 for EACH Check Rating		
	1	2	3
4. Handle animals safely <ul style="list-style-type: none"> • approach the animal(s) in a calm and quiet manner • gather the animal(s) • manage animal(s) separated from the group • patrol land for wandering animals • reduce animal agitation and anxiety • identify animal fight or flight behaviors • avoid animal blind zones 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Monitor animal food and water supplies <ul style="list-style-type: none"> • store feed at correct temperature and conditions • record consumption of feed and water • test water supplies 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Support optimization of animal performance and production <ul style="list-style-type: none"> • assess animal performance • ensure appropriate environment for production • modify environment to achieve optimum performance • record animal performance • compare performance to feed variations 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Collect and process animal products and by-products <ul style="list-style-type: none"> • practice safe and sanitary procedures • clean tools and equipment • harvest animal products 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Assess animals for reproduction <ul style="list-style-type: none"> • observe animal readiness for reproduction • review the genetic traits needed • review testing and production records • identify the source of the desired group of genes • adhere to safe and sanitary procedures 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Assist with birthing <ul style="list-style-type: none"> • wear appropriate personal protective equipment (PPE) • prepare a source of heat for the newborn • prepare bedding for the newborn • observe female for signs of distress • refill water and feed as needed 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Competency and Rating Criteria	Minimum Rating of 2 for EACH Check Rating		
	1	2	3
10. Prevent the spread of animal diseases <ul style="list-style-type: none"> • wear appropriate personal protective equipment (PPE) • test new animals for disease • isolate and monitor new animals • assist with vaccination and pest prevention • sanitize loading areas and transport vehicles 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Operate equipment and machinery <ul style="list-style-type: none"> • inspect equipment and machinery for safe use • wear appropriate personal protective equipment (PPE) • follow safe operating protocols • use guarding devices where appropriate • follow clean up and shut down procedures 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Service equipment and machinery <ul style="list-style-type: none"> • clean equipment • perform preventative maintenance • check lubrication and fluid levels • maintain lubrication and fluid levels • calibrate equipment 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Maintain facilities <ul style="list-style-type: none"> • clean work areas • keep water clean • clean animal quarters • inspect areas for safety and repair needs • assist with facility repairs 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Competency Substitute (if you replaced a competency above, note the competency and rating)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments:			