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| Title | **Supervise farm assets** |
| Level | **3** | **Credits** | **22** |

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| Purpose | This competency standard identifies the competencies required to Supervise Farm assets to improve farm efficiency. You will be expected to Supervise Farm Labour, Maintain Farm Machinery and Provide Suitable Housing. |

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| Classification ISCED | 0811 Crop and livestock production |

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| Available grade | Competent / Not yet competent |

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| Modification history | N/A |

| **Competency Unit** | **Performance Criteria** | **Knowledge and Understanding** |
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| **E1 – Supervise Farm Labour** | ***Trainee will be able to:***P1. Assign daily duties for the completion of the farm tasksP2. Monitor Performance for improvements and better utilization of staffP3. Create conducive environment for efficient outputP4. Supervise Farm staff/security | * ***Trainee must know and understand***

K1. Basic Welfare of labour admissible under the prevailing rules of the countryK2. Performance indicatorsK3. Managemental toolsK4. Security protocols |
| **E2 – Maintain Farm Machinery** | ***Trainee will be able to:***P1. Ensure smooth operations of farm machinery by calibrating to optimal specificationsP2. Ensure preventive maintenance is carried out according to manufacturer requirement P3. Adopt safety measures while performing the maintenance of the farm machineryP4. Calibration of weigh bridge to ensure accuracy in weighing | * ***Trainee must know and understand***

K1. Preventive Maintenance of Machinery like;* Milking Machine
* Milk Chillers
* Fodder Movers
* Chopper
* Harvester
* Silage Machine
* Tractor
* Baling machine
* Weighing scales
* Generators
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| **E3 – Provide Suitable Housing** | ***Trainee will be able to:***P1. Ensure the suitable housing of livestock to meet animal comfort standards P2. Supervise the removal of Manure efficiently according to standards and its utilization in biogas plantsP3. Ensure the Quarantine Section to prevent the transmission of the disease to livestock | ***Trainee must know and understand***K1. Housing standards which include* Stall area,
* Paddock loafing and Rest area,
* Milking parlour area,
* Calf pens, heifers and dry animals pens, pregnant animals pens,
* Bull paddock, Sick animals pen,
* Cooling systems, water troughs,
* Sand usage in rest area.
* Quarantine section
* **Required Space**
* **Clean Water troughs**
* **Farm Hygiene**
* **Weather Stress Management**
* **Lighting**

K2. Farm hygiene standardsK3. Utilization of manure as organic fertilizer and its inversion K4. Biogas plant mechanism as per farm capacityK5. Disease vectors and quarantine procedures |