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| Title | **Maintain farm assets** |
| Level | **2** | **Credits** | **16** |

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| Purpose | This competency standard identifies the competencies required to maintain farm records. Trainee will be able to prepare data sheets including farm production, farm inputs, utility bills and farm accounts etc. |

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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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| **B1.** Maintain input and farm production records  | *Trainee will be able to:*P1. Record the crop specific inputsP2. Record the irrigational requirements according to crop P3. Record of crop specific cultivationP4. Record the crop production for data reference P5. Record irrigation charges and power tariff | * *Trainee must know and understand*

K1. Type of fertilizer to be used at the farmK2. Types and concentration of Pesticide, fungicide and herbicide K3. Types and variety of Seed and their sowing ratesK4. Fertility level of soil and quality of irrigation water available K5. Canal irrigation scheduleK6. Alternative sources of irrigation K7. Types of implements used for cultivation K8. Handling of total yield or produce K9. Modern techniques of storage K10. Agriculture and market taxes |
| **B2.** Prepare and maintain log books of farm machinery | *Trainee will* be able to:P1. Design basic template for log booksP2. Maintain log books as per requirement on regular basisP3. Ensure maintenance protocol based on log book entry  | *Trainee must* know and understand:K1. Importance of the log bookK2. Storage and utilization of Fuel and Lubricants K3. Cost effective efficiency of farm machinery K4. Calculation of fuel consumption K5. Maintenance protocols  |
| **B3.** Maintain farm/labour accounts | *Trainee will* be able to:P1. Enlist and categorise the labour according to their skill P2. Prepare the labour accounts and other expenditures of farmP3. Determine cost of farm production for profit and loss of farm  | *Trainee must* know and understand:K1. Wage ratesK2. Basic labour laws K3. Types of labour K4. Labour trends K5. Basic accountancy  |