|  |  |
| --- | --- |
| Title | **Inspect delivered seed cotton for quality standards** |
| Level | **2** | **Credits** | **6** |

|  |  |
| --- | --- |
| Purpose | These competency standards will ensure that the trainee has gained skills to inspect seed cotton which is delivered in the ginning factory to ensure required quality standards. |

|  |  |
| --- | --- |
| Classification ISCED | 0811 Crop and livestock production |

|  |  |
| --- | --- |
| Available grade | Competent / Not yet competent |

|  |  |
| --- | --- |
| Modification history | N/A |

|  |  |  |
| --- | --- | --- |
| **Competency Unit** | **Performance Criteria** | **Knowledge Criteria** |
|  |  |  |
| **B-1**: Check moisture | P.1: Calculate the presence of moisture contents in the | K.1: Explain the configuration of moister ratio in the seed |
| ratio | seed cotton. | cotton. |
|  | P.2: Demonstrate the application of moisture assessing | K.2: Explain the calibration and appropriate way of taking |
|  | equipment. | reading through the moisture meter. |
|  | P.3: Demonstrate the standard industry procedures to |  |
|  | minimize the moisture in the cotton. |  |
|  |  |  |
| **B-2**: Check | P.1: Identify the diseased and healthy seed cotton at the | K.1: Explain the merits and demerits of classification of |
| diseased cotton ratio | arrival stage. | cotton for having good quality seed cotton. |
|  | P.2: Measure the percentage of diseased cotton in the | K2 Explain the procedures for calculating the percentage of |
|  | heap of seed cotton. | diseased cotton |
|  |  | K3 Describe the importance of adverse effects of higher |
|  |  | limits of diseased cotton ratio in any heap. |
|  |  |  |
| **B-3**: Check non fiber | P.1: Identify the types of contamination in seed cotton in | K.1: Explain the importance of segregation of non-fiber |
| foreign matters in | different organic and non-organic forms. | matters. |
| Seed Cotton |  |  |
|  | P.2: Demonstrate the procedure to apply the different | K2 Describe common types of fiber and non-fiber |
|  | equipments i.e. Dandari, Khillari, etc. used for | contaminants |
|  | checking/separation of non-fiber elements. |  |
|  |  |  |
| **B-4**: Calculate trash | P.1: Identify various types of trash. | K.1: Describe the various trash exemption percentages by |
| percentage |  | region. |
|  | P.2: Determine the trash percentage in a given sample. | (For instance, around 2.5 % in Multan). |

|  |  |  |
| --- | --- | --- |
| **B-5**: Maintain | P.1: Demonstrate the net weighing and record keeping | K.1: Tabulate various thresholds of contamination, diseased |
| records of complete | procedures for total payment | cotton and trash. |
| inspection |  |  |
|  | P.2: Record the presence of moisture, diseased cotton | K 2 Explain the procedures and formats for recording |
|  | and trash by using correct record keeping. | complete inspections. |
|  | P.3: Perform the record keeping of inspection in |  |
|  | computers along with pictorial expressions. |  |
|  |  |  |