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| Title | **Carry out weed management** | | |
| Level | **3** | **Credits** | **10** |

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| Purpose | These competency standards will ensure that the trainee will be able to apply suitable weedicides and removal of weeds from the chilli fields |

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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 |

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| **Competency Unit** | **Performance criteria** | **Knowledge & Understanding** |
| **C-1 :**Select and apply suitable weedicides for chilli crop | **Trainee will be able to:**  **P1.** Select the suitable weedicides  **P2.**Get the selected weedicide from registered certified/ reliable dealers  **P3.**Apply the weedicide at weeds  **P4.**Determine the proper timings of weedicide application at weed growth stage  **P5.**Select appropriate sprayers  **P6.**Select appropriate nozzles for sprayers **P7.**Calibrate the selected sprayers **P8.**Select appropriate methods of weedicide  application | **Trainee will be able to describe and explain: K1.**Types of weed  **K2.**Impact of weeds on the production of chilies  **K3.**Types of weedicides commonly used in chilli crops  **K4.**Knowledge regarding the mode of action of different weedicides  **K5.**Recommended application procedures and dosage of weedicides  **K6.**Types of sprayer  **K7.**Importance of usage of different sprayers  **K8.**Calibration of selected sprayers |
| **C-2**: Identify weeds in the chilli field and apply procedures for their removal | **Trainee will be able to:**  **P1.** Recognize the weeds in the chilli field  **P2.**Select the appropriate method to prevent weed | **Trainee will be able to describe and explain:**  **K1.**Types of weeds commonly grown on the chilli field  **K2.**Knowing the difference between the types of weed |

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|  | **P3.**Apply the appropriate preventive measures for weeds  **P4.**Select appropriate method of weed removal **P5.**Remove the weeds at appropriate timings **P6.**Remove weeds manually  **P7.**Remove weeds physically  **P8.**Remove weeds chemically | **K3.**Merits of prevention and control of weeds in the field  **K4.**Information about the different methods of weed control  **K5.**Importance of weed removal at proper timings Knowledge about Integrated Weed Management Practices (IWMP) |