

Career Cluster: Agriculture & Natural Resource

College: Yakima Valley Community College

Related Prior Learning Outcomes

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| <p>Program: AGRICULTURE – VINEYARD TECHNOLOGY (AAS)</p> <p>Course: AG 125 – SAFETY & LABOR MANAGEMENT</p> | <p>Program: WASHINGTON DEPARTMENT OF AGRICULTURE PESTICIDE LICENSE</p> <p>License: PRIVATE APPLICATOR LICENSE</p> |
| <p>Course Learning Outcomes:</p> <ul style="list-style-type: none"> • Set up an effective safety management program for an on-farm production or general agribusiness enterprise. • Safely use pesticides as one component of integrated pest management programs. • Describe the causes of accidents and discuss the various costs associated with accidents. • Identify common safety hazards in the workplace. • Describe the purpose of safety training and explain the role of a safety coordinator. • Indicate how to correct hazards and develop and apply safety rules to prevent accidents. • Recognize a Material Safety Data Sheet and a pesticide label and obtain required information from them. • Recognize and describe the different classes of pesticides and pesticide formulations. • Apply principles of pesticide chemistry, rate, safety, and | <p>License Learning Outcomes:</p> <ul style="list-style-type: none"> • Understand federal and Washington State pesticide laws as well as other laws that affect pesticide users. Identify the various regulatory agencies responsible for enforcement. • Define different types of pesticide formulations and uses. • Identify parts of a pesticide label and understand the information contained on the label. Understand terminology associated with pesticide use. • Describe pesticide hazards and health concerns and measures in place to protect people from exposure. • Understand how to safely and legally use, store, transport, manage spills and dispose of pesticides. • Identify the environmental consequences of improper pesticide use. • Distinguish the different types of application equipment and how they are calibrated and maintained. • Define integrated pest management strategies. |

PLA Rubric Sample

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| <p>regulation to describe ways to minimize risk to the environment and the applicator.</p> <ul style="list-style-type: none"> • Take the WSDA Private Pesticide Applicator license exam. | <ul style="list-style-type: none"> • Describe characteristics of insects, mites and similar relatives. Indicate the damage they cause and understand how to manage them. Identify the problems associated with insecticide use. • Describe characteristics of weeds, chemical and non-chemical means of managing them, and herbicide activity, selectivity and resistance. • Distinguish the major groups of plant pathogens and how they develop, are diagnosed and controlled. • Understand the principles and legal considerations of vertebrate management as well as the various control methods. • Washington State Department of Agriculture Private Applicator licensing exam. |
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Course Credit: 5

Assessment Method(s):

Approximate Faculty/Staff Hours to Administer: