

BULLETIN 96 - 03

Date: October 31, 1995

U.S. Department of Labor Employment and Training Administration Office of Apprenticeship Training, Employer and Labor Services (OATELS) Washington, D.C. 20210	<u>Distribution:</u> A-541 Headquarters A-544 All Field Tech A-547 SD + RD+ SAC + Lab Com	<u>Subject:</u> New Apprenticeable Occupation --Agricultural Service Worker <u>Code:</u> 200r
Symbols: DSNIP/FDK		<u>Action:</u> Immediate

PURPOSE: To inform Office of Apprenticeship Training, Employer and Labor Services (OATELS), Bureau of Apprenticeship and Training (BAT) Staff of a new apprenticeable occupation:

Agricultural Service Worker
O*NET Code: 37.3012.00
RAIS Code: 0703
Training Term: 4000 hours (2 years)
Type of Training: Time - based

BACKGROUND: Request for apprenticeability consideration for this occupation was submitted by ATR Colleen P. Henry, Des Plaines, IL, for Growmark, Inc., Bloomington, IL.

The occupation does not appear in the **Dictionary of Occupational Titles**; however, a temporary Code has been assigned by an Occupational Analysis Field Center.

Some of the skills involved in this occupation include mixing and blending chemicals and pesticides, set-up and calibration of application systems, and application of commercial pesticides.

We appreciate the efforts Ms. Henry made in expanding apprenticeship into this new area.

A suggested work process schedule and outline of related instruction is attached.

This occupation will be added to the Bureau's list of recognized apprenticeable occupations.

For further information contact ATR Colleen P. Henry.

NOTE: This Bulletin is being sent via AIMS Mail System (E-Mail). Bureau State Directors should provide copies to their SAC customers as appropriate.

Attachments

WORK PROCESS SCHEDULE
AGRICULTURAL SERVICE WORKER
O*NET Code: 37.3012.00 RAIS Code: 0703

COMPETENCIES LIST: Prior to attaining journeyman status all apprentices must be proficient in:

1. Driving Commercial vehicle and attaining a CDL license
2. Application of Commercial Pesticides
3. Attaining a pesticide applicator license
4. Attaining the hazardous material handling certification.
5. Blending and mixing of chemicals and pesticides
6. Operation and maintenance of material handling systems and equipment
7. Entry of data into computers
8. Storage of hazardous materials and pesticides
9. Storage, handling and collection of samples
10. Set-up and calibration of application systems
11. Understanding and knowledge of all relative safety procedures and Laws

ON-THE-JOB-TRAINING OUTLINE

	APPROXIMATE PERCENT	HOURS
Agricultural Service Technician - Cropping Systems	2	80
Safety and Regulations		
<ul style="list-style-type: none"> ▪ Regulations -- Federal, State and Local ▪ Restricted use pesticides ▪ Pesticide Labeling ▪ Material Safety Data Sheets ▪ Protective clothing and equipment ▪ Basic First Aid ▪ Identifying, storing, transporting, handling, mixing and disposing of pesticides and used containers ▪ Environmental consequences of product use ▪ Soil and water problems ▪ Preharvest intervals ▪ Reentry intervals ▪ Phytotoxicity ▪ Inspections; daily, weekly, monthly, annual 		
Equipment Operation	35	1400
<ul style="list-style-type: none"> ▪ Self-propelled flotation pesticide ▪ Self-propelled flotation fertilizer ▪ Post emergence row type application procedures ▪ Tender Truck procedures and operation ▪ Mixers operation and procedures ▪ Fork Lift operation and uses ▪ Loader operation and uses ▪ Material Handling procedures ▪ CDL training and testing ▪ Transportation regulations 		

	APPROXIMATE PERCENT	HOURS
Crop Monitoring/Soil Sampling	10	400
<ul style="list-style-type: none"> ▪ Field soil sampling procedures ▪ Interpreting soil test results ▪ Field scouting procedures ▪ Weed and pest identification ▪ Product knowledge and uses 		
Equipment Setup and Maintenance	33	1320
<ul style="list-style-type: none"> ▪ Dry and liquid equipment calibration ▪ Engine and drive train maintenance ▪ Spray systems basic repair and maintenance ▪ Broadcast systems basic repair and maintenance ▪ Material handling equipment repair and maintenance 		
Agricultural Service Technician - Cropping Systems	10	400
Pesticide Handling		
<ul style="list-style-type: none"> ▪ Product rates and uses ▪ Application techniques and procedures ▪ Complaint handling procedures ▪ Mixing procedures and processes ▪ Drift Prevention ▪ Commercial Pesticide License training 		
Fertilizer Handling	10	400
<ul style="list-style-type: none"> ▪ Blending rates ▪ Blending procedures ▪ Product knowledge and identification ▪ Product rates and uses ▪ Complaint 		
TOTALS	100%	4000

RELATED INSTRUCTION

	<u>1st Year Hours</u>
<ul style="list-style-type: none"> ▪ General Business Orientation ▪ Crop Scouting School ▪ Annual Pesticide Use Education ▪ Crop Monitoring Training ▪ Custom Application Training ▪ Custom Application Equipment Training ▪ Annual Safety Training ▪ (Safety Training Should Include Hazardous Spills and Use of Fire Extinguishers Where Appropriate) 	 8 8 8 4 8 8 4

REQUIRED TRAINING AND LICENSING

▪ Commercial Drivers License	8
▪ Commercial Pesticide Applicators License	8
▪ Math, Geometry, and Algebra	
• Agricultural Computations	36
▪ Basic Mechanics	
• Agricultural Mechanics	<u>44</u>

TOTAL 1st YEAR **144**

2nd Year Hours

▪ Annual Pesticide Use Education	8
▪ Annual Safety Training	4
▪ (Safety training should include Hazardous Spills and Use of Fire Extinguishers Where Appropriate)	
▪ Basic Crop Production	60
▪ Agricultural Fertilizers and Chemicals	36
▪ Agricultural, business or science electives	36
• Basic Animal Science	
• Livestock Production	
• Feed Manufacturing	
• Agricultural Marketing	
• Advanced Ag Mechanics	
• Sales and Marketing	

TOTAL 2nd YEAR **144**