

Agricultural Safety Health and Risk Management Certificate Program™ (AgSHARP™)

July 25th – 28th 2017 - Monterey, California - Casa Munras Hotel and Spa

TUESDAY

TIME	TOPIC /MODULE
8:00 – 8:30 am	Introduction and Overview <ul style="list-style-type: none"> Welcome, Introductions, Paperwork Overview of certificate program Ever-changing Landscape of Agriculture
8:30 – 9:00 am	Ice breaker <ul style="list-style-type: none"> What do you hope to gain from this course? What challenges and barriers to safety do you face at your workplace(s)? Where you are at with your safety program?
9:00 – 10:00 am	Methods and Approaches to Hazard and Risk Management <ul style="list-style-type: none"> Principles and Concepts
10:00 – 10:15 am	BREAK
10:15 – 11:30 am	Methods and Approaches to Hazard and Risk Management (cont.) <ul style="list-style-type: none"> Engineering and Technology Regulations Training, Education and Behaviors
11:30 – 12:00 pm	Regulatory Agencies: OSHA and Other Safety and Health Regulations <ul style="list-style-type: none"> Federal OSHA/State Programs/LEPS General Duty Clause USDOL Hazardous Occupations Orders for Agriculture EPA Worker Protection Standards County Agricultural Commission
12:00 – 12:45 pm	LUNCH
12:45 – 2:15 pm	Agricultural Injury and Illness Hazards and Preventative Measures <ul style="list-style-type: none"> Brief Overview of Injury & Illness Data Overview of Types of Operations (Animal, Labor Intensive, Mechanical) Tractors, Machines, Mechanized Equipment
2:15 – 2:30 pm	BREAK
2:30 – 4:30 pm	Agricultural Injury and Illness Hazards and Preventative Measures (cont.) <ul style="list-style-type: none"> Buildings, Structures, Hoop Houses, Indoor Working Environments Ergonomic (Manual harvesting, repetitive motion, musculoskeletal). Transportation & Motor Vehicles (transporting riders, public road travel)
4:30 – 5 pm	<ul style="list-style-type: none"> Topics in Ag Ergonomics “Show and Tell”

WEDNESDAY

8:00 – 10:15 am	Agricultural Injury and Illness Hazards and Preventative Measures (cont.) <ul style="list-style-type: none"> Electrical (Wiring, fire, lockout-tagout, irrigation)
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	<ul style="list-style-type: none"> • Respiratory (Organic dust, molds, gases from stored feed, etc.) • Outdoor Work (sun, heat, night work, cold, etc.) • Pesticides & Other Chemicals (vapors, skin diseases, etc.) • Confined Spaces • Animal (Behaviors, handling, veterinary pharmaceuticals, needle sticks, etc.)
10:15 – 10:30 am	BREAK
10:30 – 11:30 am	Ag Management – Special Issues and Considerations <ul style="list-style-type: none"> • Agricultural Workforce (discussion of workforce and considerations including culture, language, aging, literacy, migrant issues) • H-2A and other seasonal workers • Relationship of Employers, Contractors and FLCS
11:30 – 12:15 pm	LUNCH
12:15 – 2:15 pm	Required OSHA Written Programs <ul style="list-style-type: none"> • Injury and Illness Prevention Program • Hazard Communications • Lockout/Tagout • Respiratory • Noise • Tractor & Machinery • Personal Protective Equipment • Heat Illness • Others
2:15 – 2:30 pm	BREAK
2:30 – 5:00 pm	Managing for Safety and Health <ul style="list-style-type: none"> • Overview & Objectives • Management Leadership <ul style="list-style-type: none"> ○ Creating a culture of safety ○ Characteristics of safety Leadership ○ Safety policy • Worker Involvement • Hazard Identification and Assessment <ul style="list-style-type: none"> ○ Hazard vs. risk ○ Quantifying risk
THURSDAY	
8:00 – 10:30 am	Managing for Safety and Health (cont.) <ul style="list-style-type: none"> • Hazard Identification and Assessment (cont.) • Good and bad inspection forms • Developing Hazard Prevention and Control Measures <ul style="list-style-type: none"> ○ Haddon Matrix ○ Safety hierarchy ○ Job Safety Analysis
10:30 – 10:45 am	BREAK
10:45 – 12:30 pm	Managing for Safety and Health (cont.) <ul style="list-style-type: none"> • Developing Effective Employee Education and Training <ul style="list-style-type: none"> ○ Principles for safety training of adults ○ Structuring safety learning & training ○ Using current events as learning opportunities
12:30 – 1:15 pm	LUNCH

1:15 – 3:00 pm	Managing for Safety and Health (cont.) <ul style="list-style-type: none"> • Injury Investigation • Auditing for Safety Program Improvement
3:00 – 3:15 pm	BREAK
3:15 – 4:30 pm	Cost/Benefit Analysis of Safety Programs <ul style="list-style-type: none"> • Direct and Indirect Costs of Injury • Increased production needed to pay for injury costs • Worker Compensation Insurance
4:30 – 5 pm	Review of days' activities
FRIDAY	
8:00 – 9:15 am	Personal Protective Equipment <ul style="list-style-type: none"> • Review of the various types of PPE <ul style="list-style-type: none"> ○ Respiratory Protection ○ Hearing protection ○ Garments ○ Eye Protection ○ Foot Protection • Evaluate what types of PPE should be utilized based on the hazard assessment • Common misconceptions when choosing PPE • OSHA Requirements
9:15 – 10:45 am	Emerging Issues and Technology – Impact on Agricultural Safety and Health <ul style="list-style-type: none"> • New Technologies (drones, robotics, precision ag, pesticide application, etc.) • Safety and Health Apps • Challenges of regulations not keeping up with technology • Impact of Food Safety Concerns (employee safety – work in conjunction with food safety) • Social Responsibility/Sustainability/Supply Chain (audits) • Global Issues
10:45 – 11:15 am	National Approaches to Agricultural Safety and Health Certified Safe Farms <ul style="list-style-type: none"> • ROPS Retrofit Programs • ASHCA • ISASH • NIOSH • USDA • NORA
11:15 – 11:30 am	Resources and References for Hazard and Risk Management
11:30 – 12:00 am	Wrap up and Discussion
12:00 – 12:15 am	Evaluation
12:15 – 12:30 pm	Presentation of Certificates