Partnering to Prevent Agricultural Fatalities in Oregon

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Prevention

Surveillance
Investigation
Assessment
Outreach
Why Agriculture?

- Experience fatalities 9x
- 1/100 lost time
Why Agriculture?

- 37% tractors
- Improve equipment safety
Agricultural Worker Fatalities in Oregon (2003-2015)

- Transportation (Mobile Machinery): 21
- Contact with objects and equipment: 21
- Transportation (MVA): 12
- Violence: 10
- Exposure: 6
- Fire/Explosion: 3
- Fall: 3
- Transportation (Air): 2
- Transportation: 1
OR-FACE Partnerships in Ag

• SAIF Agriculture Safety Seminar Series
SAIF Ag Safety Seminar Series

**Ag seminars**
SAIF provides these free agricultural safety seminars throughout the state—including nine in Spanish.
Where the Partnership is Taking Us

Strategic partnership with SAIF

• Identified ag sub-sector

Social Network Analysis

• Partner with wine growers to identify and analyze their social networks
Social Network Analysis

Mapping pathways of information and influence

Identify network strength and weakness
Social Network Analysis

Mapping pathways of information & influence

Identify network strength & weakness

Use pathways to target safety communications

Goal: Quicker adoption of safety practices on smaller farms
Partnering with Oregon Wine Growers

• Facilitated by OSU Dept. of Horticulture Extension
Oregon Winemaking

700 wineries, 13 regions

Economic impact: $ and jobs
Oregon Winemaking

700 wineries, 13 regions

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Inherent risks & hazards

AVA MAP OF OREGON

Willamette Valley
- Chehalem Mountains
- Ribbon Ridge
- Dundee Hills
- Yamhill-Carlton
- Eola-Amity Hills
- McMinnville

Columbia Gorge
Columbia Valley
Walla Walla Valley
Snake River Valley

Southern Oregon
- Umpqua Valley
- Red Hill Douglas County
- Elkton Oregon
Rogue Valley
Applegate Valley
SNA in Wine Growers

Approaches

- Job shadow(s)

Goals

- Better sense of vineyard equipment and technology
- Understand how crews are supervised in the field
- Learn industry “vocabulary”
“Wine Growers”
SNA in Wine Growers

Approaches
- Survey

Goals
- Go-to person for safety advice
- Organizational influencers
- Equipment needs
Social Network Map
Examples

Orgnet LLC
Next Steps

• Survey... ID opinion leader... Safety info to disseminate...

❤️ Quicker adoption of safety innovations...

❤️ Prevent occupational fatalities
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