Partnering to Prevent Agricultural Fatalities in Oregon

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Surveillance
Investigation
Prevention
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)

<table>
<thead>
<tr>
<th>Cause</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transportation (Mobile Machinery)</td>
<td>21</td>
</tr>
<tr>
<td>Contact with objects and equipment</td>
<td>21</td>
</tr>
<tr>
<td>Transportation (MVA)</td>
<td>12</td>
</tr>
<tr>
<td>Violence</td>
<td>10</td>
</tr>
<tr>
<td>Exposure</td>
<td>6</td>
</tr>
<tr>
<td>Fire/Explosion</td>
<td>3</td>
</tr>
<tr>
<td>Fall</td>
<td>3</td>
</tr>
<tr>
<td>Transportation (Air)</td>
<td>2</td>
</tr>
<tr>
<td>Transportation</td>
<td>1</td>
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</tbody>
</table>

OR-FACE
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.
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

AVA MAP OF OREGON
Oregon Winemaking

- 700 wineries, 13 regions
- Economic impact: $ and jobs
- Inherent risks & hazards
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
Next Steps

- Survey... ID opinion leader... Safety info to disseminate...
- ♥ Quicker adoption of safety innovations...
- ♥ Prevent occupational fatalities
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