



## Learning Outcomes

TOPIC	LEARNING OBJECTIVE
<b>AGRICULTURAL EXPOSURES AND HAZARDS</b>	<ul style="list-style-type: none"> <li>• discuss agricultural health and safety exposures and hazards</li> <li>• identify specific agricultural health and safety hazards modified to regional, local and personal exposures</li> </ul>
<b>PREVENTION STRATEGIES</b>	<ul style="list-style-type: none"> <li>• define hierarchy of control</li> <li>• identify different examples of engineering controls</li> <li>• discuss where PPE fits into the hierarchy of control</li> </ul>
<b>RESPIRATORY HEALTH</b>	<ul style="list-style-type: none"> <li>• define respiratory exposures in agriculture</li> <li>• discuss respiratory symptoms and disease related to exposures</li> <li>• demonstrate types of respirators (disposable, reusable, half-face/full-face)</li> <li>• review use of respiratory protection apparatus in agricultural settings</li> <li>• discuss and demonstrate respirator fit check and fit testing</li> </ul>
<b>EYE &amp; EAR SAFETY</b>	<ul style="list-style-type: none"> <li>• understand importance of right size and shape of safety glasses</li> <li>• understand anatomy of the ear</li> <li>• identify agricultural and non-agricultural related exposures that potentially cause hearing damage</li> <li>• discuss effect of hearing loss on health and quality of life</li> <li>• discuss preventive strategies to reduce exposure to noise</li> <li>• identify appropriate selection of hearing protection</li> </ul>
<b>ZOONOTIC DISEASE</b>	<ul style="list-style-type: none"> <li>• define zoonotic disease</li> <li>• identify transmission of zoonotic diseases and health effects</li> <li>• review common zoonotic diseases in agriculture</li> <li>• discuss measures to prevent the spread of zoonotic disease</li> <li>• discuss animal health, good hygiene and appropriate use of PPE</li> </ul>
<b>AGRI CHEMICALS</b>	<ul style="list-style-type: none"> <li>• identify routes of agricultural chemical exposures and long and short term health effects</li> <li>• understand agrichemical labels</li> <li>• discuss importance of skin protection and appropriate sized chemical resistant gloves</li> </ul>
<b>HEAT RELATED STRESS</b>	<ul style="list-style-type: none"> <li>• discuss sun safety in agriculture, work and play</li> <li>• discuss skin cancer prevention</li> <li>• identify methods to prevent heat related illnesses</li> </ul>
<b>PERSONAL PROTECTIVE EQUIPMENT (PPE)</b>	<ul style="list-style-type: none"> <li>• identify appropriate PPE selection and use based on exposures</li> <li>• understand importance of properly fitting PPE</li> <li>• interactive demonstration and fitting of PPE for each student</li> <li>• understand PPE classifications</li> </ul>
<b>WELLBEING</b>	<ul style="list-style-type: none"> <li>• identify specific causes of poor wellbeing in young person's working in agriculture</li> <li>• provision of education and tools to assist with addressing poor wellbeing</li> </ul>