Importance of Considering the Relationship between Heat, PPE Use, & Health, Wellness & Behavior

- High heat
- High humidity
- Exertion (exertional hyperthermia)
- Unaccustomed to working in heat

Risk for heat-related illness & fatality

- Respirators
- Chemical resistant clothing, gloves, headgear, & eye protection

Health, Wellness & Behavior

- Hypertension (high blood pressure)
- Diabetes
- Overweight/Obese
- Medication (diuretics)
- Dehydration
- Age
- Alcohol consumption (diuretic)

Adapted from: W. Jon Williams, PhD; NIOSH 2012 by Tutor-Marcom, NC Agromedicine Institute 2012