Orchard spraying

- Spray application typically using tractor pulled or mounted sprayers
- Concerns exist to improve chemical application accuracy, reduce losses due to drift and minimize off-target movement
- Need for improved application methods to reduce fuel, labor and chemical cost

SSCD system

- Provides fixed system to carry out any type of liquid application at a desired time of the day
- Accurately meters product thereby saves mixing time and chemical cost
- Potential to carry multiple spray routines with minimal fuel and labor cost
- Reduces drift/off-target movement of chemical
- Greatly enhances worker safety

Different concepts for SSCD system

SSCD system test setup at WSU Prosser