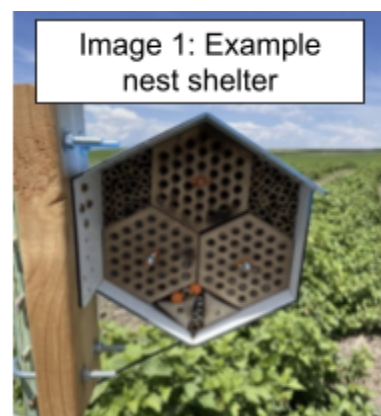


2024 Results Report

Background:

- *Osmia ribifloris* is a solitary cavity-nesting bee similar to the blue orchard bee (*Osmia lignaria*).
- *Osmia ribifloris* is a pollen specialist on plants within the blueberry family.
- This bee has been observed collecting blueberry pollen from farms but often abandons nests mid-season.



Methods:

- Placed nesting shelters (Image 1) on 3 blueberry farms in Oregon in 2024 3 at Duke Fields and 3 at Liberty.
- We stocked nests with 45 *Osmia ribifloris* bees each.
- We took pollen samples from completed nests to determine if they were pollinating blueberry blooms.



Results:

- 5 shelters had no nesting
- 1 shelter had nesting; a total of 48 bees (Image 2)
- We extracted 15 pollen samples
- All samples had at least 95% blueberry pollen (Image 3)

2025 Plans:

- Improve nesting rate by:
- Applying an *Osmia* pheromone lure
- Placing nests adjacent to semi-natural habitat (which solitary bees are drawn to).

