**Grower BFF: Hansen**

<https://www.google.com/maps/d/edit?mid=13PxwEItx146wef9Xsleosibs9CdL0MPo&ll=39.503647279786335%2C-122.30353248371175&z=15>

**Planted Acres (almonds):** 298 planted acres

* Hansen 1, Hansen 2

**Permanent Habitat:** 14.8 calculated acres

* Hansen Habitat 1, Hansen Habitat 4
* Area between active orchard and canal is undisturbed land and has several woody shrubs and small trees present. Seasonal wildflowers, mustard, tumbleweeds and other naturally occurring flowering plants are present in these areas.
* Representative photographs can be found in supplemental documentation.
* All orchards are within a 3-mile radius of at least one mapped permanent bee habitat

**Permanent as a Percentage of Total Acres:** 4.97% {14.8/298}

**Cover Crop:** 2021/22: 149 estimated acres (est. 50% coverage in orchards)

 Cover crop is not expressly planted, but orchards grow abundant flowering forage including mustard and vetch. Orchards are managed for the cover crop as if they were planted so forage is present during bloom.

**Other Habitat Considerations:** 3+ acres

 Area under power lines (Hansen Habitat 2,3) is left bare after PGE required tree removal. These areas are not farmed and have gone to weed with seasonal grasses and weeds present (like mustard and vetch in the ‘cover crop’). These areas may already represent habitat (But aren’t counted in permanent calculations), but also represent a possible enhancement opportunity.

**Supplemental Documentation**

 CASP Bee Health Report:

https://www.dropbox.com/s/v7rpz63rkln4lc4/BFF\_Report%20%2823%29.pdf?dl=0

 Representative Habitat Photos:

 https://www.dropbox.com/sh/5o9k9t0o7370ymn/AABc2TXtFK8vOihwIpVcswhJa?dl=0