



Apiculture Certification



NOSB 2010 Apiculture Recommendation



- **Forage zone.** Land or bodies of water, within a 1.8 mile (3 km) radius of the edge of the apiary which provides bees with water, nectar, honeydew, pollen and propolis.
- **Transition/Hive construction.** Apiary under continuous organic management for 1 year prior to the removal of the bee products from the hive. Hive foundation is new.
- **Feed.** Provide organic forage and organic feed supplement if needed.
- **Healthcare.** Leave hives with adequate supplies of honey for dormancy period.

Apiculture and National List Materials



- Only nonsynthetic substances, unless specifically prohibited at section 205.604, or synthetic materials allowed at section 205.603 are allowed for use in organic apiculture production.
- Formic acid (205.603) is currently the only material annotated specifically for use for apiculture operations.
- Sucrose octanoate esters are allowed and commonly used.

NOP expectations for certifiers and operations



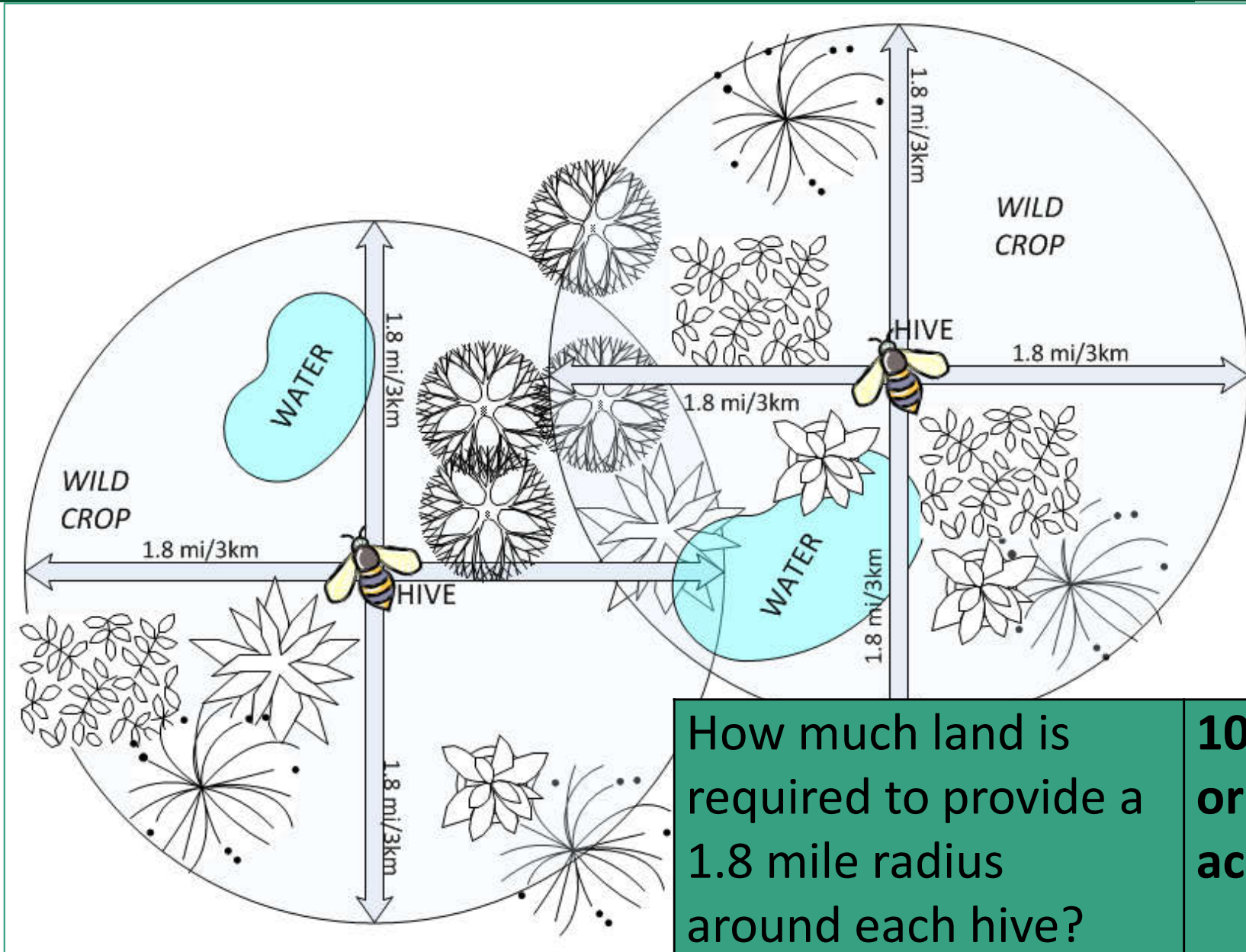
- **General** – Managing in a manner that prevents contact with prohibited materials.
- **Forage zone** – 1.8 mi. radius around each hive of organically managed land with adequate forage. Organic feed required.
- **Supplemental feed** – Certified organic
- **Healthcare** – Same expectations as other livestock

NOP expectations for apiculture inspections



- Complete review and understanding of management of forage zones.
- Verify that forage zones are organically managed (e.g. wild areas or certified organic crops).
- All forage areas inspected to ensure that all bee forage is organically managed

Forage zone



How much land is required to provide a 1.8 mile radius around each hive? **10.18 mi² or 6515.2 acres**