Apiculture Certification
• **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
How much land is required to provide a 1.8 mile radius around each hive?

10.18 mi² or 6515.2 acres