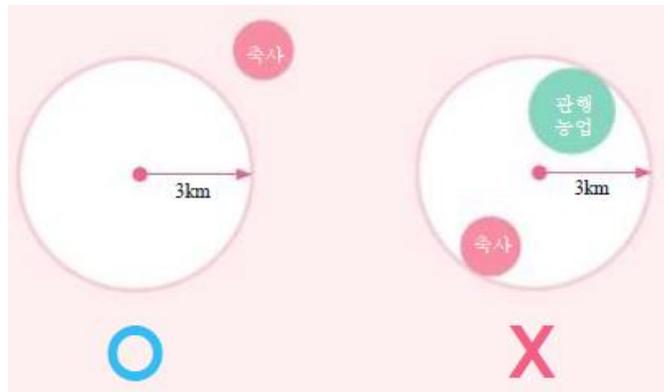


# Korean Organic Standard on organic beekeeping (1.Jan.2019)

## 1. Location of hives

There should be no a source of contamination or its possible sources within 3km radius.

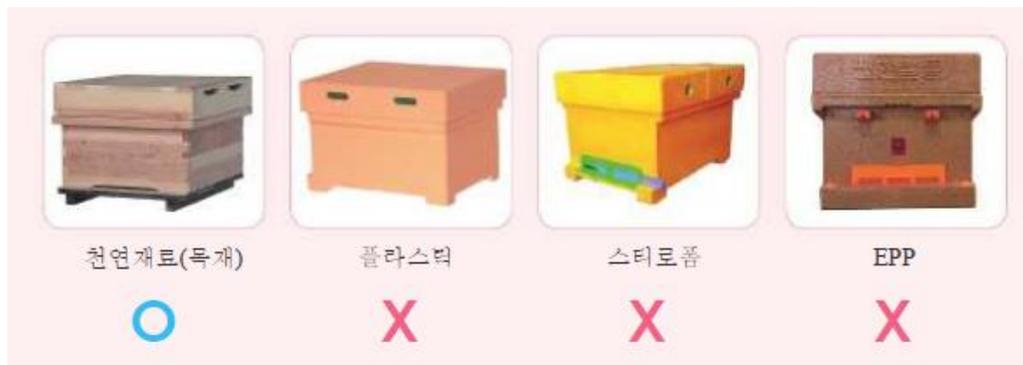
Contamination can be cattle sheds, conventional farms, cities, golf clubs, landfills, sewage treatment plants, GMO farms and etc.



## 2. Location of hives

Hives should not be made of plastic, polystyrene and EPP.

Natural woods are acceptable for the hive materials.



## 3. Feed

Bees should feed on organically produced honey and pollen regularly.

During temporary shortage of organic feeds, organically produced honey and sugar can be supplied.



#### 4. Comb

Bee comb should be made of natural materials. They should not contaminate environments and organic beekeeping products.

Bee comb should be made of organic beeswax, organic propolis and vegetable oils.

During the conversion period (1 year), all beeswax should be changed into organic beeswax. If it is not changed, its conversion period should be extended.



#### 5. Conversion

Conversion period is one year at least. During its period, beeswax should be replaced by organic beeswax. Otherwise, its period should be extended.

#### 6. Pest management

Repellent should not be organosynthetic agricultural chemicals, animal medicines and synthetic chemicals.

Precautionary steps for pest management should be needed.

- Selection of good breeds, regular cleanup of facilities and utensils, regular replacement of beeswax

For the case that pest outbreaks, even after following the precautionary steps,

- Lactic acid, oxalic acid, formic acid, natural ether oils(mentol, eucalyptus, camphor), bacillus thuringiensis, steam and direct flare can be used.

If the precautionary steps and the above materials do not work, animal medicines can be used.

But, once the animal medicines used, the beekeeping products can not be sold as organic, and they must go through the conversion period of 1 year.

#### 7. Quality control

The quality control must be with mechanical, physical and biochemical (fermentation included) measures, and should not contaminate the organic beekeeping products.

Low temperature must be kept for honey, and honey should not be concentrated by heat.

Animal medicines should not be detected at 1/10.

Organosynthetic agricultural chemicals should not be detected.