

# Sentinel Apiary Project

## Enrollment Application



### General Information

Name of Beekeeper or Beekeeping Organization

Shipping Address Line 1

Name of Organization President (if applicable)

Shipping Address Line 2

Email Address

Phone Number

Point of Contact for Sentinel Program (leave blank if same as above)

Point of Contact Email Address

Phone Number

### Agreement

Our main form of communication is email. Do you regularly check the listed email address?  Yes  No

Are you willing to:

Maintain 8 colonies in a single apiary?  Yes  No

Take a sample of bees once a month per 8 colonies for 6 months?  Yes  No

Ship these samples to our lab via USPS? Approximate cost \$5-\$10 per month  Yes  No

Have weight measurements, *Varroa*, and *Nosema* data made available on a public website with an approximate geolocation? No address specific information will be made public  Yes  No

Answering *No* to any of the above questions may result in denial of enrollment. By signing this document your group acknowledges compliance to the above terms.

Signature

Date

**[www.beeinformed.org](http://www.beeinformed.org)**

4112 Plant Sciences Building  
College Park, MD 20742  
(301) 405-3799



Date:

**Participant Contact Information**

Beekeeper Name / Bee Group (& person of contact name)

Phone number

Physical address (for shipping, PO box not accepted)

Email

**Apiary Information (the apiary from which you are planning to take samples)**

Sampling address

GPS coordinates (if unknown, leave blank)

City, State & ZIP

**Beekeeper and Operation Information (these questions apply to your entire operation)**

You keep colonies primarily for:

Select all that apply.

- Pollination
- Honey/Pollen/Wax Production for sale
- Honey/Pollen/Wax for personal use
- Queen Production
- Nuc Production
- Package Production
- Hobby / Enjoyment
- Teaching (beekeeping group)
- Research
- Other, please specify:

Approximately how many years have you been beekeeping?

Select one.

- First year
- Between 1 and 3 years
- Between 3 and 5 years
- Between 5 and 20 years
- More than 20 years

Did you move any of your colonies across a state border last year?

- Yes
- No

Do you keep your colonies in multiple apiaries?

- Yes
- No

How did you hear about this program? Select all that apply.

- BIP Website
- BIP Letter
- Phone call
- Other, please specify:
- Bee Club
- Bee Conference
- other beekeeper
- Journal:  ABJ  Bee Culture  other

How did you first learn beekeeping?

Select all that apply.

- Learned through mentor (friend or family)
- Beekeeping Class
- Master Beekeeping Class
- Self-taught (books, internet...)
- Other, please specify:

Are you member of a beekeeping organization?

Select all that apply.

- Local beekeeping group
- State beekeeping organization
- National beekeeping organization
- Not a member of any beekeeping organization
- Prefer not to say

What best describes the environment around your sampling apiary:

Consider about 3 miles radius)

- Natural (ex: forest, meadow,...)
- Agricultural (all types of crops)
- Urban (city and suburbs)

What %


Total should add up to 100%

Last year, how did you start or obtain new colonies?

Select all that apply.

- Caught and installed swarms
- Made increases by splitting strong colonies
- Bought (or received) and installed packages
- Bought (or received) and installed hives and/or nucs
- Other, please specify:

BIP Sentinel – Real Time Disease Load Monitoring – Participant Registration Sheet

Overwintering Demographics	In your operation	In the sampling apiary
How many living colonies* did you have on <u>October 1, 2016</u> ? <small>* a colony is a QUEEN RIGHT unit of bees (include full size colonies, queen right nucs but NOT mating nucs); "Living" means alive on that date, independent of future prospects</small>	<input type="text"/>	<input type="text"/>
How many colonies, splits or increases* did you <u>make/buy</u> 1) Between October 1, 2016 and December 31, 2016? 2) Between December 31, 2016 and April 1, 2017? <small>* "Increases" include successfully hived swarms and/or feral colonies.</small>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>
How many colonies, splits or increases* did you <u>sell/give away</u> 1) Between October 1, 2016 and December 31, 2016? 2) Between December 31, 2016 and April 1, 2017? <small>* "Increases" include successfully hived swarms and/or feral colonies.</small>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>
How many living colonies* did you have on <u>April 1, 2017</u> ?	<input type="text"/>	<input type="text"/>

Race / Queen Information		in your sampling apiary
What type of race of bees do you use? Select all that apply.	On average, how old are the queens that head your colonies? Select one.	
<input type="checkbox"/> New World Carnolian (or hybrid) <input type="checkbox"/> Buckfast (or hybrid) <input type="checkbox"/> Caucasian (or hybrid) <input type="checkbox"/> Russian (or hybrid) <input type="checkbox"/> Italian (or hybrid)  <input type="checkbox"/> Varroa Sensitive Hygienic (VSH) <input type="checkbox"/> Minnesota hygienic <input type="checkbox"/> German black <input type="checkbox"/> Local selected <input type="checkbox"/> Africanized <input type="checkbox"/> Don't know <input type="checkbox"/> Other, please specify:	<input type="radio"/> Less than 6 months <input type="radio"/> Between 6 months and 1 year <input type="radio"/> Between 1 and 2 years <input type="radio"/> Older than 2 years <input type="radio"/> Don't know	
	On average, how frequently do you re-queen your colonies? Select one.	
	<input type="radio"/> Never (let them re-queen on their own) <input type="radio"/> Only to correct behavior/disease susceptibility <input type="radio"/> Every 2 to 3 years <input type="radio"/> Every year <input type="radio"/> Twice a year <input type="radio"/> More than twice a year	

Equipment Management	
How many brood frames do you replace every year? Select one.	On average, how old is the brood comb in your colonies? Select one.
<input type="radio"/> Only when broken <input type="radio"/> About 10% (~1 frame/brood box) <input type="radio"/> About 20% (~2 frames/brood box) <input type="radio"/> Between 25 and 50% (~3-5 frames/brood box) <input type="radio"/> More than 50% (> 5 frames/brood box) <input type="radio"/> Don't know	<input type="radio"/> Less than 1 year <input type="radio"/> Between 1 year and 2 years <input type="radio"/> Between 2 and 3 years <input type="radio"/> Between 3 and 4 years <input type="radio"/> Between 4 and 5 years <input type="radio"/> Older than 5 years <input type="radio"/> Don't know

Anything else you would like to share?
What are your expectations from this survey? Do you have any comments so far? What is your biggest challenge in beekeeping?