



## 2021-22 NH Winter Beehive Survey

### 1. Welcome to the 2021/22 NHBA Winter Beehive Survey

**Thank you for participating in our survey.**

**This year's survey allows you to enter information for up to 3 apiaries. We've also added some additional hive management questions to help determine if there are certain practices that help minimize winter loss.**

**If you have more than 3 apiary locations, please consider adding the remaining apiaries by doing a second or 3rd survey.**

**We'll be giving away a 1 year NHBA membership to one lucky survey participant (please leave your email address to be entered).**

**Also, don't forget to check off which bee clubs you are a member of to help your club win a membership participation prize.**



## 2021-22 NH Winter Beehive Survey

### 2. Apiary 1 Information

\* 1. Please enter town & county for the apiary

  

\* 2. How many COLONIES were ALIVE on October 1, 2021 & today ? (Enter 0 if no Colonies in apiary)

Note: NUCs are covered later in the survey

# of Colonies ALIVE on 10/1/21

# of Colonies ALIVE today

3. In what months were Colonies lost? (Select all that apply)

- |  |                                     |
|--|-------------------------------------|
| <input type="checkbox"/> NO Colonies Were Lost | <input type="checkbox"/> January    |
| <input type="checkbox"/> October               | <input type="checkbox"/> February   |
| <input type="checkbox"/> November              | <input type="checkbox"/> March      |
| <input type="checkbox"/> December              | <input type="checkbox"/> Don't Know |

\* 4. How many NUCs were ALIVE on Oct 1, 2021 and TODAY? (Enter 0 if no NUCs in apiary)

# of NUCs ALIVE on 10/1/21

# of NUCs ALIVE TODAY

5. In what months were NUCs lost? (Select all that apply)

- |  |                                     |
|--|-------------------------------------|
| <input type="checkbox"/> NO NUCs Were Lost | <input type="checkbox"/> January    |
| <input type="checkbox"/> October           | <input type="checkbox"/> February   |
| <input type="checkbox"/> November          | <input type="checkbox"/> March      |
| <input type="checkbox"/> December          | <input type="checkbox"/> Don't Know |

6. Why do you think your Colonies/NUCs died? (select all that apply)

- |   |   |
|---|---|
| <input type="checkbox"/> NO Colonies or NUCs Died | <input type="checkbox"/> Robbing            |
| <input type="checkbox"/> Varroa Mites             | <input type="checkbox"/> Weak Colony        |
| <input type="checkbox"/> Starvation               | <input type="checkbox"/> Lost the Queen     |
| <input type="checkbox"/> Dysentery                | <input type="checkbox"/> Other Queen Issues |
| <input type="checkbox"/> Nosema                   | <input type="checkbox"/> Cold Temperatures  |
| <input type="checkbox"/> Bears                    | <input type="checkbox"/> Absconded          |
| <input type="checkbox"/> Moisture                 |   |

Other (please specify)

7. Which registered commercial varroa treatments did you use on your FULL-SIZE Colonies? (select all that apply)

- |   |   |
|---|---|
| <input type="checkbox"/> NO Commercial Treatments Were Used | <input type="checkbox"/> Formic Pro/Mite-Away Quick Strips (MAQS) |
| <input type="checkbox"/> Apiguard                           | <input type="checkbox"/> HopGuard                                 |
| <input type="checkbox"/> Api Life Var                       | <input type="checkbox"/> Oxalic Acid Vapor/Fogger                 |
| <input type="checkbox"/> Apistan                            | <input type="checkbox"/> Oxalic Acid Dribble                      |
| <input type="checkbox"/> Apivar                             |   |

Other (please specify)

8. Which registered commercial varroa treatments did you use on NUCS? (select all that apply or skip if you did not have NUCs)

- |   |   |
|---|---|
| <input type="checkbox"/> NO Commercial Treatments Were Used | <input type="checkbox"/> Formic Pro/Mite-Away Quick Strips (MAQS) |
| <input type="checkbox"/> Apiguard                           | <input type="checkbox"/> HopGuard                                 |
| <input type="checkbox"/> Api Life Var                       | <input type="checkbox"/> Oxalic Acid Vapor/Fogger                 |
| <input type="checkbox"/> Apistan                            | <input type="checkbox"/> Oxalic Acid Dribble                      |
| <input type="checkbox"/> Apivar                             |   |

Other (please specify)

9. On average, how many times did you complete a FULL Varroa Commercial Treatment in 2021?

- 0 times  2 times  
 1 time  > 2 times  
 Other (please specify)

10. On average how much sugar syrup did you feed a colony this fall?

- Did NOT Feed  3-4 gallons  
 < 1 gallon  > 4 gallons  
 1-2 gallons  Fed, but don't know how much  
 Other (please specify)

11. What did you feed your colonies over the winter? (select all that apply)

- Did NOT Feed in Winter  Granulated Sugar  
 Fondant  Winter Patties  
 Candy Board  Sugar Bricks  
 Other (please specify)

12. How many years have you been keeping bees?

- 1 year (This was my first winter!)  11-15 years  
 2-4 years  > 15 years  
 5-10 years

13. Which bee clubs are you a member of (select all that apply)

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Not a member of a NH bee club        | <input type="checkbox"/> Monadnock     | <input type="checkbox"/> Eastern Apiculture Society (EAS)     |
| <input type="checkbox"/> New Hampshire Beekeepers Association | <input type="checkbox"/> North Country | <input type="checkbox"/> American Bee Federation (ABF)        |
| <input type="checkbox"/> Capital Area                         | <input type="checkbox"/> Pawtuckaway   | <input type="checkbox"/> Vermont Beekeepers Association       |
| <input type="checkbox"/> Connecticut River Valley             | <input type="checkbox"/> Pemi-Baker    | <input type="checkbox"/> Massachusetts Beekeepers Association |
| <input type="checkbox"/> Kearsarge                            | <input type="checkbox"/> Seacoast      | <input type="checkbox"/> Maine Beekeepers Association         |
| <input type="checkbox"/> Merrimack Valley                     | <input type="checkbox"/> Winnepesaukee |   |

Other (please specify)

\* 14. May we contact you if we have questions? Please include your email address

Yes

No

email address

\* 15. NHBA occasionally does projects with universities and colleges to gain further insight into the state of our honeybees.

May we include an anonymized version (no emails, club affiliation, etc) of your data in any projects we do?

Yes

No

16. Is there any other information you'd like to share?

\* 17. Do you have time to answer a few more questions on your hive management (5-10 minutes)?

Yes

No



## 2021-22 NH Winter Beehive Survey

### 3. Apiary Management Information

18. What kind of bees do you have (select all that apply)?

- |   |  |
|---|--|
| <input type="checkbox"/> "Northern" Bees (aka Northern mated queen) | <input type="checkbox"/> Buckfast          |
| <input type="checkbox"/> Italians                                   | <input type="checkbox"/> Caucasian         |
| <input type="checkbox"/> Carniolans                                 | <input type="checkbox"/> Minnesota Hygenic |
| <input type="checkbox"/> Russian                                    | <input type="checkbox"/> Saskatraz         |
| <input type="checkbox"/> Other (please specify)                     |  |

19. How many of your LOST colonies were :

Previously

overwintered Colonies  
or NUCS

2021 Package or NUC

2021 Captured Swarm

2021 Split

20. Did the colonies you lost swarm in 2021? If so When? (select all that apply)

- |  |                                    |
|--|------------------------------------|
| <input type="checkbox"/> Did NOT Swarm | <input type="checkbox"/> August    |
| <input type="checkbox"/> May           | <input type="checkbox"/> September |
| <input type="checkbox"/> June          | <input type="checkbox"/> October   |
| <input type="checkbox"/> July          |                                    |

21. Did you have problems with Yellow Jacket, Wasp or Hornet Robbing in 2021? If so what months (select all that apply)

- |  |                                    |
|--|------------------------------------|
| <input type="checkbox"/> Did NOT have robbing issues | <input type="checkbox"/> August    |
| <input type="checkbox"/> May                         | <input type="checkbox"/> September |
| <input type="checkbox"/> June                        | <input type="checkbox"/> October   |
| <input type="checkbox"/> July                        |                                    |
| <input type="checkbox"/> Other (please specify)      |                                    |

22. How did you do mite counts? (select all that apply)

- |   |                                       |
|---|---------------------------------------|
| <input type="checkbox"/> Did NOT Do Mite Counts | <input type="checkbox"/> Sugar Roll   |
| <input type="checkbox"/> Sticky Bottom Board    | <input type="checkbox"/> Alcohol Wash |
| <input type="checkbox"/> Other (please specify) |                                       |

23. Approximately how often did you test for mites?

- |  |   |
|--|---|
| <input type="radio"/> NO Testing Done        | <input type="radio"/> Once during the season        |
| <input type="radio"/> Weekly                 | <input type="radio"/> Twice during the season       |
| <input type="radio"/> Twice a month          | <input type="radio"/> Three times during the season |
| <input type="radio"/> Monthly                |   |
| <input type="radio"/> Other (please specify) |   |

24. When did you treat for mites ? (check all that apply)

- |  |                                    |
|--|------------------------------------|
| <input type="checkbox"/> Did NOT Treat | <input type="checkbox"/> September |
| <input type="checkbox"/> May           | <input type="checkbox"/> October   |
| <input type="checkbox"/> June          | <input type="checkbox"/> November  |
| <input type="checkbox"/> July          | <input type="checkbox"/> December  |
| <input type="checkbox"/> August        |                                    |

25. How did you winterize/insulate your colonies? (select all that apply)

- |   |  |
|---|--|
| <input type="checkbox"/> Did NOT Winterize          | <input type="checkbox"/> Quilt box                                 |
| <input type="checkbox"/> Bee Cozy                   | <input type="checkbox"/> Shaving box                               |
| <input type="checkbox"/> Tar paper/tyvek/typar      | <input type="checkbox"/> Polystyrene/Rigid Insulation around sides |
| <input type="checkbox"/> Colony Quilt               | <input type="checkbox"/> Insulation on top of colonies             |
| <input type="checkbox"/> Bee Cozy over Colony Quilt | <input type="checkbox"/> Closed off Bottom Board                   |
| <input type="checkbox"/> Other (please specify)     |  |

26. Do you use an upper entrance in the winter?

- Yes  
 No

27. What type of winter moisture system did you use (select all that apply)?

- |   |   |
|---|---|
| <input type="checkbox"/> NO Winter Moisture System Used | <input type="checkbox"/> Shim top cover                                       |
| <input type="checkbox"/> Quilt box                      | <input type="checkbox"/> Winter inner cover                                   |
| <input type="checkbox"/> Shavings box                   | <input type="checkbox"/> Rigid Insulation                                     |
| <input type="checkbox"/> Absorbtion Board/Homasote      | <input type="checkbox"/> Venting (Open Screened Bottom Board, top vents, etc) |
| <input type="checkbox"/> Other (please specify)         |   |

28. What Non-Chemical Control Methods did you use as part of your Integrated Pest Management (IPM) (select all that apply)?

- |   |   |
|---|---|
| <input type="checkbox"/> Drone Frames           | <input type="checkbox"/> Break in Brood Cycle (either intentionally or due to swarming) |
| <input type="checkbox"/> Powdered Sugar         |   |
| <input type="checkbox"/> Screened Bottom Board  | <input type="checkbox"/> Didn't Practice IPM  |
| <input type="checkbox"/> Other (please specify) |   |

29. Did you treat for Nosema & if so when? (select all that apply)

- Did NOT treat for Nosema  
 Spring Feeding  
 Summer  
 Fall Feeding



30. How often do you typically go into a given colony during the beekeeping season?

- weekly  Once a month  
 Every 2-3 weeks  Every Couple Months  
 Other (please specify)

31. Enter the number of colonies that survived the winter that were requeened and were packages

Requeened colonies that survived

Packages that survived

32. In what months did you requeen colonies? (check all that apply)

- Did NOT requeen any colonies  
 April  
 May  
 June  
 July  
 August  
 September  
 October  
 Other (please specify)

33. What Pollen Supplement did you feed in the fall (select all that apply)?

- Didn't feed pollen supplement  Megabee  
 Pollen Patties  Bee-Pro  
 Global Patties  Ultrabee  
 AP23  
 Other (please specify)

34. How was your honey production in 2021 compared to previous years?

- Above Average
- Average
- Below Average
- This is my first year I have nothing to compare to!

Other (please specify)



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4.

\* 35. Would you like to enter information for another Apiary?

Yes

No



## 2021-22 NH Winter Beehive Survey

### 5. Apiary 2 Information

\* 36. Please enter town & county for the apiary

  

\* 37. How many COLONIES were ALIVE on October 1, 2021 & today ? (Enter 0 if no colonies in this apiary)

# of Colonies ALIVE on 10/1/21

# of Colonies ALIVE today

38. In what months were Colonies lost? (Select all that apply)

- |  |                                     |
|--|-------------------------------------|
| <input type="checkbox"/> NO Colonies Were Lost | <input type="checkbox"/> January    |
| <input type="checkbox"/> October               | <input type="checkbox"/> February   |
| <input type="checkbox"/> November              | <input type="checkbox"/> March      |
| <input type="checkbox"/> December              | <input type="checkbox"/> Don't Know |

\* 39. How many NUCs were ALIVE on Oct 1, 2021 and TODAY? (Enter 0 if no NUCs in apiary)

# of NUCs ALIVE on 10/1/21

# of NUCs ALIVE TODAY

40. In what months were NUCs lost? (Select all that apply)

- |  |                                     |
|--|-------------------------------------|
| <input type="checkbox"/> NO NUCs Were Lost | <input type="checkbox"/> January    |
| <input type="checkbox"/> October           | <input type="checkbox"/> February   |
| <input type="checkbox"/> November          | <input type="checkbox"/> March      |
| <input type="checkbox"/> December          | <input type="checkbox"/> Don't Know |

41. Why do you think your Colonies/NUCs died? (select all that apply)

- |  |  |
|--|--|
| <input type="checkbox"/> NO Colonies or NUCs Were Lost | <input type="checkbox"/> Moisture          |
| <input type="checkbox"/> Varroa Mites                  | <input type="checkbox"/> Robbing           |
| <input type="checkbox"/> Starvation                    | <input type="checkbox"/> Weak Colony       |
| <input type="checkbox"/> Dysentery                     | <input type="checkbox"/> Queen Issues      |
| <input type="checkbox"/> Nosema                        | <input type="checkbox"/> Cold Temperatures |
| <input type="checkbox"/> Bears                         | <input type="checkbox"/> Absconded         |

Other (please specify)

42. Which registered commercial varroa treatments did you use on your FULL-SIZE Colonies? (select all that apply)

- |   |   |
|---|---|
| <input type="checkbox"/> NO Commercial Treatments Were Used | <input type="checkbox"/> Formic Pro/Mite-Away Quick Strips (MAQS) |
| <input type="checkbox"/> Apiguard                           | <input type="checkbox"/> HopGuard                                 |
| <input type="checkbox"/> Api Life Var                       | <input type="checkbox"/> Oxalic Acid Vapor/Fogger                 |
| <input type="checkbox"/> Apistan                            | <input type="checkbox"/> Oxalic Acid Dribble                      |
| <input type="checkbox"/> Apivar                             |   |

Other (please specify)

43. Which registered commercial varroa treatments did you use on NUCs? (select all that apply or skip if you did not have NUCs)

- |  |   |
|--|---|
| <input type="checkbox"/> NO Commercial Treatments Used | <input type="checkbox"/> Formic Pro/Mite-Away Quick Strips (MAQS) |
| <input type="checkbox"/> Apiguard                      | <input type="checkbox"/> HopGuard                                 |
| <input type="checkbox"/> Api Life Var                  | <input type="checkbox"/> Oxalic Acid Vapor/Fogger                 |
| <input type="checkbox"/> Apistan                       | <input type="checkbox"/> Oxalic Acid Dribble                      |
| <input type="checkbox"/> Apivar                        |   |

Other (please specify)

44. On average, how many times did you complete a FULL Varroa Commercial treatment in 2021?

- Did NOT Treat
- 1 time
- Other (please specify)
- 2 times
- > 2 times

45. On average how much sugar syrup did you feed a colony this fall?

- Did NOT Feed
- < 1 gallon
- 1-2 gallons
- Other (please specify)
- 3-4 gallons
- > 4 gallons
- Fed, but don't know how much

46. What did you feed your colonies over the winter? (select all that apply)

- Did NOT Feed in Winter
- Fondant
- Candy Board
- Other (please specify)
- Granulated Sugar
- Winter Patties
- Sugar Bricks

47. Is there any other information you'd like to share about this apiary?

\* 48. Would you like to enter data on another apiary?

- Yes
- No



## 2021-22 NH Winter Beehive Survey

### 6. Apiary 3 Information

\* 49. Please enter town & county for the apiary

  

\* 50. How many COLONIES were ALIVE on October 1, 2021 & TODAY? (Enter 0 if no Colonies in Apiary)

# of Colonies ALIVE on 10/1/21

# of Colonies ALIVE TODAY

51. In what months were Colonies lost? (Select all that apply)

- |  |                                     |
|--|-------------------------------------|
| <input type="checkbox"/> NO Colonies Were Lost | <input type="checkbox"/> January    |
| <input type="checkbox"/> October               | <input type="checkbox"/> February   |
| <input type="checkbox"/> November              | <input type="checkbox"/> March      |
| <input type="checkbox"/> December              | <input type="checkbox"/> Don't Know |

\* 52. How many NUCs were ALIVE on Oct 1, 2021 and TODAY? (Enter 0 if no NUCs in apiary)

# of NUCs ALIVE on 10/1/21

# of NUCs ALIVE TODAY

53. In what months were NUCs lost? (Select all that apply)

- |  |                                     |
|--|-------------------------------------|
| <input type="checkbox"/> NO NUCs Were Lost | <input type="checkbox"/> January    |
| <input type="checkbox"/> October           | <input type="checkbox"/> February   |
| <input type="checkbox"/> November          | <input type="checkbox"/> March      |
| <input type="checkbox"/> December          | <input type="checkbox"/> Don't Know |

54. Why do you think your Colonies/NUCs died? (select all that apply)

- |  |  |
|--|--|
| <input type="checkbox"/> NO Colonies or NUCs Were Lost | <input type="checkbox"/> Moisture          |
| <input type="checkbox"/> Varroa Mites                  | <input type="checkbox"/> Robbing           |
| <input type="checkbox"/> Starvation                    | <input type="checkbox"/> Weak Colony       |
| <input type="checkbox"/> Dysentery                     | <input type="checkbox"/> Queen Issues      |
| <input type="checkbox"/> Nosema                        | <input type="checkbox"/> Cold Temperatures |
| <input type="checkbox"/> Bears                         | <input type="checkbox"/> Absconded         |

Other (please specify)

55. Which registered commercial varroa treatments did you use on FULL-SIZE colonies? (select all that apply)

- |  |   |
|--|---|
| <input type="checkbox"/> NO Commercial Treatments Used | <input type="checkbox"/> Formic Pro/Mite-Away Quick Strips (MAQS) |
| <input type="checkbox"/> Apiguard                      | <input type="checkbox"/> HopGuard                                 |
| <input type="checkbox"/> Api Life Var                  | <input type="checkbox"/> Oxalic Acid Vapor/Fogger                 |
| <input type="checkbox"/> Apistan                       | <input type="checkbox"/> Oxalic Acid Dribble                      |
| <input type="checkbox"/> Apivar                        |   |

Other (please specify)

56. Which registered commercial varroa treatments did you use on NUCs? (select all that apply or skip if you did not have NUCs )

- |  |   |
|--|---|
| <input type="checkbox"/> NO Commercial Treatments Used | <input type="checkbox"/> Formic Pro/Mite-Away Quick Strips (MAQS) |
| <input type="checkbox"/> Apiguard                      | <input type="checkbox"/> HopGuard                                 |
| <input type="checkbox"/> Api Life Var                  | <input type="checkbox"/> Oxalic Acid Vapor/Fogger                 |
| <input type="checkbox"/> Apistan                       | <input type="checkbox"/> Oxalic Acid Dribble                      |
| <input type="checkbox"/> Apivar                        |   |

Other (please specify)



57. On average, how many times did you complete a FULL Varroa Commerical Treatment in 2021?

- Did NOT treat
- 1 time
- Other (please specify)
- 2 times
- > 2 times

58. On average how much sugar syrup did you feed a colony this fall?

- Did NOT Feed
- < 1 gallon
- 1-2 gallons
- Other (please specify)
- 3-4 gallons
- > 4 gallons
- Fed, but don't know how much

59. What did you feed your colonies over the winter? (select all that apply)

- Did NOT Feed in Winter
- Fondant
- Candy Board
- Other (please specify)
- Granulated Sugar
- Winter Patties
- Sugar Bricks

60. Is there any other information you'd like to share about this apiary?