



Note Worthy - 2017 PNWals Preparation

This form is provided to assist in your note gathering throughout the year in order to prepare you for the next Aprils PNW Annual Loss Survey. There will be surveys offered in both paper and electronic forms at that time on www.pnwhoneybeesurvey.com. Submission of *this* form will not be accepted. Feel free to send suggestions to info@pnwhoneybeesurvey.com because this survey is both **FOR** the PNW beekeepers and **BY** the PNW beekeepers.



Thank you for your interest and participation!

**** DEFINITIONS ****

Bee Year/Season = April 1st to March 31st. All questions each year refer to this time frame aside from the 1 overwintered inquiry.

Fall = Oct 31st, **Spring** = April 1st, **Peak** = July 15th, **Bee Winter** = October 31st through April 1st

These are weather dependant designations in the Pacific NW. Early/late freeze and spring warming will affect the bees' activity and forage. The general idea is when the weather and forage dictates the bees go into and come out of their "winter" mode of survival.

Rate 1-5 = Rate its success on a scale from 1-5 with 1 being best and 5 being the worst success.

Apiary = A location with one or more active colonies present.

Colony = Generally referring to the collection of bees including single queen with her workers, brood, pollen, and honey stores.

Hive = Generally referring to the equipment over the bees but often used interchangeably with colony.

Hive Type(s) = Langstroth 8 frame, 10 frame, 5 frame nuc, top bar, Warre

Hive Origination = Where the colony came from.

Overwintered = Colonies which survived the winter in your fall hives and are building up (not barely holding on) the following spring.

It will ask a little bit about you (and you can stay anonymous)

Beekeeping club memberships or affiliations. Used to assess clubs numbers, outreach, and your region. _____

Your beekeeping education. Inquiry into education trends, successes, and needs that may exist. _____

Hive Year Calculation = ___ Years beekeeping x (average # of) ___ active **colonies**. A growing trend in bee loss comparison.

Survival based on different hive types (Summing all apiaries together)

Number of active **hives** AND **hive type** that you have in BOTH **fall** and in **spring**

Summing all apiaries together but looking only at each hive type, please indicate how many of each hive type you came into last fall with. Also indicate how many of those hives survived through to spring of this year.

I had ___ # ___ hive type in the fall and ___ # ___ hive type survived through to spring.

The Fall & Spring survival among your various **apiary** locations

It will inquire on each individual apiaries approximate location and track number of fall hives and number of spring hives.

Migrating Hives (Summing all apiaries together)

If you moved hives it will ask when, why and how many miles. Knowing this helps refine our data in certain applications.

Survival based on **hive origination** (Summing all apiaries together)

I began with ___ # ___ hives that had **overwintered** and ___ # ___ survived to their **second** spring.

I purchased ___ # ___ packages and ___ # ___ survived to spring.

I purchased ___ # ___ nucs and ___ # ___ survived to spring.

I caught ___ # ___ swarms and ___ # ___ survived to spring.

I made ___ # ___ splits/divides and ___ # ___ survived to spring.

I did ___ # ___ feral hive transfers/cut outs and ___ # ___ survived to spring.

I did ___ # ___ other ___ list other ___ and ___ # ___ survived to spring.

Colony death this year (Summing all apiaries together)

Main cause(s) of "Bee Winter" colony death in your operation (Note date(s) & apiaries to help you remember)

N/A (no death) ___ I don't know _____ CCD (no adult bodies in dead hive) _____ Nosema disease _____
Pesticides _____ Poor wintering conditions _____ Small Hive Beetles _____ Starvation _____
Queen failure _____ Varroa mites _____ Weak in the fall _____ Yellow jackets _____

Feeding & general hive practices (Summing all apiaries together)

I did the following FEEDINGS: (Form options include "frame, liquid, dry, patties, drivert, cane, corn" etc.)

Honey (form) _____ Syrup (form) _____ Sugar (form) _____
Candy (form) _____ Pollen (form) _____ Other _____

I did the following general WINTERING PRACTICES: (Noting the date(s), apiaries, and results are extremely helpful!)

Equalized hive strength _____ Rain shelter to entire hive or entrance _____
Upper entrance access _____ Ventilation box or quilt box used _____
Insulated top _____ Wrapped the hives (insulated) _____
Wind/weather protection _____ None of the above _____ Other (list) _____

I did the following general SANITATION PRACTICES:

Did you do any of these general mite control practices (not products) this season?(Note month(s) and results)

Minimal hive intervention/inspection _____ Provided hives with distinctive colors/other hive ID measures _____
Generally avoided moving frames from one hive to another _____ Cleaned hive tool/frequently washed gloves _____
Spread out colonies in apiary/did other measures to reduce drifting _____ None of these _____ Other (list) _____

I used a screened bottom board on all _____ some _____ none _____ of my hives and during
the winter I covered or blocked the screen bottom never _____ sometimes _____ always _____

Mite monitoring/sampling & management (Summing all apiaries together)

What percentage of your hives do you monitor for mites? ___%___

Did you monitor your hives with "X" this season? (?Note date(s), apiaries, and results?)

Mite Drop (sticky boards or other collection tray below hive) _____ Other _____
Alcohol Wash (shake/roll separating to count) _____ Visual inspection of drone brood _____
Powdered Sugar (shake/roll separating to count) _____ Visual inspection of adult bees _____

What percentage of your hives do you sample?

Pre-treatment _____ Post-treatment _____ Both _____ sampled but never treated _____

Medication and treatments (Summing all apiaries together)

Did you apply of the following mite control treatment products this season? (Note month(s) used and results)

Amitraz (including Apivar) _____ ApiGuard _____ ApiLife Var _____
Coumaphos (CheckMite+) _____ Fluvalinate (including Apistan) _____
Formic Acid (MiteAway QuickStrips) _____ HopGuard III _____
Oxalic Acid (Vaporization) _____ Oxalic Acid (drizzle) _____ Mineral oil _____
Powdered sugar _____ Mineral oil _____
MiteATHol (menthol tracheal mite) _____ Other herbal treatments or not _____

Did you apply of the following "X" products this season? (Note month(s) used and results)

-bacterial brood disease control Terramycin _____ Tylosin (Tylan) _____ Other _____
-nosema control products Fumagilin (Fumadil B) _____ Nosevet _____ Other _____

Queens (Summing all apiaries together)

My hives were introduced to a new queen by..... (Note date(s), apiaries, and results)

Mated queen _____ Virgin queen _____ Split hive, allowed colony create new queen _____
Queen cells _____ Supercedure occurred _____ Colony swarmed _____