How to fill your Inspection Data Sheet

The sample data sheet is key to collect all the important information in a concise and consistent way across all your colonies. Here is an example of the type of records for the Sentinel program (on paper or through your app).

Your 4 digit code

The name of the person taking the sample

Very important if you have multiple yards…

Beekeeper Code		Sampler		Yard Name		Collection Date	

Event Notes — *Anything special about the whole yard? E.g. robbing, need feeding…* — Total # colonies

Reason for sampling — *Probably "routine", unless something caught your eye? E.g. bee kill* — # healthy col.

Seasonal Info — *General info E.g. swarms, splits, movements…* — # non-healthy col.

What is in bloom? — # dead col.

Total number of colonies in the yard (even if not sampled)

Any that are struggling that you know of?

That's an estimate of the size of the adult bee population

How tight or patchy did the brood pattern look?

The bottle and colony numbers are key to make sure we follow the correct colony over time

The colony configuration is the type of equipment that compose this hive, so, the number and size of the boxes

Circle how many frames you use (5=nuc)

Did you see the queen or eggs?

Colony tag	Bottle#	Colony configuration	5 / 8 / 10 frames	Frames of bees	Queen status	Brood pattern
		____Deep ____3/4 ____Medium ____Shallow ____Supers			○ QS ○ QNS ○ DL ○ QR ○ VQ ○ QL ○ LW	(0 to 5)

Weight	Disease Check?	if yes, circle:	Varroa	DWV	Dysentery	Chalkbrood	wax moth
light / medium / heavy	**NO**	EFB	Bald brood	Parasitic Mite Syndrome	SBV	entombed pollen	SHB larva
Colony is dead/alive/non-viable		AFB	Chewed-down brood	Melted larvae	CBPV	shiny bees	SHB adult

Notes?

Sometimes you might still want to sample a dead or dying colony

How heavy the colony is tells us about the food stores

Did you look for sign of disease when inspecting? If no, circle "NO"; If yes, circle what you saw! (we'll teach you how to recognize those signs of disease)

Anything else we should know about this sample/ this colony? Here's the spot

Now here is an example filled in:

Colony tag	Bottle#	Colony configuration	5 / 8 / 10 frames	Frames of bees	Queen status	Brood pattern
SAIN-01	*101909*	__2__Deep ____3/4 __1__Medium ____Shallow __1__Supers	*13*	○ QS ○ QNS ○ DL Ⓧ QR ○ VQ ○ QL ○ LW	(0 to 5) *3.5*

Weight	Disease Check?	if yes, circle:	Varroa	DWV	Dysentery	Chalkbrood	wax moth
light /(medium)/ heavy	**NO**	EFB	Bald brood	Parasitic Mite Syndrome	SBV	entombed pollen	SHB larva
Colony is dead /(alive)/ non-viable		AFB	Chewed-down brood	Melted larvae	CBPV	shiny bees	(SHB adult)

Notes? *Saw queen cells emerged*

How to enter Management Information

Do you know the app can also record your management actions? That way you always have a log of what you have done with your hives in the past.
Here's a preview of the fields the app will ask you to fill for each type of record.

FEED LOG

Date		Type		Amount per colony	Units *(circle)*

Colony tag(s)

Type:
- ○ 2:1 Syrup   ○ Fondant
- ○ 1:1 Syrup   ○ High Fructose Corn Syrup
- ○ Honey   ○ Pollen Supplement
- ○ Other: _____

Additives? _____

Units *(circle)*:
- ○ Gallons   ○ Quarts   ○ Pounds
- ○ Teaspoons   ○ Tablespoons
- ○ Open feeder
- ○ Other: _____

TREATMENT LOG

Date		Treatment type		Amount per colony	Units *(circle)*

Colony tag(s)

Treatment type:
- ○ Varroa   ○ Nosema
- ○ Bacteria   ○ Small Hive Beetle
- ○ Tracheal Mite
- ○ Other: _____

Method / Product _____

Units *(circle)*:
- ○ Gallons   ○ Quarts   ○ Pounds
- ○ Teaspoons   ○ Tablespoons
- ○ Other: _____

HONEY HARVEST LOG

Date			
Colony tag(s)			

Number of colonies harvested _____ (can include non sentinel colonies)

Amount Harvested _____

Units _____

EQUIPMENT CHANGE LOG

Date	
Colony tag(s)	

Brood box   ○ Added   ○ Removed   _____ Deep   _____ Medium

Super box   ○ Added   ○ Removed   _____ Shallow   _____ Other

Screened Bottom Board   ○ Added   ○ Removed
Entrance Reducer   ○ Added   ○ Removed
Robbing Screen   ○ Added   ○ Removed
Pollen Trap   ○ Added   ○ Removed

Hive Scale   ○ Added   ○ Removed
Insulation   ○ Added   ○ Removed
Sensors   ○ Added   ○ Removed

REQUEENING / QUEEN MARKING LOG

Date	
Colony tag(s)	

Requeened   ○ Yes   ○ No

Marked   ○ Yes   ○ No
Color: _____

COLONY MORTALITY EVENT LOG

Date		Colony tag		Do you know the cause of death?	○ Yes ○ No

Cause of death

- ☐ Varroa mites and associated viruses
- ☐ Shipping stress *(e.g. overheating, truck issues)*
- ☐ Adverse weather *(e.g. cold snap)*
- ☐ Brood diseases *(e.g. EFB, AFB)*
- ☐ Equipment failure *(e.g. moisture, ventilation)*
- ☐ Natural disaster *(e.g. hurricane, flood)*
- ☐ Queen issues
- ☐ Failure of environmental controls in sheds
- ☐ Nutritional stress (pollen deprivation)
- ☐ Non-apicultural pesticides
- ☐ Scavenger pests *(e.g. small hive beetle, wax moth)*
- ☐ Starvation (honey/nectar/sugar water)
- ☐ Apicultural treatments *(e.g. formic acid, amitraz)*
- ☐ Predators *(e.g. bears)*
- ☐ Other: _____

Notes _____