



# Virus Detection Report

Prepared for:

Beekeeper contact  
information

Prepared by:

BVS, Inc.  
David Wick, CEO BVS, Inc.  
795 Porter Hill Rd  
Stevensville, MT 59870  
406-369-4214

Sample report date –

Date of  
report

BVS, Inc.  
795 Porter Hill Rd., Stevensville, MT 59870  
Phone 406-369-4214  
[mrwick@montana.com](mailto:mrwick@montana.com)

# Virus Detection Report

The samples represented in this report were processed through the Integrated Virus Detection System at BVS, Inc. The following is a summary report and for the purposes of this report all detections are considered to be virus detections.

## Discussions and Conclusions:

Date of  
tests

- Samples arrived in good condition and were run on
- Samples have Nosema spore counts and bee weight of:

Sample ID	Spore count million spores / bee	Bee weight - g
Beekeeper assigned sample location id	0	0.133
	0.4	0.128
	0.4	0.122
	0	0.125
	0	0.133
	0	0.130
	0	0.102
	0	0.136
	0	0.105
	0.2	0.118

- Only 3 samples had nosema counts that were low counts, with typically
  - The virus range was narrow with Sacbrood
  - On the sample from the bees the honey is also a
- BVS, Inc**
- Comments and Observations on the data.**
- indicated by the pressed bees or with the appear to be an acute condition contrary to the data we are seeing that indicates good bees.

If you have any questions let me know.

Thank you for the bees.

Dave

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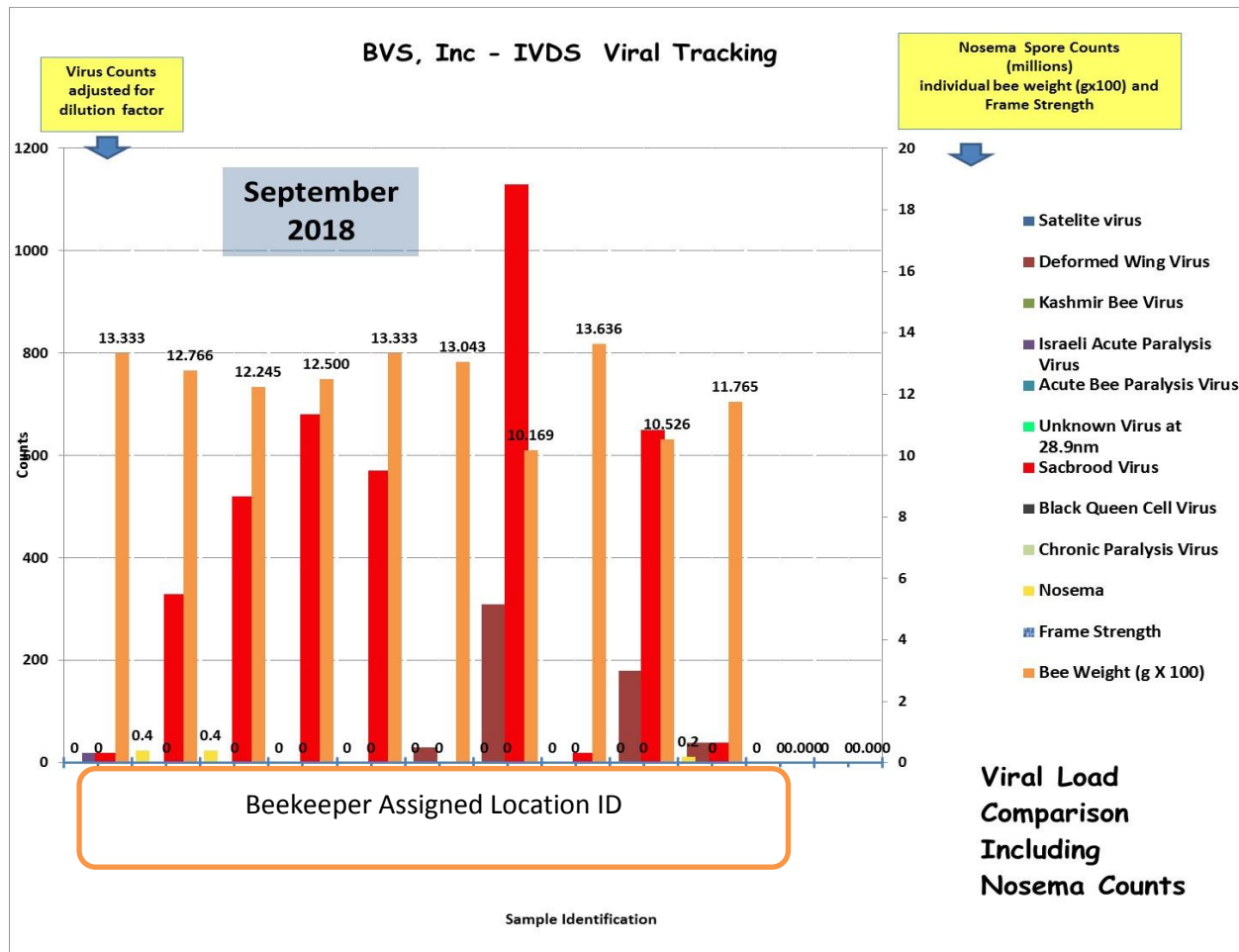
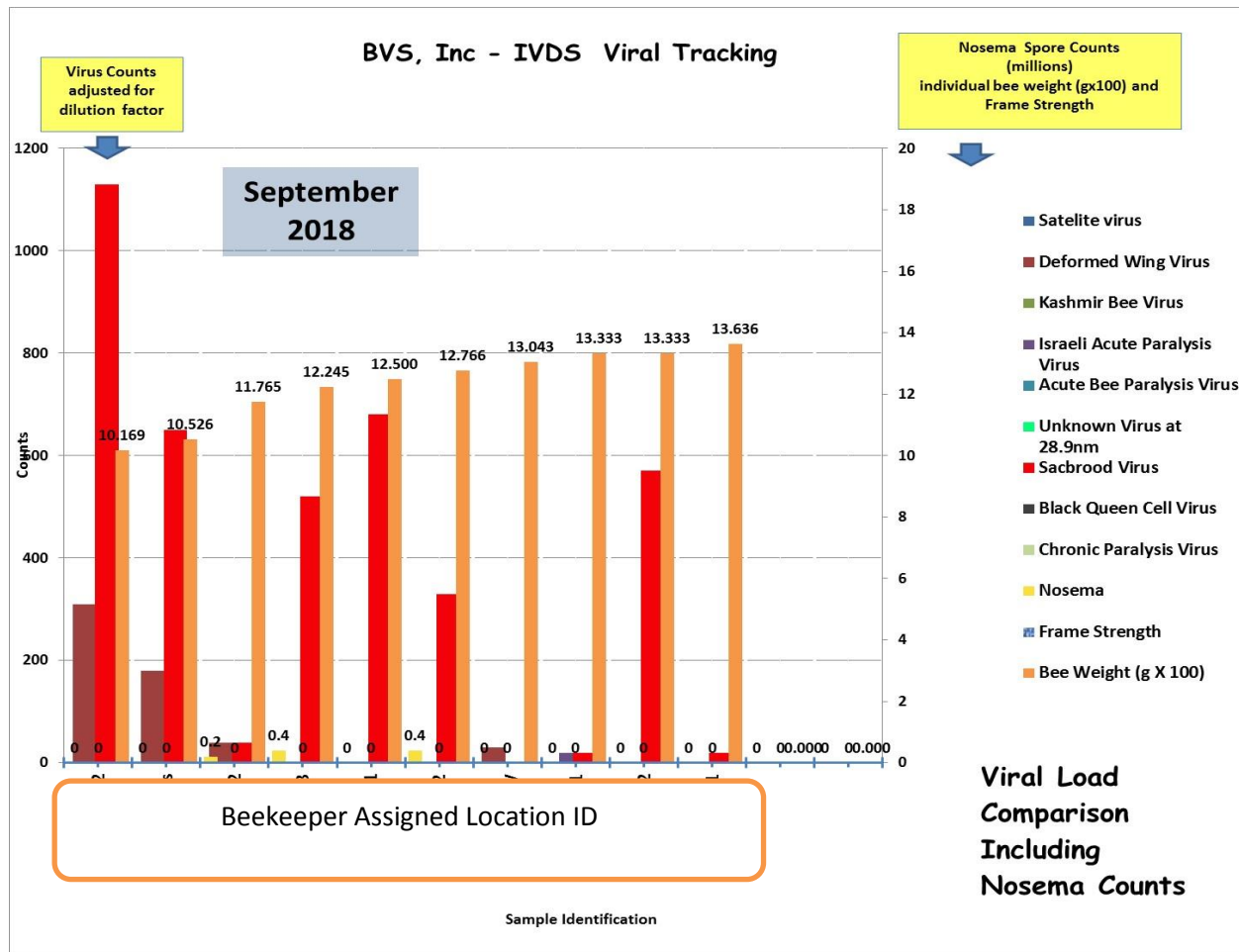
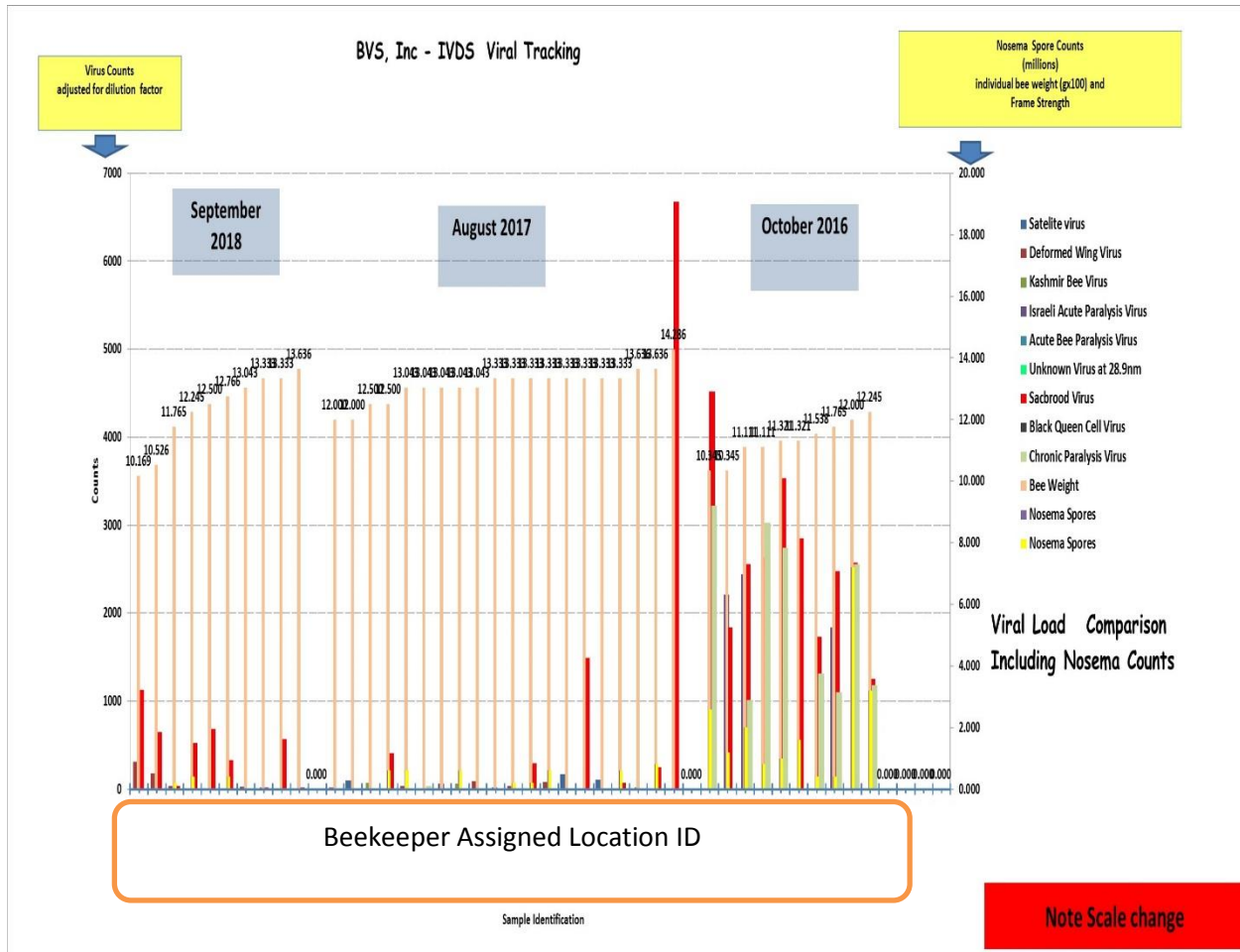


Chart showing the viral detection and the titers for virus. Nosema spore counts and frame strength are also charted (frame count was not provided), Bee Weight has been added but at 100 time the values, ie.. 10.345 is actually 0.10345 g. This chart can also be used to compare the current set with other sample sets sent in (useful in tracking changes over time and evaluation of treatments, locations, events, etc...). This chart may be best viewed electronically so that it can be magnified. This chart is scaled to easily see the viral detections and relative loads.



Same data as previous chart – sorted by bee weight.

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**BVS, Inc**

**Comments and Observations on the data.**

observations would be a viral problem.

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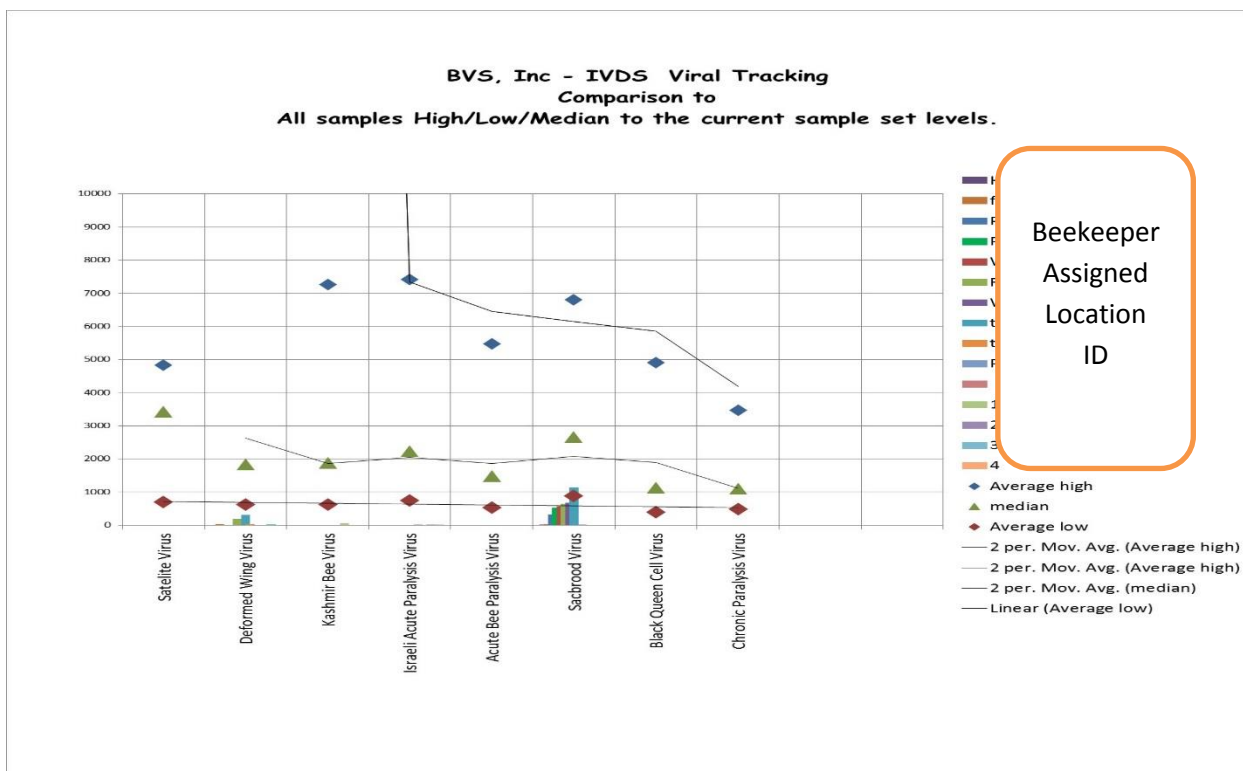
High levels  
Medium levels  
Low Levels

BVS ID  
number  
and  
Beekeeper  
Assigned  
Location ID

Virus Detection Report

Frame Strength	Virus diversity per sample	Nosema Levels - million/bee	Nosema Levels	bee weight (g)	10 bee squish	Satellite Virus	Deformed Wing Virus	Kashmir Bee Virus	Israeli Acute Paralysis Virus	Acute Bee Paralysis Virus	Sacbrood Virus	Black Queen Cell Virus	Chronic Paralysis Virus
			NA	NA		Virus size in nm	DWV	KBV	IAPV	ABPV	SBV	BQCV	CPV
						17.5							
						18.1							
						18.8							
						19.5							
						20.2							
						20.9							
						21.7							
						22.5							
						23.3							
						24.1							
						25							
						25.9							
						26.9							
						27.9							
						28.9							
						30							
						31.1							
						32.2							
						33.4							
						34.6							
						34.6							
						35.5							
						35.9							
						37.2							
						38.5							
						40							
						41.4							
						42.9							
						43.1							
						44.5							
						46.1							

Table with the BVS assigned number your location id, frame count, diversity, viral size and associated virus name in a high, medium and low format as well as bee weight.



This Chart compares your samples for the common viruses that BVS, Inc has identified and assigned a common name. The data compares the viruses detected in each sample and posted the titer or counts in columns that also have the Average High, Average Low and the Median measurements . The high, low and median are for all samples in the BVS data base.

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