



# Sign-Up For First Monitoring

(July 31st - Aug 6th, Puget Sound)



## 1. Learn

Our research indicates that MITE BUSTING is an effective way to keep your bees alive through winter. If we coordinate our MITE BUSTING, this is most effective.

The first step is to monitor your levels of infestation. We will coordinate our monitoring the week of July 31st to August 6th, 2016.

If you are not a beekeeper and still want to help, contact us with the email below.

<7 Mites per  
100 Bees  
96% Survive

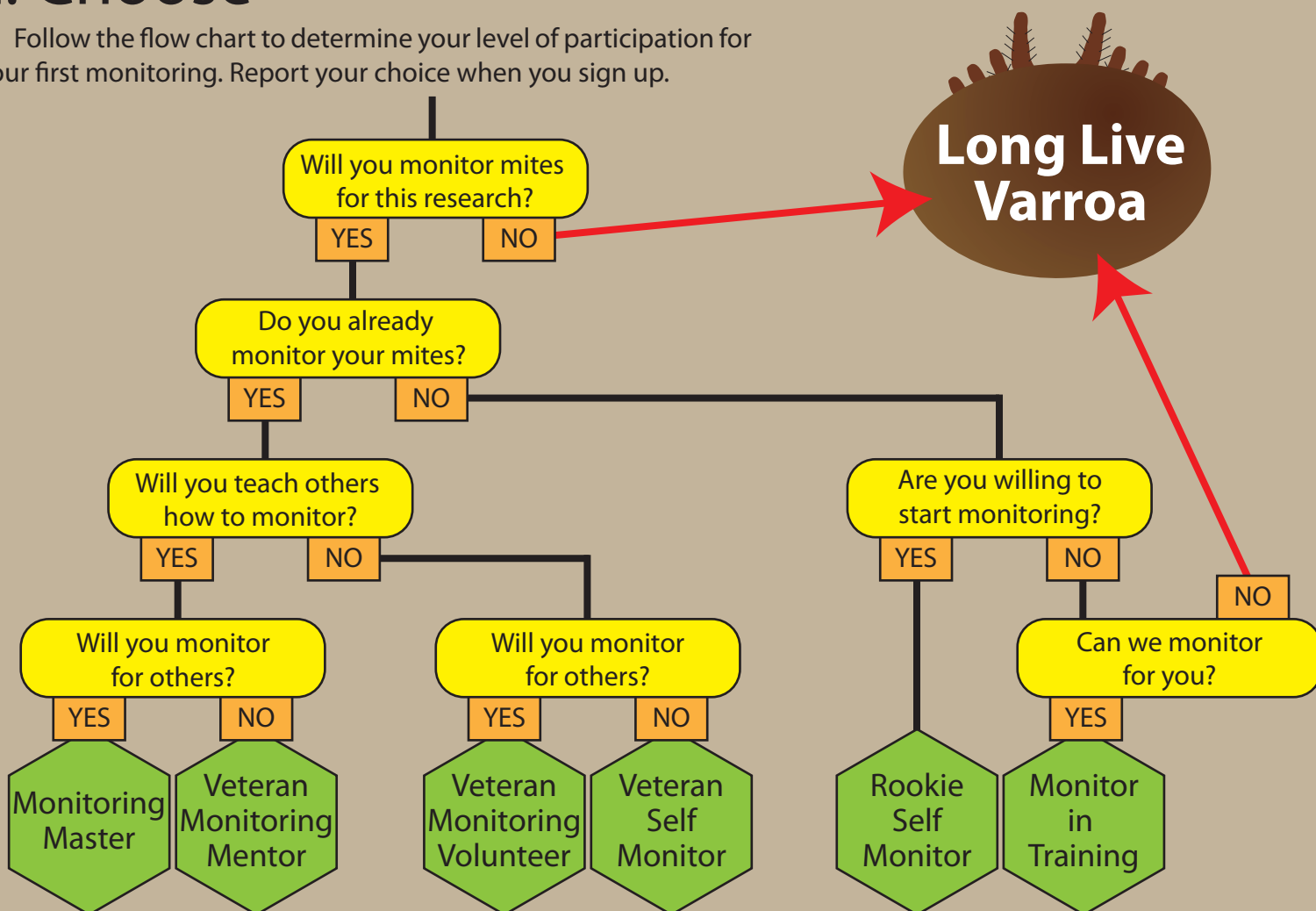
Alive

>7 Mites per  
100 Bees  
30% Survive

Dead

## 2. Choose

Follow the flow chart to determine your level of participation for our first monitoring. Report your choice when you sign up.



## 3. Sign-Up

Provide this information to  
[dnajera@greenriver.edu](mailto:dnajera@greenriver.edu)

- Name
- Contact Info (Facebook, phone, -other)
- Zip Code or City of your BEES (Multiple if need bee)
- Your Choice from #2 above.

Methods interested in or confident with.

1. Screened bottom - sticky board
2. Screened bottom - non-sticky board
3. Sugar Shakes
4. Other: \_\_\_\_\_



# 1st BUSTING

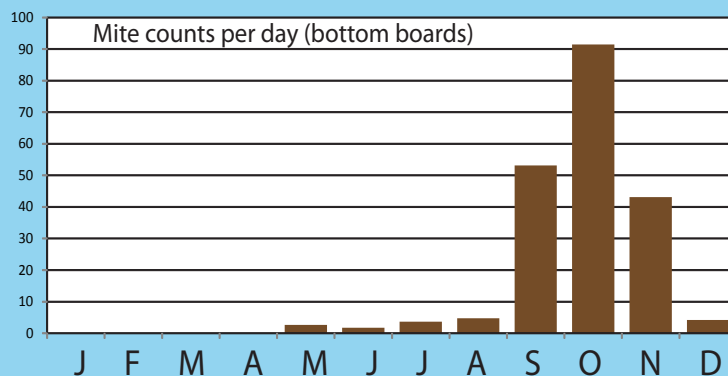
(Aug 14th - Sep 3rd, Puget Sound)



## 1. Mite Count Numbers?

Our goal is to get the Varroa mite counts under 7 per 100 bees (7% infection) for bees in general. However to prevent reinfection, we are coordinating our BUSTING so that during the week of August 28-September 3, the mite population will be minimized.

The reason for choosing this specific week comes from our data about when mites start to show up; see the graph to the right. We can't let them build up in September.



## 2. Choose Your BUSTING Options

During the summer, there are many options that would work to BUST the mites; even more than listed here. Choose one option here based upon your preferences. Then, see the calendars for the proper timing of your choice to maximize our coordination. When applying, make sure to follow the directions. We will monitor again later in the year to see if reinfection happened. If you want to monitor again in September, please do so and send the data to [dnajera@greenriver.edu](mailto:dnajera@greenriver.edu).

With your sugar shake numbers in hand, here are our recommendations for your counts (% infection). Here at Green River College, we will be using Mite Away Quick Strips.

1- 3% (F, I, J, K)

4-6% (E, G, H, I, J, L)

>6% (E, G, H, L)

Label	Option Name	Type	Applications	Use with honey on?
A	Apistan Strips	Synthetic	1	no
B	Check-Mite +	Synthetic	1	no
C	Apivar	Synthetic	1	no
D	Apiguard	Non-Synthetic	2	no
E	Mite Away Quick Strips (MAQs)	Non-Synthetic	1	yes
F	Hopguard II	Non-Synthetic	1	yes
G	Oxalic Acid Vapor	Non-Synthetic	3	yes
H	Oxalic Acid Drip	Non-Synthetic	3	yes
I	Drone Trap	Mechanical	2	yes
J	Brood Break (14 days)	Mechanical	1	yes
K	Powdered Sugar Dusting	Mechanical	5	yes
L	VSH Bees	Genetic	1	yes

August						
S	M	T	W	T	F	S
	1	2	3	4	5	6
	7	8	9	10	11	12
	13	14	15	16	17	18
	19	20	21	22	23	24
	25	26	27	28	29	30
	31					

August						
S	M	T	W	T	F	S
	1	2	3	4	5	6
	7	8	9	10	11	12
	13	14	15	16	17	18
	19	20	21	22	23	24
	25	26	27	28	29	30
	31					

August						
S	M	T	W	T	F	S
	1	2	3	4	5	6
	7	8	9	10	11	12
	13	14	15	16	17	18
	19	20	21	22	23	24
	25	26	27	28	29	30
	31					

August						
S	M	T	W	T	F	S
	1	2	3	4	5	6
	7	8	9	10	11	12
	13	14	15	16	17	18
	19	20	21	22	23	24
	25	26	27	28	29	30
	31					