

DO NOT SEND US THIS PAPER SURVEY! WE WILL NOT ENTER ANY RESPONSES PROVIDED ON THIS PREVIEW.

This preview of the survey is intended to allow you to look through the questions, or print a hard copy, as an aid before taking the survey online (at http://10.selectsurvey.net/beeinformed/TakeSurvey.aspx?SurveyID=BIP2015)

Completion of all or part of this survey is voluntary. If you are not comfortable answering a question, please leave it blank. Questions marked by an asterisk (*) are mandatory.

1* In what state(s) did you keep your colonies in between April 2014 - April 2015? (Select all that apply)								
☐ Alabama	☐ Georgia	☐ Maryland	☐ New Jersey	☐ Rhode Island	☐ Vermont			
☐ Alaska	☐ Hawaii	☐ Massachusetts	☐ New Mexico	☐ South Carolina	☐ Virginia			
☐ Arizona	☐ Idaho	☐ Michigan	☐ New York	☐ South Dakota	☐ Washington			
☐ Arkansas	☐ Illinois	☐ Minnesota	□ North Carolina	☐ Tennessee	☐ West Virginia			
☐ California	☐ Indiana	☐ Mississippi	☐ North Dakota	☐ Texas	☐ Wisconsin			
☐ Colorado	☐ Iowa	☐ Missouri	☐ Ohio	☐ Utah	☐ Wyoming			
☐ Connecticut	□ Kansas	☐ Montana	☐ Oklahoma	☐ Other, please specify:				
☐ District of Columbia	□ Kentucky	□ Nebraska	☐ Oregon					
☐ Delaware	Louisiana	☐ Nevada	☐ Pennsylvania					
☐ Florida	☐ Maine	☐ New Hampshire	☐ Puerto Rico					
include mating nucs); "Liv swarms and/or feral colo	For the purpose of this survey: a "colony" is a queen right unit of bees that includes full size colonies and queen right nucs (do NOT include mating nucs); "Living" means alive on that date, independent of future prospects; "Increases" include successfully hived swarms and/or feral colonies. 2* How many <u>living</u> colonies did you have last spring on April 1, 2014 ?							
3* How many coloni	es, splits and/o	r increases did you <u>n</u>	nake / buy between					
April 1, 2014 and	October 1, 201	4?		<u> </u>				
4* How many coloni	es, splits and/or	r increases did you <u>s</u> e	ell or give away					
between April 1, 2	2014 and Octob	er 1, 2014?						
5* How many living	colonies did you	have on October 1 ,	, 2014?					
6* How many coloni	es, splits and/or	r increases did you n	nake / buy between					
October 1, 2014 a			<u>.</u>					
		r increases did you <u>s</u>	ell / give awav					
between October		_	- , <u>0</u> ,					
		overwinter surviving	colonies plus					
purchase or splits) did you have o	on April 1, 2015 ?	·					
		living colonies you o	wned between					
April 1, 2014 and	April 1, 2014 and April 1, 2015?							
10 What was the sm	allest number o	of living colonies you	owned between					
April 1, 2014 and	April 1, 2015?							
11 Of the colonies in still alive on Octo	•	w many of those spe	cific colonies were					
	question 5, ho	w many of those spe	cific colonies were					

National Colony Loss and Management Survey

13	13 What percentage of loss, over the winter, would you consider acceptable? Between 0-100%															
14	Was your win O Higher		s this y Lower	ear hig		lower Same			ir? <i>(cho</i>) I'm un:		ne)				ees last year	
15	What percent			lonies							ober 1		ulu Hot	кеер Бе		
	2014 and Apr		•										tween 0		☐ None	9
16	In your opinion between Octo					-			-	-	of col	ony de	ath in y	your op	eration	
Пι	did not experier				Queen 1			Starva			□ Colo	ny Coll	apse Dis	sorder (0	CCD)	
	arroa mites oor wintering co	ndition			Nosema Weak ir			Small I Pestici	Hive Bee		□ Natı □ I dor			d alike (eg. flood, be	ear)
	oor wintering co Other, please spe		15		vveakii	i tile la		restici	ues		L Tuoi	I L KIIO	<i>V</i>			
1 -	15 What percentage of your hives did you send to or move into California None															
15	almond orcha	_	•		•		o or me	ove inc	.o Callic	orriia	Potu	100n O 1	00%		ione	
16	Approximatel		•				ation m	oved a	across s	state	Betw	veen 0-1	00%		lone	
	lines at least	once b	etwee	n April	1, 2014	and A	April 1,	2015?	•		Betw	veen 0-1	00%			
17	Please indicat			•	•				-			onths	with ar	ı "x").		
Stat	Also list the n	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sept	Oct	Nov	Dec	Liv	ing Coloni	es on
															12/31/	
Locat	woor / April 1	2014+	a April	1 201	E)											
18*	year (April 1, 2 how often				19*	ho	w ofte	n did y	ou mo	nitor	20*	h	ow ofte	en did y	ou inspect	your
	VARROA mit	•				NOS	SEMA le	evels ii	ls in your colonies for BROOD diseases					-		
	colonies? (ch								oose one) (choose one)							
	O Never O ~ once a ye	(skip (ear	221)				ever once a		r O Never O ~ once a year				year			
	O ~ once eve	ry 4 mo				O ~	once ev	very 4 r				O.	once e	very 4 n		
	O ~ once eve							-	3 months O ~ once every 3 months 2 months O ~ once every 2 months							
	O ~ once a m						once a		nth • O ~ once a month							
	O more than	once a	montn			O m	iore tha	in once	a mont	:n			every v			
21	Which of the		_	-		•		7				_		-	id you use	to
	monitor VAR			select	all that	apply)	ı							hat apply)	
☐ Visual inspection of adult bees☐ Visual inspection of drone brood						[☐ Looked for Nosema symptoms in and around the hive☐ Took samples and examined spores loads on my own									
	owdered sugar r lite drop (sticky l		or othe	r collec	tion tra	v helov	w tha hi							ansfer To	eam effort (ex: A	DHIS
	ther roll	boarus	or othe	i conec	tion tra	y Delov	v the m		NHBS,		ecteu ic	n anoti	ici illoli	intorning t	chort (ex. A	11113
	lcohol wash amples collected	by a RI	D Toch	Transfe	r Team				□ I sent □ Other				aborato	ry		
☐ Sa	amples collected						APHIS		_ Other	, picast	specif	у.				
	S,) sent samples to a	anotho	rlahoro	tory												
	ther, please spe		iabuld	itor y												

Last year (April 1, 2014 to April 1, 2015)									
23*did you use a treatment to try 24*did you use a treatment to try 25*did you use a treatment to try									
to control VARI	ROA MITES?		control N			ntrol SMALL HIVE			
(choose one)		(ch	ioose one,	BEETLES? (choose one)					
O Yes		0		O Yes					
O No		O			O No				
Note: a treatment is t			•			44 4 14 20	4=2		
26* Which, if any, of the following did you apply to any of your colonies between April 1, 2014 and April 1, 2015? ☐ None of the following ☐ Amitraz-based product (Apivar/other) ☐ Fluvalinate-based product (Apistan)									
	☐ Fumagillin (Fumadil B) ☐ ApiLife VAR (thymol-based) ☐ Coumaphos strips (CheckMite+) (for varroa)								
	☐ Terramycin ☐ ApiGuard (thymol-based) ☐ Coumaphos strips (for small hive beetles)								
☐ Tylosin (Tylan)	•	e-A-Thol (me				vay QuickStrips)			
		oil based pr	oduct (Hop	oGuard) 🗆 Oxalid	c Acid				
☐ Other, please specify	:								
27 Please specify h	now and when yo	u used the	products s	selected in Q26 durin	g the last year	r:			
Product	Specify Months	% of	Dose		Frequency	Days between	Motive		
	used	colonies	(per colo		(doses per	applications	of use ⁽¹⁾		
		treated	(eg. # of	strips)	month)	within a month			
		[1-100%]							
(1) Motive of use: A : as	part of my regular i	maintenance	: ; B : in res _l	oonse to observed pest	outbreaks; C : ii	response to lab te	st results		
indicating pest outbreak									
Last was / Amril 1 200	14+- 4	-1							
Last year (April 1, 20:	ny of the following		tions /	29* did you use					
•	try to control VAR	•		·	1ALL HIVE BEE	ollowing techniqu	es to try		
(select all that a	•	INOA WITTES) !	(select all tha		ILES!			
☐ I did not use any IP		winment		☐ I did not use any		control SHR			
☐ Drone Brood Remo		Jaipinent		☐ In-hive traps	teeriiiqae to	COTTCT OT STTD			
How many times in				What kind of bait?					
What % of your col	onies?	$\rightarrow \rightarrow$		During which months?					
			1		months:				
How much did you O ~ 1deep fr.	• ach time! • • • • • • • • • • • • • • • • • • •	? (choose o	*	☐ Soil drench					
			W II.	What % of your colonies?					
O only drone broo	d built between fra	mes		During which r	months?				
☐ Screened bottom b	☐ Screened bottom board				os				
What % of your colonies?			What % of you	ır colonies?					
During which months?			During which r	months?					
☐ Small cell size comb				☐ Nematodes ☐ Bottom-board tr	anc				
☐ Powder sugar What % of your colonies?					•				
				☐ Other, please sp	ecify:				
During which months?									
☐ Other, please spec	ify:								

Last year (April 1, 2014 to April 1, 2015)								
30* did you feed or add a food substitute or stimulant to any of your colonies? ○ Yes ○ No (skip Q 31-32) 31* Which, if any, of the following did you apply to any of your colonies between April 1, 2014 and April 1, 2015? □ None of the following □ High Fructose Corn Syrup (HFCS) □ Bee Pro □ Honey -B-Healthy □ Honey (capped frames) □ Candy (i.e., Fondant) □ MegaBee □ Vitafeed Gold □ Honey (excess extracted) □ Protein patties □ LaFore patties □ Vitafeed Green □ Sugar (Sucrose) syrup □ Other, please specify:								
32 Please specify	how and when vo	u used the	products selected in Q3	1 during the last vea	ar:			
Product	Specify Months used	% of colonies fed [1-100%]	Concentration (if mixed) (eg. 1 part water: 2 part sugar)	Dose (per colony) (eg. # of patties)	Frequency (doses per month)	Was this amount		
' '	•		this month of the year; E not applicable (first year l		feed this month o	f the year;		
33* What type or r	ace of bees do yo	u use in yo	ur operation?					
headed a majo 1 October 2014 •• Less than 6 m •• 6 months – 1 •• 1 – 2 years	O Older than 2 years O Twice a year							
•			d you replace the queen	of any of O Yes	O No (sk	ip Q37-39)		
			pening) operation did you replac	Setween 0-100:	□ None			
38 How did you re-queen the colonies that you re-queened last year? (select all that apply) □ Introduced mated queens □ Introduced queen cells □ Introduced queen right nucs □ Permitted colony or split to rear a new replacement queen on its own □ Other, please specify:								
39 If introduced , where did you get the majority (>50%) of the queens? (select all that apply) ☐ from commercial producers ☐ from beekeeper (noncommercial) ☐ I reared them myself ☐ I don't know ☐ Other, please specify:								
			. ,					
40 What hive type do you use to keep your colonies? (select all that apply) □ Langstroth 10 frame hive bodies (even if use less than 10 frames in it) □ Langstroth 8 frame hive bodies (even if use less than 8 frames in it) □ Home-made (not Langstroth dimensions) □ Other, please specify:								
41 When adding r	new frames, what	type of fou	indation do you use? (se	elect all that apply)				
☐ Foundation-less☐ Other, please specify		☐ Wax fo		☐ Plastic for	undation			

Which of the following (other than feeding), did you use to prepare for last winter (2014-2015)? (select all that apply) ☐ I did not prepare my colonies for winter ☐ I created or engaged an upper entrance ☐ I used an entrance reducer ☐ I equalized colony strength ☐ I moved my colonies to a southern location ☐ Other (but NOT feeding), please specify: ☐ I moved wo use to prepare for last winter (2014-2015)? (select all that apply) ☐ I wrapped my colonies with insulation ☐ I wrapped my colonies with tar paper or wintering sleeve ☐ I placed extra insulation on top of the colonies ☐ I used mouse guards ☐ I moved my colonies to inside wintering buildings
On October 1 2014, what was the average configuration of the brood chambers in your colonies? (please enter number of hive boxes for your configuration) nucs other
44 On average, how old is the brood comb in your colonies? (choose one) O Less than 1 year old O 1 - 2 years O 2 - 3 years O 3 - 4 years O 4 - 5 years O More than 5 years old O I don't know 45 Last year how many frames from the brood nest of your colonies did you replace on average? (choose one) O I did not replace any frames O I only replaced broken frames O ~10% (eg. 1 frame per brood box) O ~20% (eg. 2 frames per brood box) O More than 5 years old O I don't know
46 Last year, what did you do before you re-used brood comb that you had taken out of production or purchased? □ I did not reuse any old brood comb □ I did not treat the comb in any particular way □ I fund the comb with acetic acid □ I froze the comb □ I stored the comb with paradichlorobenzene crystals (moth crystals) □ I irradiated the comb □ I stored the comb with napthalene (moth balls)
 Generally, when you found a dead and/or weak colony in your operation over the last year you would: (choose one Note: Excluding colonies killed by AFB Immediately replaced dead colony by splitting frames of bees/brood from other colonies into the dead out equipment Packed up the dead equipment and stored it for re-use at a later date A mixture of both, I immediately replaced some and packed up others I did not find dead colonies Other, please specify:
Last year (April 1, 2014 to April 1, 2015) 48* did you start or obtain any new colonies? • Yes • No (skip Q 49 &50)
How did you start or obtain new colonies last year? (select all that apply) I made increases by splitting strong colonies I bought and installed packages and/or nucs I bought (or received) hives from another beekeeper I caught and installed swarms
What percentage of the colonies in your operation that were alive on October 1, 2014 came from splits, increases, or packages established or made the previous spring and summer, after April 1, 2014? (In other words, what % of your colonies experienced their first winter)
51 What best describes the environment around your apiary(ies)? (Consider ~3 miles radius) (select all that apply, specify the % in total area; the total should add up to 100%) □ Natural □ □ Agricultural □ □ Urban □ Suburban

Last	year (April 1, 2014 to Ap	oril 1, 2015)			<u> </u>	<u> </u>			
52*	did you harvest or re	move honey from your colon	ies? O Yes O N	lot last year 🔾	I never atter	mpt to (skip Q54-56)			
53	If yes, during which mo	onths did you harvest honey?							
54	If yes, how much honey	y did your average colony pro	duced?						
	in Ibs per colony How was it compared to previous years? No harvest Above average Average Below average								
55	How was it compared t		_		Average	Below average			
					0	0			
		(val.) to oopt,			0	0			
					Ö	ŏ			
56		e in proximity of the majority			_	_			
	O I don't know O Please specify the crops :								
		. ,							
Last	year (April 1, 2014 to Ap	oril 1 2015)							
57*		our colonies for pollination of	agricultural crons?	O Yes	Q No (sk	kip Q 58 &59)			
58		n income by renting your cold	<u> </u>			efer not to say			
59		ies did you rent for which cro	-						
Crop	•	# of colonies rented	Crop		# of colon	ies rented			
Ciop	<u> </u>	" or colonies rented	СГОР		# 61 colon	ies renteu			
Last	year (April 1, 2014 to Ap	oril 1, 2015)							
60		es? (select all that apply)							
	☐ For pollination	☐ For honey/ pollen/ w	vax production for sal	le					
	$\ \square$ For Queen production	☐ For honey/ pollen/ w	ax production for pe	ersonal use only	/				
	☐ For Package production		·						
	☐ For Nuc production	☐ For teaching/ educat							
	☐ For research	☐ Other, please specify	':						
61	were you expecting to	o derive an income from you	beekeeping activit	ties? (choose d	one)				
	O No, beekeeping is a hold								
	•	erive an unpredictable income (• •	ax, package)					
		beekeeping activities to supple							
63		beekeeping activities to provide			22 /chassa c	an a l			
62	O None	our annual income was deriv	s than 5%	eeping activite	esr (choose c	nie)			
	O I lost money		ween 5 to 50%						
	O I prefer not to say		ween 51 to 90%						
	O I don't know	O Ove							
63	Approximately how man	ny years have you been keepi	ng bees?						
6.4	How did you first loarn	booksoning? (coloct all that a	nn/u)		ir	n years			
04	How did you first learn beekeeping? (select all that apply) ☐ From a mentor beekeeping (friend or famiy) ☐ From a Beekeeping Class (bee group/club/master class)								
	☐ On my own (books, interest		☐ Other, please		ee group/club/	master class)			
		•			A A				
65	Are you member of a be	eekeeping organization?		-	-	owing monitoring			
	(select all that apply) efforts? (select all that apply)								
	 □ Local beekeeping group □ State beekeeping organization □ Bee Informed Tech Transfer Teams 								
	☐ State beekeeping organ					d monitoring)			
	☐ National beekeeping o	rganization of any beekeeping organization	☐ Bee Informed☐ None of the a	•	ie disease 10a0	u monitoring)			
	☐ I prefer not to say	or any beeneeping organization	☐ I prefer not to						
	- p- 2-2		☐ I'm unsure	· - j					

	Beekeeping Class Beekeeping Club / Association meetings Online (blogs, videos, media) Books Bee Journals or Magazines Scientific publications	Beekeeping Association Newsletters Beekeeping Conventions Suppliers (of beekeeping equipment) Apiary inspector (or any state officials) University Extension / Outreach Bee Informed Partnership Other, please specify:	a anal
68	When choosing treatment or feeding strategies for your on Not willing to use any non-bee produced products in the hire on Only willing to use natural or organic products in the hire of Prefer to use natural or organic products in the hire but will of Will use synthetic products if needed of No preference of Other, please specify:	ive	e one)
69	How much time over the course of the entire year	O I don	t know
	would you estimate that you and/or others spend caring for all of your colonies?	in total hours	er not to say
70	Of the time spent caring for your colonies, what percenta (the spent (time spent to and from your apiary(ies)) Feeding (or adding food substitute or stimulant) Honey (harvest and production) Normal Seasonal Management (visit to the hivest pest monitoring (checking for Varroa, Nosema) Applying chemical treatments (as selected earlied Displaying other pest control techniques (drone Other How much (in \$) would you value your average colony if the spent control techniques (drone other)	s, prevention of swarming) er in the survey) brood removal, SHB traps)	eeping time
	October in \$ in \$ April		
72	How much money over the last year did you spend on fe	eed (protein and/or carbohydrates)?	
73	Do you believe that you are using Best Management Pra • Yes, always • Sometimes • In some hives and not others • With some aspects of beekeeping and not others	Actices in your colonies? (choose one) O No O I don't know O I don't know what best practices are O I don't think best management practices wo	in \$
74	If not always, what is stopping you to adopt best manage Not enough information about those practices Practices too costly Practices too labor-intensive Other, please specify:	_ ·	

CONGRATULATIONS! You're almost there!!



Thank you for participating in this survey!

Results will be posted at the beeinformed.org web site as they become available.

75	Ma may wish to contact you if we h	ava avastions about vour ra	spansos la this OV2	O Yes	O No				
75 76	We may wish to contact you if we h		O No						
76	Would you be willing to participate			O Yes	O NO				
77	, , , , , , , , , , , , , , , , , , , ,								
	The Bee Informed Partnership does not share any email addresses								
78	Did you complete this survey on bel	half of someone else?	○ Yes	0	No				
79	Is this the first year you are particip	ating in our survey?	O Yes	0	No				
80	Where did you hear about this surve	ey? (select all that apply)							
	☐ Organization newsletter	☐ Bee meeting	☐ Website						
	☐ Friend or neighbor	☐ State apiarist	□ BIP (we emailed	you)					
	▼ Paper survey								
	☐ Other, please specify:								
81	Any comments?								

Thank you for your time in answering our Colony Loss and Management Survey!

The Bee Informed Partnership is an extension project that endeavors to decrease the number of managed honey bee colonies loss.

By answering those questions on colony loss and management, you are helping us describe a realistic picture of the losses in the US and better understand factors that contribute to reducing colony losses.

Come visit beeinformed.org for some insights on how the survey results can benefit the decisions in your colony management!

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