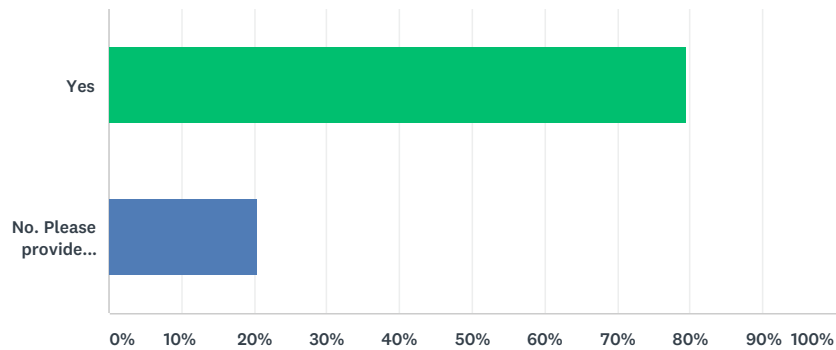


Q1 Does your state have or are you in the process of developing a managed pollinator protection plan?

Answered: 49 Skipped: 0

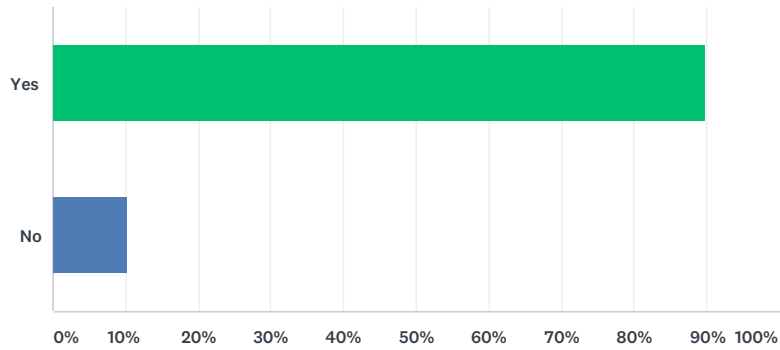


ANSWER CHOICES	RESPONSES
Yes	79.59% 39
No. Please provide additional information regarding your decision not to have a plan.	20.41% 10
TOTAL	49

#	NO. PLEASE PROVIDE ADDITIONAL INFORMATION REGARDING YOUR DECISION NOT TO HAVE A PLAN.	DATE
1	Developing	11/19/2019 2:56 AM
2	The State of Iowa implemented pollinator protection plan efforts prior to the onset of 'managed pollinator protection plans'. The state "bee rule" serves as Iowa's most significant pollinator protection action. It can be found under Iowa Administrative Code (ch. 45.31). See https://www.iowaagriculture.gov/Entomology/pdf/2018/Iowa's%20Answer%20to%20MP3%203-20-2018.pdf	11/15/2019 8:32 PM
3	The MDA does not have written plan but carries out several pollinator protection related activities.	11/13/2019 9:16 PM
4	Not an official plan, but more of a best management practices.	11/13/2019 8:03 PM
5	State statutes require classification of neonicotinoids labeled for use on plants to be restricted use. Also, require development of BMP's for minimizing airborne liberation of neonicotinoid dust from treated seeds and mitigating effects of dust on pollinators	11/13/2019 2:01 PM
6	Protections are best realized when they are on the table and enforceable	11/12/2019 3:56 PM
7	not at this time.	11/4/2019 4:36 PM
8	Ohio has other processes in place to address the issue.	10/30/2019 1:27 PM
9	At this time, we do not plan to develop a MP3.	10/29/2019 6:05 PM
10	New Jersey has had pollinator/beekeeper legislation backed-up by mandatory penalties for over 30 years. I believe that only 4 or 5 States out of 50 have said type of legislation already in place. The NJ Department of Environmental Protection and the NJ Department of Agriculture coordinate a beekeeper registry and have for (again) 30+ years. Additionally, NJ just created new legislation protecting native bees and pollinators in 2018 expanding it's already well rounded beekeeper Rule. That's not to say NJ doesn't have room for improvement - we will be reviewing other States MP3s. NJ already has better regulation embedded in its Rules and Statutes which is enforceable, rather than best management practices.	10/16/2019 2:49 PM

Q2 Does your state have a method to facilitate or increase communication between pesticide users and beekeepers?

Answered: 49 Skipped: 0

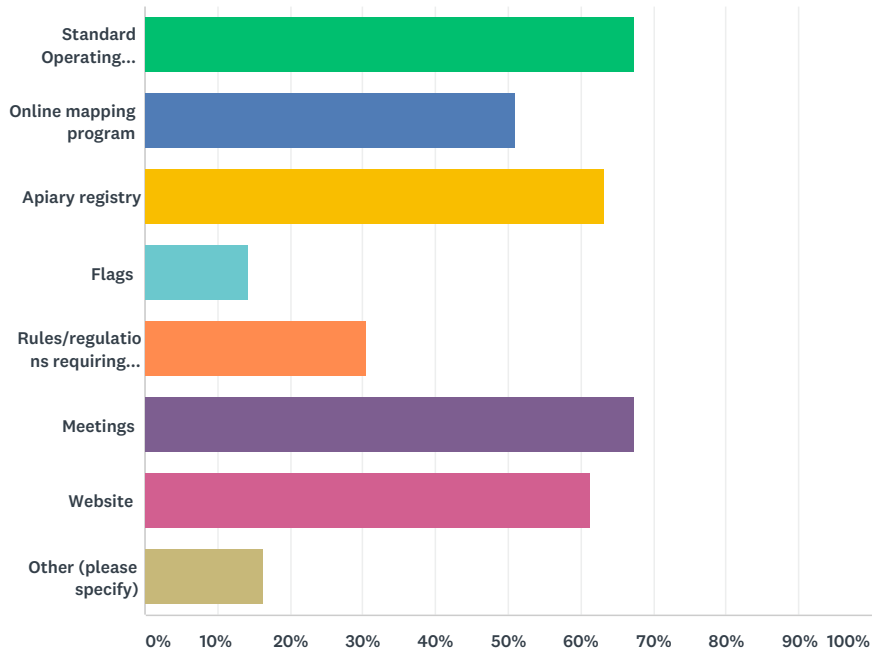


ANSWER CHOICES	RESPONSES	
Yes	89.80%	44
No	10.20%	5
TOTAL		49

#	COMMENTS	DATE
	There are no responses.	

Q3 What method(s) is (are) being used in your state to increase communication between pesticide users and beekeepers? (please check all that apply).

Answered: 49 Skipped: 0



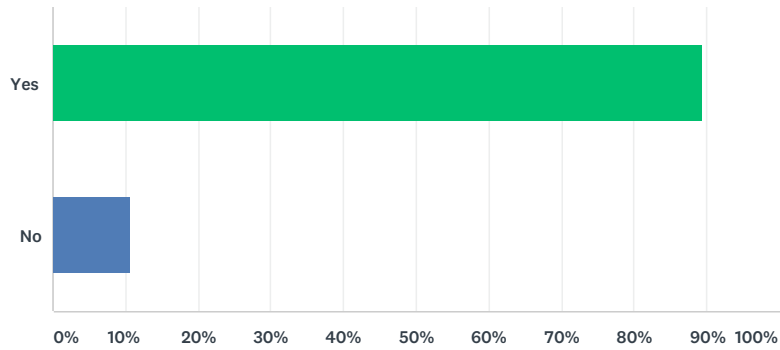
ANSWER CHOICES	RESPONSES
Standard Operating Procedures (SOPs)/Best Management Practices (BMPs)	67.35% 33
Online mapping program	51.02% 25
Apiary registry	63.27% 31
Flags	14.29% 7
Rules/regulations requiring notification of pesticide applications	30.61% 15
Meetings	67.35% 33
Website	61.22% 30
Other (please specify)	16.33% 8
Total Respondents: 49	

#	OTHER (PLEASE SPECIFY)	DATE
1	Bee Aware Symposiums in 2015 & 2017, Local County Agricultural Commissioners' (CAC) staff continuing education presentations throughout CA.	11/18/2019 10:01 PM
2	General SOPs and BMPs are part of our MP3. Crop- or crop group-specific BMPs are under development. Beekeepers have the option of using BeeCheck to post apiary locations. Meetings are primarily through a variety of Michigan State University's outreach and education efforts with beekeepers, growers, pesticide users, beekeepers, and general public (MSU and Michigan Department of Agriculture and Rural Development are active MP3 partners). MP3 websites are maintained by MDARD and MSU.	11/8/2019 2:30 PM
3	Increased resources related to pollinators in the State pesticide training materials.	10/31/2019 3:58 PM
4	Ohio Department of Agriculture is participating in the Executive Committee of the Ohio Pollinator Habitat Initiative. The first Symposium was held in August 2016 and was attended by more than 400 stakeholders.	10/30/2019 1:27 PM
5	NCDA&CS utilizes the FieldWatch program for mapping, communication, and collaboration, between growers and beekeepers since April of 2016. We have conducted extensive outreach to local county bee chapters and the NC State Beekeepers Association.	10/25/2019 1:54 PM

6	Public Outreach and Education, as well as, coordination between the Department of Environmental Protection (lead agency) and the Department of Agriculture and our State Land Grant University, Rutgers.	10/16/2019 2:49 PM
7	Farm tours with stakeholders.	10/15/2019 2:22 PM
8	CDA has a Beekeeper Representative that sits on the Pesticide Advisory Committee, which is a 15 person committee representing the pesticide/agricultural industry, registrants, health department, CSU, organic growers and the general public.	10/15/2019 1:56 PM

Q4 Does your pollinator plan include written SOPs or BMPs to reduce pollinator exposure to pesticides?

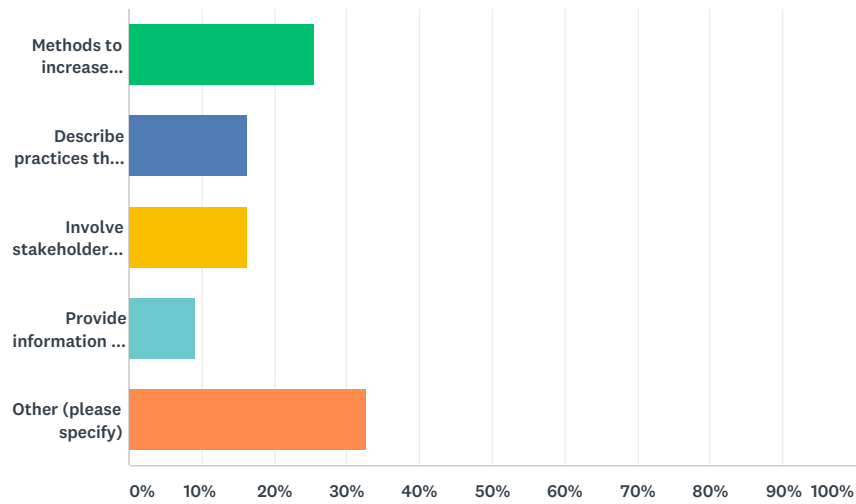
Answered: 47 Skipped: 2



ANSWER CHOICES	RESPONSES	
Yes	89.36%	42
No	10.64%	5
TOTAL		47

Q5 Please indicate the content of the BMPs or SOPs (please check all that apply):

Answered: 43 Skipped: 6



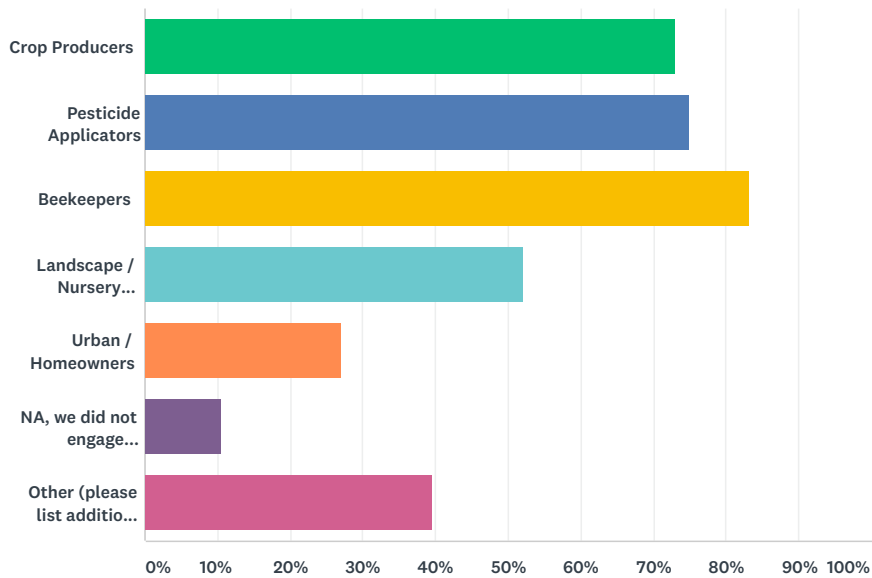
ANSWER CHOICES	RESPONSES
Methods to increase communication between beekeepers and pesticide applicators	25.58% 11
Describe practices that reduce pesticide exposure	16.28% 7
Involve stakeholder engagement	16.28% 7
Provide information on the value of increasing pollinator habitat	9.30% 4
Other (please specify)	32.56% 14
TOTAL	43

#	OTHER (PLEASE SPECIFY)	DATE
1	ERROR - software will not allow me to check all four boxes above! In CA the content includes the four listed.	11/18/2019 10:07 PM
2	See https://www.iowaagriculture.gov/Entomology/pdf/2018/Iowa's%20Answer%20to%20MP3%203-2018.pdf	11/15/2019 8:33 PM
3	Unable to check more than one choice. All of the above apply, however, based on current general BMPs and the crop-specific BMPs being developed.	11/8/2019 2:34 PM
4	Q5 will not all "Check all that apply". MP3 stresses communication between beekeepers and applicators, but does not suggest methods.	11/6/2019 6:02 PM
5	All the above. Survey would not let me choose "all that apply".	11/6/2019 2:35 PM
6	a. Methods to increase communication between beekeepers and pesticide applicators b. Describe practices that reduce pesticide exposure c. Involve stakeholder engagement d. Provide information on the value of increasing pollinator habitat	11/2/2019 1:19 AM
7	This question states "check all that apply" but only one choice can be selected... our answer is "yes" to each of the following: * Methods to increase communication between beekeepers and pesticide applicators * Describe practices that reduce pesticide exposure * Involve stakeholder engagement * Provide information on the value of increasing pollinator habitat	10/30/2019 2:02 PM
8	Methods to increase communication Providing info on value of habitat	10/30/2019 1:35 PM
9	All of these apply but I could not check more than one answer hence I am using the other category	10/29/2019 6:34 PM
10	In addition to increasing communication, -Proper hive management; -Proper locating of apiaries; -Protecting hives; -Familiarity with and selection of pesticides; and -Use of IPM.	10/28/2019 3:20 PM
11	All of the above, the survey is only letting me check one box.	10/25/2019 5:57 PM
12	Our Regulations mandatorily require specific notification (area wide & individual bases); see N.J.A.C 7:30-9.11.	10/16/2019 3:12 PM

13	It's allowing me to only choose one, whereas all of the above apply.	10/15/2019 2:05 PM
14	All of the above.	10/15/2019 1:58 PM

Q6 If you included stakeholders in the development of your state managed pollinator protection plan, did you engage (please check all that apply):

Answered: 48 Skipped: 1



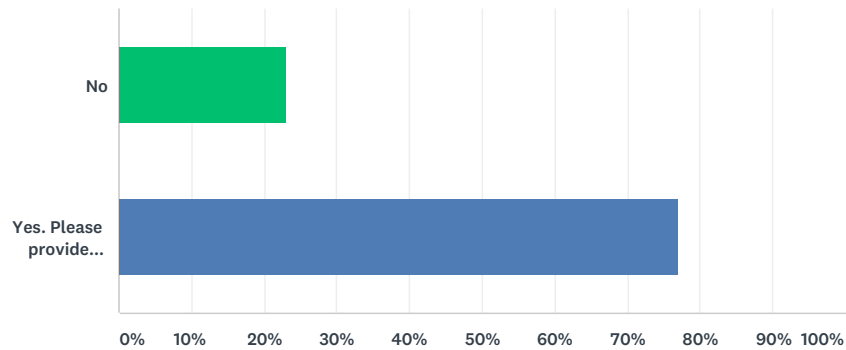
ANSWER CHOICES	RESPONSES
Crop Producers	72.92% 35
Pesticide Applicators	75.00% 36
Beekeepers	83.33% 40
Landscape / Nursery Industry	52.08% 25
Urban / Homeowners	27.08% 13
NA, we did not engage stakeholders in the development of the plan.	10.42% 5
Other (please list additional stakeholders)	39.58% 19
Total Respondents: 48	

#	OTHER (PLEASE LIST ADDITIONAL STAKEHOLDERS)	DATE
1	Still under development	11/19/2019 2:57 AM
2	Prior to the onset of the state managed pollinator protection plans, Iowa initiated stakeholder engagement as part of the public rule-making process for the Iowa Bee Rule.	11/15/2019 8:33 PM
3	University Personnel	11/15/2019 2:32 PM
4	No plan developed	11/13/2019 2:04 PM
5	State and federal agencies/partners. University and University Extension. Crop producers and commodity organizations. Private environmental/natural resource protection organizations. Wide area land stewards (utilities, transportation).	11/8/2019 2:34 PM
6	Aerial applicators	11/6/2019 4:14 PM
7	Pesticide applicators and beekeepers have been repeatedly notified of the plan and the opportunity to provide comment.	11/5/2019 6:09 PM
8	University extension agents, NGOs	11/2/2019 1:19 AM
9	State Agencies, Researchers, NGO's focusing on environmental issues.	10/31/2019 4:03 PM
10	Dept. of Natural Resources, NRCS, FSA, Industry groups, wildlife groups, researchers	10/31/2019 3:39 PM
11	Dealing with this through Ohio Pollinator Habitat Initiative (OPHI). Apiary section provides outreach and conducts trainings.	10/30/2019 1:35 PM

12	Researchers/Academia	10/28/2019 3:20 PM
13	State Agencies and Researchers	10/25/2019 7:01 PM
14	Other governmental agencies including: ND Game and Fish, USFWS, USDA, NDSU Extension and others.	10/25/2019 5:57 PM
15	NCSU, NC Farm Bureau, NCDA&CS Apiary Section	10/25/2019 2:04 PM
16	Land grant university	10/22/2019 1:49 PM
17	Adoption of State Regulations requires public hearings and a 90 day public comment period; followed by a written response to comments.	10/16/2019 3:12 PM
18	crop consultants.	10/15/2019 2:24 PM
19	We worked through the Pesticide Advisory Committee to submit feedback on the BMPs proposed.	10/15/2019 1:58 PM

Q7 Are you coordinating activities or trainings with other agencies, university-extension or non-governmental organizations (NGO) within your state?

Answered: 48 Skipped: 1



ANSWER CHOICES	RESPONSES
No	22.92% 11
Yes. Please provide additional information regarding the level or types of activities.	77.08% 37
TOTAL	48

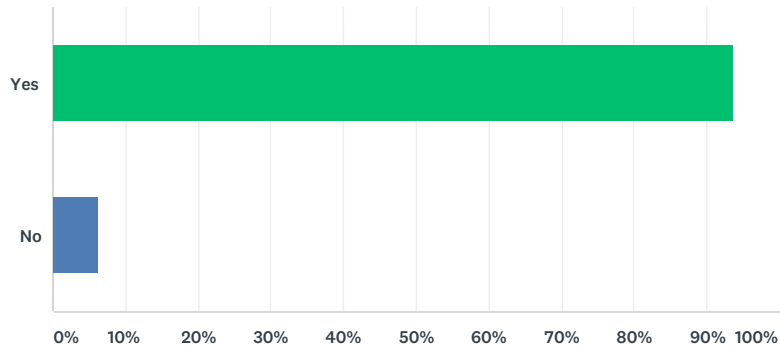
#	YES. PLEASE PROVIDE ADDITIONAL INFORMATION REGARDING THE LEVEL OR TYPES OF ACTIVITIES.	DATE
1	University of Hawaii College of Tropical Agriculture and Human Resources	11/19/2019 2:57 AM
2	Since 2014, local bee trainings in CA involved DPR, CA Dept Food & Ag (CDFA), and CAC staff with local beekeepers and University of CA Agriculture & Natural Resources (UCANR). Bee Aware Symposia also involved some NGO stakeholders. Most recent bee trainings (2018-2019) conducted by CDFA as part of their new Bee Safe program.	11/18/2019 10:07 PM
3	We conduct pollinator protection trainings as part of our routine applicator training, and we work with extension as well.	11/18/2019 4:20 PM
4	The Iowa Department of Agriculture & Land Stewardship meets with Iowa State University. Meetings are ongoing.	11/15/2019 8:33 PM
5	University Pesticide Safety Education Program University Apiary Specialists	11/15/2019 2:32 PM
6	MN has standing interagency pollinator protection team comprising representatives from various state agencies.	11/13/2019 9:16 PM
7	Basic pesticide use training through the University Extension Agency	11/13/2019 8:04 PM
8	Through extension - presentations at meetings to notify of change in classification of neonics and development of BMP's when handling treated seeds	11/13/2019 2:04 PM
9	State-wide training opportunities in partnership with the University. Funding through IPM Program.	11/12/2019 7:25 PM
10	university extension	11/12/2019 6:19 PM
11	Our MP3 Steering Committee consists of representatives of Michigan Department of Agriculture and Rural Development (MDARD), Michigan State University and MSU Extension, commercial beekeepers, and Michigan Farm Bureau. The SC meets to discuss the direction of MP3 development and amendment. MDARD uses EPA and state funds to support development of BMPs, outreach and education materials, etc. by MSU.	11/8/2019 2:34 PM
12	> The WSDA is establishing a pollinator protection coordinator position > WSDA is revising educational material > WSDA is doing more training for pesticide investigators on apiary inspection associated with bee kill complaints	11/6/2019 6:02 PM
13	Recertification training meetings when appropriate.	11/6/2019 2:35 PM
14	Pesticide safety training with cooperative extension service.	11/6/2019 1:31 PM
15	With University of Maine Cooperative Extension PSEP program for licensed applicators. Through the Maine State Apiarist for beekeepers. The state lead for pollinator issues with Xerces Society/NRCS has been invited to speak at recertification meetings. Coordinating with UMaine entomologists to provide presentations on nonmanaged pollinators.	11/5/2019 6:09 PM
16	Mainly the university personnel and bee keeper orgs.	11/5/2019 1:02 PM

17	Training about honey bees and beekeeping for Mosquito Control Districts through the Florida Mosquito Control Association short courses	11/4/2019 4:22 PM
18	The Oregon Department of Agriculture, Oregon State University, and the Oregon Department of Forestry partnered to form the Oregon Bee Project, to develop and implement Oregon's pollinator protection plan, "The Oregon Bee Project Strategic Plan – A Strategic Plan for Keeping Oregon's Bee Pollinators Healthy (2018-2020)," in consultation with an advisory committee. The Oregon Bee Project coordinates outreach activities with conservation NGOs, university extension and Master Gardener programs, industry associations. The Oregon Bee Project also provides educational materials for other organizations and groups to use during outreach events.	11/2/2019 1:19 AM
19	Pesticide training programs	10/31/2019 5:28 PM
20	Pesticide Management Education Program, New York State IPM Program, and Cornell Cooperative Extension providing public education	10/31/2019 4:03 PM
21	Speaking at grower, industry and university events	10/31/2019 3:39 PM
22	Extension offices, Garden Clubs, Chemical and Seed Companies	10/30/2019 5:56 PM
23	The Beneficial Insect Protection Plan (BIPP) for the state of Nebraska is a collaborative and concerted effort led by UNL, in coordination with dozens of private/public, industry, small business, and citizen partners. The BIPP focuses on educating Nebraskans on the importance of beneficial insects and the ecosystem services that they provide. The BIPP will provide an avenue for consistent messaging through research-based best management guidelines, educational programming, and outreach that ensures Nebraska maintains healthy beneficial insect communities and sustainable ecosystem services. The main goals for the BIPP are to: (1) promote communication and foster cooperative relationships and amicable co-existence among beekeepers, growers, homeowners, pesticide applicators, industry, enthusiasts, and regulatory authorities; (2) provide best management practice (BMP) guidelines that enhance habitat, reduce pesticide exposure, and improve educational and engagement programs; and (3) improve collaborations through demand-driven extension and educational programming to maximize cost-effectiveness and reduce redundancy. Development and delivery of the Nebraska BIPP is underway and currently the BIPP team is comprised of 20+ UNL Extension Specialists and Educators and numerous public/private partners including the NE Department of Agriculture, NE Department of Roads, NE Wildlife Federation, NE Game and Parks, NE Statewide Arboretum, Xerces, Pheasants Forever, NE Beekeeper's Association, NE Pesticide Safety Education Program, NE Corn Board, Syngenta, Bayer CropScience and dozens of small businesses and citizens. We are continually recruiting organizations, industry partners, small businesses, and citizens to participate and collaborate on the BIPP which will organize state-wide conservation efforts, reduce redundancy, and maximize resources and cost-effectiveness. Beyond the environmental benefits that will come from the BIPP, we are building strong linkages between Extension, research, teaching, and the community across multiple disciplines and with many partners.	10/30/2019 2:02 PM
24	State apiarist conducts training's and outreach to to various apiary associations in Ohio.	10/30/2019 1:35 PM
25	Both initial and continuing certification training for licensed commercial pesticide applicators 2) both initial and continuing certification training for licensed private applicators (growers/farmers) 3) consumer brochures and fact sheets provided at point-of-sale pesticide distributors 4) communication through beekeeper association meetings5) communication through neighborhood and homeowner association meetings6) public outreach through Master Gardner programs (CES) and Master Naturalist programs (IDNR)7) educational displays at Indianapolis Zoo Butterfly Building and White River Gardens 8) publications by Indiana Native Plants and Wildflower Society(INPAWS)9) publications by the Xerces Society 10) stakeholder targeted BMPs, publications and outreach through Purdue University Cooperative Extension Service (CES) Issues Based Action Team (IBAT) on Protecting Indiana Pollinators11) government agency web sites	10/29/2019 6:34 PM
26	Working with Cornell Cooperative Extension on public education activities	10/25/2019 7:01 PM
27	We worked with NDSU to establish a multi-year native pollinator study and with NDSU extension to discuss pollinators during pesticide applicator training.	10/25/2019 5:57 PM
28	We partner with our extension services to provide trainings to beekeepers and pesticide applicators. We have also provided funds to extension services to conduct monitoring studies of bee hive relative to pesticide use.	10/25/2019 3:51 PM
29	NC Pollinator Conservation Alliance - pollinator habitat and protection, NCDA&CS Research Farms - outreach, NC Farm Bureau - Bee Stewardship	10/25/2019 2:04 PM
30	Staff participates in trainings offering re-certification for pesticide applicators which includes introduction to and importance of following state management plan for pollinators..	10/22/2019 1:49 PM
31	recertification and training of applicators the pollinator plan and label exercise pertaining to bees. worked with SDGF&P on monarch butterfly plan, work closely with SDSU Extension	10/21/2019 7:56 PM
32	Annual attendance at beekeepers association meetings and apiary inspections.	10/18/2019 4:52 PM
33	Conduct multiple 3-day Pesticide Education Convention booths w/ the Regulated Pesticide Community + coordination of Apiary/Beekeeper Registry w/ the NJ Dept. of Ag. + participate w/ Rutgers Extension conducting public outreach and educational trainings. Additionally, review and monitoring of continuing education courses and review and approval of pesticide training manuals. We also participate in public outreach specifically for the NJ Beekeeper Association.	10/16/2019 3:12 PM

34	ISU	10/15/2019 6:43 PM
35	We have uses Extension events to present MP3 topics.	10/15/2019 3:22 PM
36	Mississippi State University, Mississippi Farm Bureau, Mississippi Beekeeper Ass.	10/15/2019 2:24 PM
37	CDA approves CEC workshops that regularly provide training on pollinator protection.	10/15/2019 1:58 PM

Q8 Have you conducted specific outreach and educational activities focusing on bee or other pollinator exposure to pesticides; the effects of pesticides on pollinators and native traditional/medicinal plants; label interpretation; and proper pesticide product selection?

Answered: 48 Skipped: 1



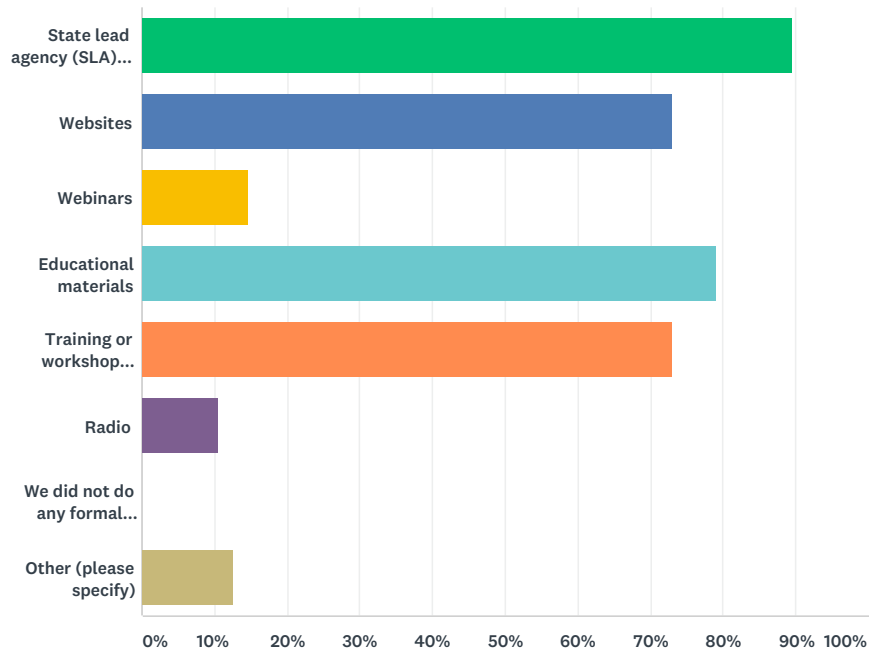
ANSWER CHOICES	RESPONSES	
Yes	93.75%	45
No	6.25%	3
TOTAL		48

#	PLEASE SHARE ADDITIONAL INFORMATION REGARDING SPECIFIC ACTIVITIES AND TOPIC AREAS.	DATE
1	As DPR does with all new or other significant developments to pesticide use related programs, between 2013 - 2017 the focus was on the "new" USEPA bee box, pollinator protection label changes, and label compliance were part of many presentations to various stakeholders statewide. Other agencies including CDFA, UCANR, and DFW also conduct various outreach within their scope of expertise and departmental jurisdiction.	11/18/2019 10:20 PM
2	We have focused our trainings on pesticide applications and how to reduce exposure to bees. We also cover IPM.	11/18/2019 4:22 PM
3	See https://www.iowaagriculture.gov/Entomology/pdf/2018/Iowa's%20Answer%20to%20MP3%203-2018.pdf Pesticide applicator certification training topics cover pollinator protection topics. FieldWatch/BeeCheck website IDALS participates in Iowa Honey Producer Association, Iowa applicator association, and applicator training sessions.	11/15/2019 8:33 PM
4	Developed BMPs to protect pollinators separately for yard and garden, rights of way, and agricultural landscapes. Also developed for neonicotinoid insecticide specific BMPs to protect pollinators.	11/13/2019 9:16 PM
5	see response to previous question	11/13/2019 2:06 PM
6	Michigan State University staff have conducted most of these outreach and education activities.	11/8/2019 2:36 PM
7	> WSDA published brochure and other outreach materials. > WSU Extension has also published substantial information.	11/6/2019 6:05 PM
8	MP3 review, label review including bee icon specific label directions and who to contact with complaints.	11/6/2019 2:41 PM
9	We have not discussed native traditional/medicinal plants. We do engage with tribes at regional meetings and discuss pollinator concerns. Recently our State Apiarist gave a presentation at the 2018 Maine Tribal Pesticide Workshop. The topic was bees and avoiding pesticide impacts.	11/5/2019 6:13 PM
10	at outreach opportunities with in the community.	11/4/2019 4:41 PM
11	Eradication of honey bee hives and how to protect surrounding colonies	11/4/2019 4:24 PM
12	Risk assessment, pollinator habitat, native bees, toxicity evaluations, label interpretation for applicators & homeowners, etc.	11/2/2019 1:20 AM
13	Through NYSIPM, Cornell Cooperative Extension, the Pesticide Management and Education Program and the Cornell Honeybee Tech Team	10/31/2019 4:07 PM

14	Speak at grower meetings about how to determine if a crop is blooming in relationship to pesticide label requirements.	10/31/2019 3:41 PM
15	Drs. Doug Golick and Judy Wu-Smart developed a pesticide training module that meets continuing education unit (CEU) requirements: "Protecting Honey Bees in Productive Agriculture: A module for crop consultants, advisors, and applicators." https://unl.box.com/s/ql8kiemd8jrbik0j701lxxlcbakpmew This was a collaborative effort sponsored and reviewed by the Honey Bee Health Coalition (https://honeybeehealthcoalition.org/about-the-coalition/) which consists of beekeepers, researchers, IPM professionals, non-profit organizations, government agencies and industry partners. The Applying Pesticides Safely section (https://cropwatch.unl.edu/2019/applying-pesticides-safely) of the proceedings of the ag plant recertification at Crop Production Clinics, includes the following, among other pesticide related pubs: * Bee Aware: Protecting Pollinators from Pesticides (EC301) - http://extensionpublications.unl.edu/assets/pdf/ec301.pdf * No Drift Zone: DriftWatch Brochure (NDA) - http://www.nda.nebraska.gov/pesticide/FW-handout-applicators.pdf This information is also a part of other recertification and initial certification material. Videos on sensitive sites and pollinators (https://www.youtube.com/playlist?list=PLhBDhSwbr6JGunTZ6tuG6PLwcyXk3UvFR) are also incorporated into certification and recertification training sessions for most all applicators	10/30/2019 2:04 PM
16	Done by state apiarist.	10/30/2019 1:40 PM
17	please see item #7. I was very detailed in that answer	10/29/2019 6:37 PM
18	Recertification program material	10/29/2019 6:07 PM
19	We incorporate pesticide pollinator topics in pesticide certification training and during one-on-one outreach to pesticide users. We have also discussed this during trade shows and grower meetings.	10/25/2019 6:01 PM
20	County Bee Chapters, NCSBA, NC Aerial Applicators Association, Private Recertification Programs, Green Industry	10/25/2019 2:18 PM
21	recertification and training for private and commercial applicators included label interpretation and pesticide selection, promote Fieldwatch/Beewatch. Present annually at the Bee Association meeting.	10/21/2019 7:59 PM
22	Extension places informational pamphlets in stores providing beekeeping supplies.	10/18/2019 4:53 PM
23	In addition to previously mentioned activities, NJDEP Pesticide Inspectors conduct Pollinator Incident Investigations and Inspections of alleged and actual pollinator pesticide exposure(s) and as required issue formal enforcement actions which may include monetary penalties.	10/16/2019 3:26 PM
24	Coordinate Pollinator Protection information with IPM outreach to residents, schools and neighborhood commissioners	10/15/2019 8:26 PM
25	Various	10/15/2019 6:43 PM
26	Mississippi State Ext. has performed outreach.	10/15/2019 2:26 PM
27	Discuss pollinator protection whenever we present.	10/15/2019 2:06 PM
28	CDA approves CECs that regularly cover these topics.	10/15/2019 2:00 PM

Q9 What methods were used for outreach? (please check all that apply)

Answered: 48 Skipped: 1

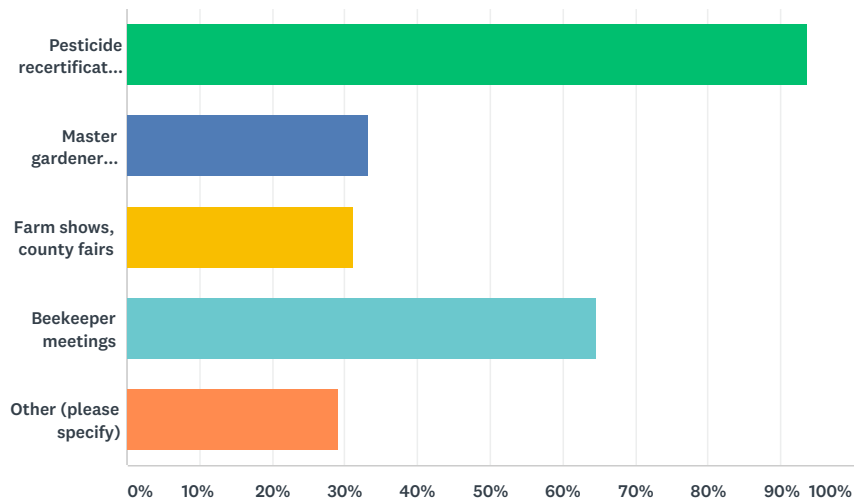


ANSWER CHOICES	RESPONSES
State lead agency (SLA), Tribe, Territory or university extension presentations	89.58% 43
Websites	72.92% 35
Webinars	14.58% 7
Educational materials	79.17% 38
Training or workshop sessions	72.92% 35
Radio	10.42% 5
We did not do any formal outreach.	0.00% 0
Other (please specify)	12.50% 6
Total Respondents: 48	

#	OTHER (PLEASE SPECIFY)	DATE
1	tabling at community events	11/2/2019 1:20 AM
2	Fact sheets.	10/30/2019 1:40 PM
3	Educational materials are through DriftWatch	10/29/2019 6:07 PM
4	We worked with public television to create a documentary about the apiary program. Toward the end of the program we briefly discussed pesticide use and bees.	10/25/2019 3:52 PM
5	Our State Plan is web-based, most resource materials are contained in the website, including handouts for beekeepers, growers, landscapers, and homeowners. We also have several publications and instructional sheets for FieldWatch.	10/25/2019 2:18 PM
6	see previously listed activities.	10/16/2019 3:26 PM

Q10 Where were these meetings conducted? (please check all that apply)

Answered: 48 Skipped: 1

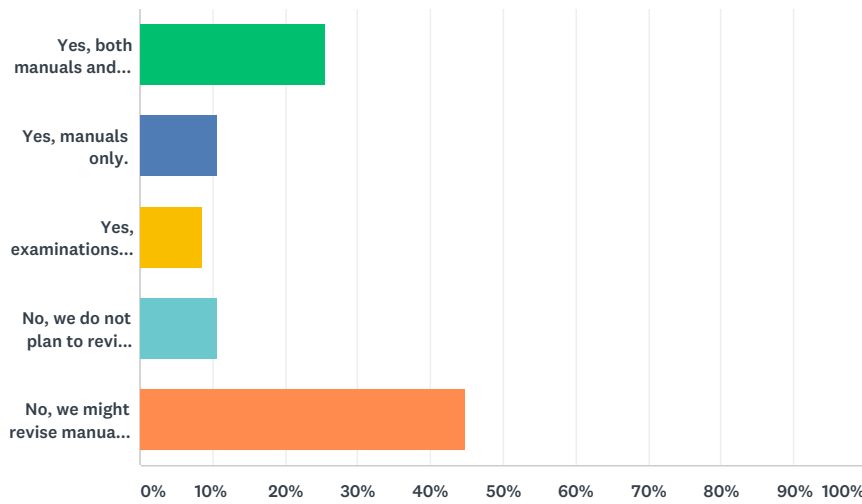


ANSWER CHOICES	RESPONSES	
Pesticide recertification or continuing education classes	93.75%	45
Master gardener training events	33.33%	16
Farm shows, county fairs	31.25%	15
Beekeeper meetings	64.58%	31
Other (please specify)	29.17%	14
Total Respondents: 48		

#	OTHER (PLEASE SPECIFY)	DATE
1	Classroom sessions, site meetings with beekeepers. Still under development.	11/19/2019 2:58 AM
2	Various local trainings in various locations statewide each year. Bee Aware Symposia were in Stockton.	11/18/2019 10:20 PM
3	Professional association meetings	11/15/2019 8:33 PM
4	State-wide training events.	11/12/2019 7:27 PM
5	Grower meetings.	11/8/2019 2:36 PM
6	Tribal health fairs, elders day event, school health fairs.	11/4/2019 4:41 PM
7	Miscellaneous community events	11/2/2019 1:20 AM
8	Cornell Cooperative Extension and NYSIPM educational events	10/31/2019 4:07 PM
9	Industry association meetings, presentations at individual pesticide application business meetings	10/31/2019 3:41 PM
10	Public Forums, State Fair	10/30/2019 5:58 PM
11	K-12 programming, general public events, and through webinars	10/30/2019 2:04 PM
12	see item #7	10/29/2019 6:37 PM
13	Agricultural Conventions + annual Nursery and Landscaping Association Conventions + Agricultural Commodity Meetings + Farm Bureau Meetings + Vegetable Growers Convention	10/16/2019 3:26 PM
14	During District venues	10/15/2019 8:26 PM

Q11 Have you modified any of your certification manuals or examinations to include pollinator protection?

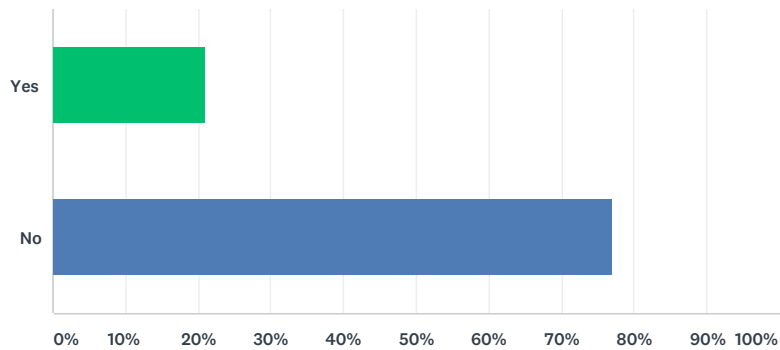
Answered: 47 Skipped: 2



ANSWER CHOICES	RESPONSES	
Yes, both manuals and examinations.	25.53%	12
Yes, manuals only.	10.64%	5
Yes, examinations only.	8.51%	4
No, we do not plan to revise manuals and examinations.	10.64%	5
No, we might revise manuals and examinations in the future.	44.68%	21
TOTAL		47

Q12 Have you been holding yearly or periodic stakeholder meetings to review and/or revise your state managed pollinator protection plan?

Answered: 48 Skipped: 1

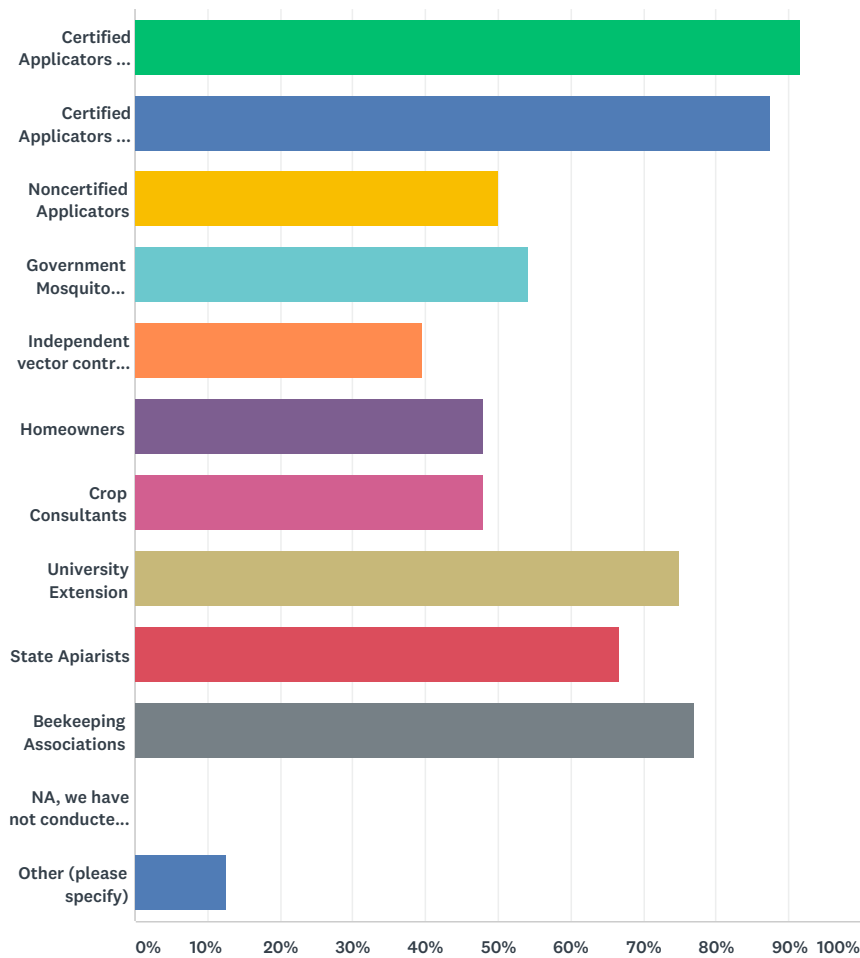


ANSWER CHOICES	RESPONSES	
Yes	20.83%	10
No	77.08%	37
TOTAL		48

#	COMMENTS	DATE
1	Still under development.	11/19/2019 2:59 AM
2	We will review and update it as needed.	11/18/2019 4:26 PM
3	Since Iowa does not have a 'managed pollinator protection plan', there is no annual meeting to review; however, IDALS pesticide and apiary program staff work together to implement the state pollinator protection efforts.	11/15/2019 8:35 PM
4	No plan developed	11/13/2019 2:08 PM
5	Plan is in draft form.	11/12/2019 7:29 PM
6	The MP3 Steering Committee meets to review and revise our MP3; however, changes, in part, may originate from stakeholder contacts.	11/8/2019 2:41 PM
7	Stakeholders are engaged during recertification training meetings.	11/6/2019 3:30 PM
8	However, we do make the plan available online for continual revision. This is a working document. We have received and incorporated public comments.	11/5/2019 6:45 PM
9	do not have on the reservation.	11/4/2019 6:37 PM
10	New York State did revise the plan, but a meeting was not held.	10/31/2019 4:09 PM
11	We held them yearly for the first two years, now periodically if necessary.	10/29/2019 7:26 PM
12	possibility to be reevaluated at quarterly meeting but comprehensively reviewed every 3 years	10/29/2019 6:44 PM
13	NC Farm Bureau has been a leader for pollinator protection in NC, this group is led by Debbie Hamrick. NCFB host periodic events to discuss progress with MP3's and future actions.	10/25/2019 2:34 PM
14	Doesn't apply to NJ's State Regulations.	10/16/2019 3:35 PM
15	Plan to do so in 2020, but haven't so far.	10/15/2019 2:08 PM
16	CDA continues to work through the Pesticide Advisory Committee as issues come up, but there have been none in recent years.	10/15/2019 2:07 PM

Q13 Groups reached through outreach and educational activities focusing on pollinator protection include (please check all that apply):

Answered: 48 Skipped: 1



ANSWER CHOICES	RESPONSES
Certified Applicators - Agricultural	91.67% 44
Certified Applicators - Non-agricultural/Urban	87.50% 42
Noncertified Applicators	50.00% 24
Government Mosquito Control Programs	54.17% 26
Independent vector control companies	39.58% 19
Homeowners	47.92% 23
Crop Consultants	47.92% 23
University Extension	75.00% 36
State Apiarists	66.67% 32
Beekeeping Associations	77.08% 37
NA, we have not conducted outreach and educational activities	0.00% 0
Other (please specify)	12.50% 6
Total Respondents: 48	

#	OTHER (PLEASE SPECIFY)	DATE
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1	Still under development.	11/19/2019 2:59 AM
2	Public website outreach and registries such as FieldWatch/BeeCheck, reach across the state of Iowa and to those outside of the state.	11/15/2019 8:35 PM
3	Webpage identifies pollinator protection resources.	11/12/2019 7:29 PM
4	Master Gardeners	11/6/2019 3:30 PM
5	Master gardeners	11/5/2019 6:45 PM
6	government employees - wildlife, parks, highway, agriculture	10/31/2019 3:56 PM

Q14 Please provide or estimate the number of people reached through outreach and educational activities focusing on pollinator protection since initial implementation of your pollinator protection plan to date (if NA, please indicate below).

Answered: 46 Skipped: 3

#	RESPONSES	DATE
1	NA	11/19/2019 2:59 AM
2	thousands since 2013	11/18/2019 10:20 PM
3	Unknown how many people have recieved outreach and educatioal information since the program started.	11/18/2019 4:26 PM
4	At this time, we do not have an official estimate on how many are reached.	11/15/2019 8:35 PM
5	15,000	11/15/2019 2:35 PM
6	Did not keep track.	11/13/2019 9:16 PM
7	N/A	11/13/2019 8:33 PM
8	unknown	11/13/2019 2:08 PM
9	Undeterminable	11/12/2019 7:29 PM
10	~1,500	11/12/2019 6:24 PM
11	800	11/12/2019 3:59 PM
12	Michigan State University has reached 4,775 persons in the folowing groups and venues: general public (Pollinator Champions on-line course), commercial beekeepers (annual meeting), growers (grower meetings), pesticide applicators (recertification credit clinics), small scale beekeepers (state association newsletter and presentations at conferences and beekeeping association meetings).	11/8/2019 2:41 PM
13	Not Known	11/6/2019 6:06 PM
14	na - because this is handled through the Plant Certification Section	11/6/2019 4:17 PM
15	Estimate 2000	11/6/2019 3:30 PM
16	NA	11/6/2019 1:33 PM
17	More than 5,500 applicators and master gardeners over three years	11/5/2019 6:45 PM
18	not sure	11/5/2019 1:05 PM
19	NA	11/4/2019 6:37 PM
20	50	11/4/2019 4:26 PM
21	20,000	11/2/2019 1:20 AM
22	800	10/31/2019 8:59 PM
23	more than 1,000	10/31/2019 3:56 PM
24	N/A	10/31/2019 2:07 PM
25	118,175	10/30/2019 5:59 PM
26	NA - Outreach and educational activities have focused on pollinator health, however, we have not finalized the protection plan for distribution yet.	10/30/2019 2:04 PM
27	N/A	10/30/2019 1:45 PM
28	9,500 through pesticide certification and many more through news releases and website.	10/29/2019 7:26 PM
29	this is so hard to quantify... 1000's+. We have records of 301 farmers at recertification meetings and initial applicator training of 881. There are others but data not captured or unavailable	10/29/2019 6:44 PM
30	na	10/29/2019 6:39 PM
31	Unable to quantify.	10/28/2019 3:20 PM
32	thousands over the years.	10/25/2019 3:53 PM
33	No attendance figures - we have conducted well over 100 outreach events.	10/25/2019 2:34 PM
34	N/A	10/22/2019 1:54 PM
35	Several thousand, plan is provided and applicator trainings, trade shows and online	10/21/2019 8:01 PM

36	NA	10/21/2019 12:33 PM
37	N/A	10/18/2019 4:59 PM
38	State Pollinator/Beekeeper Regulations have been in effect for 30+ years.....too numerous to count over a 30+ year period. This includes the regulated community and the community at large.	10/16/2019 3:35 PM
39	500	10/15/2019 8:28 PM
40	10000	10/15/2019 6:44 PM
41	NA	10/15/2019 3:34 PM
42	1000 +	10/15/2019 2:29 PM
43	7,000	10/15/2019 2:08 PM
44	10,000+	10/15/2019 2:07 PM
45	350 per year	10/15/2019 1:55 PM
46	NA	10/15/2019 12:38 PM

Q15 Please estimate the make-up of your beekeeper population by percent of total:

Answered: 37 Skipped: 12

ANSWER CHOICES	RESPONSES	
Hobbyists (1-50 hives)	97.30%	36
Sideliners (51-300 hives)	86.49%	32
Commercial (301+ hives)	91.89%	34

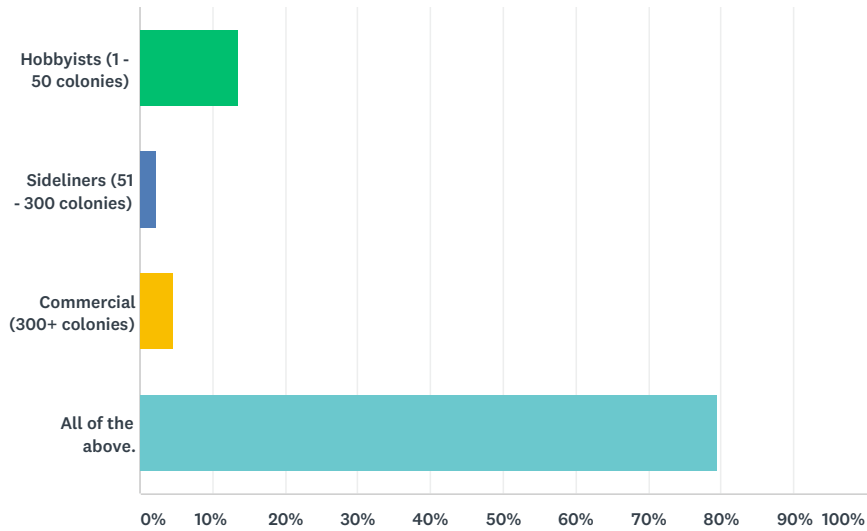
#	HOBBYISTS (1-50 HIVES)	DATE
1	40	11/19/2019 2:59 AM
2	25	11/18/2019 4:26 PM
3	96%	11/15/2019 8:35 PM
4	30	11/15/2019 2:35 PM
5	70%	11/13/2019 8:33 PM
6	unknown	11/13/2019 2:08 PM
7	98%	11/12/2019 7:29 PM
8	~60%	11/12/2019 6:24 PM
9	680	11/12/2019 3:59 PM
10	9,000	11/8/2019 2:41 PM
11	Information not available	11/6/2019 6:06 PM
12	1,124	11/6/2019 3:30 PM
13	98.5	11/5/2019 6:45 PM
14	90	11/4/2019 4:26 PM
15	80%	11/2/2019 1:20 AM
16	20	10/31/2019 8:59 PM
17	1000	10/31/2019 3:56 PM
18	100	10/31/2019 2:07 PM
19	90%	10/30/2019 5:59 PM
20	75	10/30/2019 2:04 PM
21	90%	10/30/2019 1:45 PM
22	33	10/29/2019 7:26 PM
23	25	10/29/2019 6:44 PM
24	99	10/29/2019 6:39 PM
25	90%	10/28/2019 3:20 PM
26	95%	10/25/2019 3:53 PM
27	90	10/25/2019 2:34 PM
28	50	10/22/2019 1:54 PM
29	NA	10/21/2019 8:01 PM
30	221, 69 landowners	10/18/2019 4:59 PM
31	not sure	10/16/2019 3:35 PM
32	80	10/15/2019 2:29 PM
33	90	10/15/2019 2:08 PM
34	1000+	10/15/2019 2:07 PM
35	50	10/15/2019 1:55 PM
36	90	10/15/2019 12:38 PM
#	SIDELINERS (51-300 HIVES)	DATE

1	40	11/19/2019 2:59 AM
2	3.5%	11/15/2019 8:35 PM
3	10	11/15/2019 2:35 PM
4	25%	11/13/2019 8:33 PM
5	unknown	11/13/2019 2:08 PM
6	1%	11/12/2019 7:29 PM
7	~30%	11/12/2019 6:24 PM
8	25	11/12/2019 3:59 PM
9	100-150	11/8/2019 2:41 PM
10	Information not available	11/6/2019 6:06 PM
11	18	11/6/2019 3:30 PM
12	1.2	11/5/2019 6:45 PM
13	possibly	11/4/2019 6:37 PM
14	2	11/4/2019 4:26 PM
15	15%	11/2/2019 1:20 AM
16	5	10/31/2019 8:59 PM
17	200	10/31/2019 3:56 PM
18	7%	10/30/2019 5:59 PM
19	18	10/30/2019 2:04 PM
20	7%	10/30/2019 1:45 PM
21	7	10/29/2019 7:26 PM
22	25	10/29/2019 6:44 PM
23	1	10/29/2019 6:39 PM
24	8%	10/28/2019 3:20 PM
25	4%	10/25/2019 3:53 PM
26	5	10/25/2019 2:34 PM
27	10	10/22/2019 1:54 PM
28	NA	10/21/2019 8:01 PM
29	not sure	10/16/2019 3:35 PM
30	10	10/15/2019 2:29 PM
31	5	10/15/2019 2:08 PM
32	5	10/15/2019 12:38 PM
#	COMMERCIAL (301+ HIVES)	DATE
1	20	11/19/2019 2:59 AM
2	75	11/18/2019 4:26 PM
3	0.5%	11/15/2019 8:35 PM
4	60	11/15/2019 2:35 PM
5	5%	11/13/2019 8:33 PM
6	unknown	11/13/2019 2:08 PM
7	1%	11/12/2019 7:29 PM
8	~10%	11/12/2019 6:24 PM
9	5	11/12/2019 3:59 PM
10	75	11/8/2019 2:41 PM
11	2	11/6/2019 3:30 PM
12	0.3	11/5/2019 6:45 PM
13	8	11/4/2019 4:26 PM
14	5%	11/2/2019 1:20 AM
15	75	10/31/2019 8:59 PM

16	some, unknown, beekeepers not required to register or report they are in operation	10/31/2019 3:56 PM
17	2	10/31/2019 2:07 PM
18	3%	10/30/2019 5:59 PM
19	7	10/30/2019 2:04 PM
20	3%	10/30/2019 1:45 PM
21	60	10/29/2019 7:26 PM
22	50	10/29/2019 6:44 PM
23	2%	10/28/2019 3:20 PM
24	1%	10/25/2019 3:53 PM
25	5	10/25/2019 2:34 PM
26	40	10/22/2019 1:54 PM
27	NA	10/21/2019 8:01 PM
28	54	10/18/2019 4:59 PM
29	not sure	10/16/2019 3:35 PM
30	10	10/15/2019 2:29 PM
31	5	10/15/2019 2:08 PM
32	40	10/15/2019 2:07 PM
33	5	10/15/2019 1:55 PM
34	5	10/15/2019 12:38 PM

Q16 Please indicate the focus of your State's outreach and educational activities to beekeepers:

Answered: 44 Skipped: 5



ANSWER CHOICES	RESPONSES	
Hobbyists (1 - 50 colonies)	13.64%	6
Sideliners (51 - 300 colonies)	2.27%	1
Commercial (300+ colonies)	4.55%	2
All of the above.	79.55%	35
TOTAL		44

Q17 In the last calendar year, how many tips/complaints/reports of an alleged pesticide exposure to bees (bee kills) have been received and how many have been investigated by your agency?

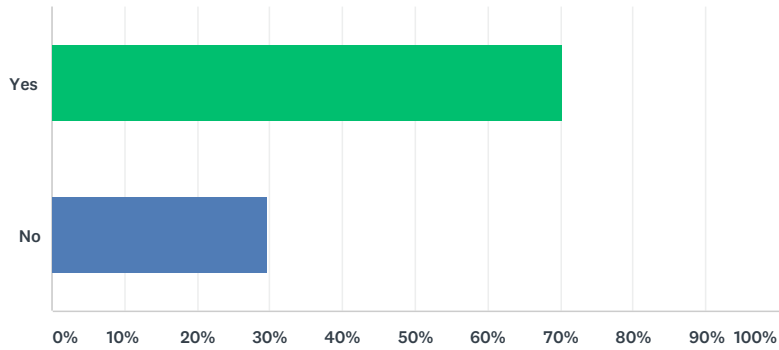
Answered: 43 Skipped: 6

#	RESPONSES	DATE
1	8 out of 8	11/19/2019 3:00 AM
2	Between Jan 2018 - mid 2019, 7 priority and 10 non-priority episodes. All bee kill investigations are conducted by the CACs in CA per code mandated jurisdiction.	11/18/2019 10:37 PM
3	We did not had any bee kill complaints in 2018.	11/18/2019 4:30 PM
4	16 tips/complaints/reports/information requests for bee issues	11/15/2019 8:35 PM
5	2	11/15/2019 2:36 PM
6	2	11/13/2019 9:16 PM
7	1	11/13/2019 8:34 PM
8	One received/one investigated/non-detect	11/12/2019 7:30 PM
9	none	11/12/2019 6:25 PM
10	2	11/12/2019 3:59 PM
11	Two complaints received and investigated.	11/8/2019 6:11 PM
12	4 / 4	11/6/2019 6:09 PM
13	7	11/6/2019 4:27 PM
14	0	11/6/2019 3:30 PM
15	1 received which led to an investigation.	11/6/2019 1:34 PM
16	0	11/5/2019 7:13 PM
17	1	11/5/2019 6:45 PM
18	4	11/5/2019 1:05 PM
19	0	11/4/2019 6:39 PM
20	~10	11/4/2019 4:28 PM
21	17: Jan. 1, 2018 – Dec. 31, 2018	11/2/2019 1:21 AM
22	0	10/31/2019 9:05 PM
23	1	10/31/2019 3:57 PM
24	0	10/31/2019 2:08 PM
25	0	10/30/2019 6:00 PM
26	NDA: 0 reports received, thus no investigations. UNL: received 30+ calls and inspected 5 of those for health impacts	10/30/2019 2:06 PM
27	Two both investigated.	10/30/2019 1:47 PM
28	2	10/29/2019 7:26 PM
29	3	10/29/2019 6:45 PM
30	1	10/29/2019 6:40 PM
31	8	10/28/2019 3:20 PM
32	8	10/25/2019 5:33 PM
33	5/5	10/25/2019 2:36 PM
34	5	10/22/2019 1:56 PM
35	1	10/21/2019 8:03 PM
36	0	10/18/2019 5:04 PM
37	less than 10 and all get investigated	10/16/2019 3:42 PM
38	3	10/15/2019 3:35 PM
39	1	10/15/2019 2:30 PM

40	5	10/15/2019 2:09 PM
41	1	10/15/2019 2:08 PM
42	0	10/15/2019 1:57 PM
43	0	10/15/2019 12:39 PM

Q18 When investigating an tip/complaint/report alleging pesticide exposure to bees, do you coordinate inspection/investigation activities with your state apiary program or university experts?

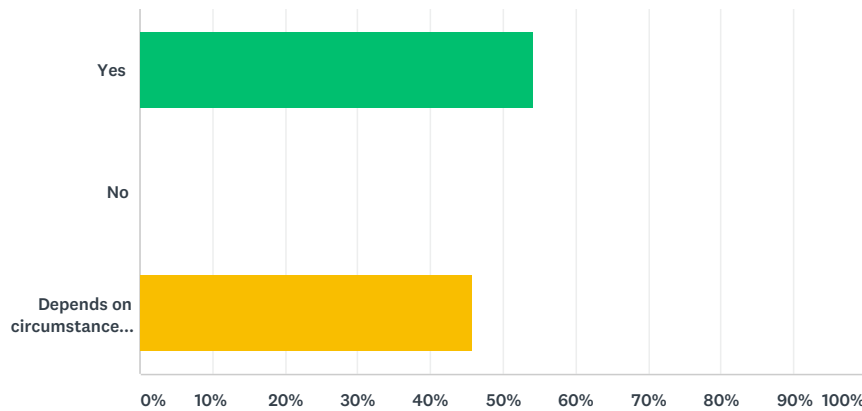
Answered: 47 Skipped: 2



ANSWER CHOICES	RESPONSES	
Yes	70.21%	33
No	29.79%	14
TOTAL		47

Q19 In response to a complaint, does your state analyze dead bees for the presence of pesticides, or conduct some other sampling?

Answered: 48 Skipped: 1



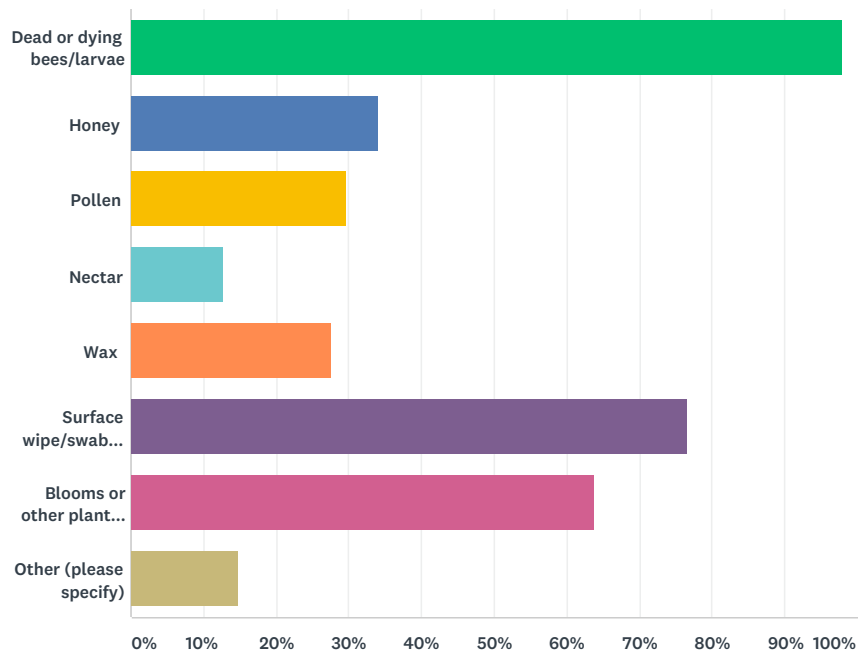
ANSWER CHOICES	RESPONSES
Yes	54.17% 26
No	0.00% 0
Depends on circumstances for example, number of bees affected.	45.83% 22
TOTAL	48

#	PLEASE PROVIDE ADDITIONAL INFORMATION REGARDING FACTORS YOU USE WHEN DETERMINING IF SAMPLING WILL BE CONDUCTED.	DATE
1	Evidence of any pesticide applications (pesticide use records, etc) within 1 mile of the site to determine what analyses lab should conduct. Whether there are enough dead bees at the site to allow for lab analysis, etc.	11/18/2019 10:37 PM
2	amount of dead bees, pesticide applications close by, flowering plants.	11/18/2019 4:30 PM
3	* Note each investigation is on a case-by-case basis (follow-up depends on the circumstances).	11/15/2019 8:35 PM
4	Volume of dead bees will dictate if sampling is an option.	11/6/2019 6:09 PM
5	If investigation indicates a non-compliance issue we sample.	11/5/2019 7:13 PM
6	If the State Apiarist is unable to rule out pesticides that were likely encountered outside of the hive, then we analyze whatever matrix is recommended by the State Apiarist--this is typically bees, but sometimes surface of the hive exterior.	11/5/2019 6:45 PM
7	*number of bees affected *circumstances surrounding the incident (e.g. known local applications, etc.)	11/2/2019 1:21 AM
8	yes, if volume of dead bees is sufficient for sample, and if bees are recently deceased, according to investigation protocol.	10/30/2019 2:06 PM
9	Depends more on timing and conditions of bees.	10/30/2019 1:47 PM
10	We typically send samples in for analysis for every formal complaint.	10/29/2019 7:26 PM
11	number of bees dead and how long ago kill occurred	10/29/2019 6:45 PM
12	We can collect bees in our sampling protocol, but most cases we will take swab samples off the hive.	10/29/2019 6:40 PM
13	vegetation, pollen, honey, wipe samples may be collected depending on the complaint and the situation.	10/25/2019 5:33 PM
14	We will sample if information indicates a known or suspected acute pesticide poisoning	10/22/2019 1:56 PM
15	If there is a bee death and the dead bees have not deteriorated those will be sampled, apiarist will look for any other hive issues as well, document surrounding applications of pesticides	10/21/2019 8:03 PM
16	We test fir the alleged active ingredient as well as possible contaminants introduced by the beekeeper for illegal control of varroa mites, etc	10/18/2019 5:04 PM
17	time since incident occurred + condition or decomposition of pollinator + pesticide product applied + available amount of pollinator sample	10/16/2019 3:42 PM

18	If we cannot find any pesticide applications in the area, we would not analyze. IE: burning hives and diesel fuel. Normally we would.	10/15/2019 1:57 PM
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Q20 If you conduct sampling in response to a complaint, indicate the types of samples analyzed: (please check all that apply)

Answered: 47 Skipped: 2



ANSWER CHOICES	RESPONSES
Dead or dying bees/larvae	97.87% 46
Honey	34.04% 16
Pollen	29.79% 14
Nectar	12.77% 6
Wax	27.66% 13
Surface wipe/swab sample	76.60% 36
Blooms or other plant vegetation	63.83% 30
Other (please specify)	14.89% 7
Total Respondents: 47	

#	OTHER (PLEASE SPECIFY)	DATE
1	Foliage, soil, water are other sample types that can be collected. Depends upon the circumstances of the incident.	11/15/2019 10:34 PM
2	Amatraz dipped cards or paper found in the hives	11/12/2019 4:02 PM
3	We have not collected any samples yet.	11/5/2019 7:14 PM
4	If necessary, additional samples would be collected and analyzed.	11/5/2019 6:45 PM
5	soil sample	10/31/2019 3:58 PM
6	hive wood shavings, propolis, beekeeper applied pesticides in hive	10/30/2019 2:08 PM
7	hives	10/16/2019 3:48 PM

Q21 If you have had one or more tips/complaints or reports alleging pesticide exposure to bees, how many of the reports of alleged pesticide exposure to bees (bee kills) were verified as pesticide related?

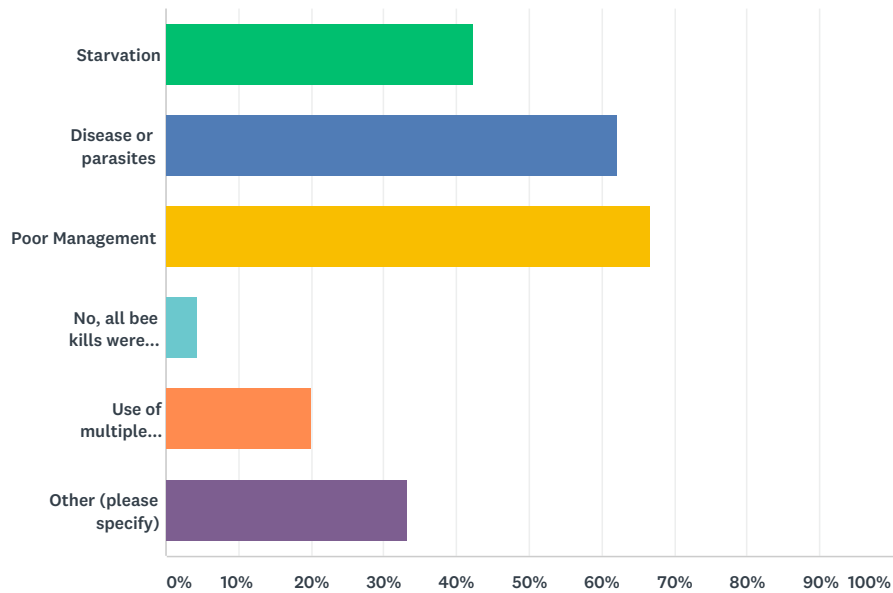
Answered: 44 Skipped: 5

#	RESPONSES	DATE
1	1	11/19/2019 3:01 AM
2	2018-mid 2019 out of 17 total, at least 7 verified as pesticide related.	11/18/2019 10:37 PM
3	0	11/18/2019 4:31 PM
4	Please contact the Pesticide Bureau for specific year counts.	11/15/2019 10:34 PM
5	1	11/15/2019 2:38 PM
6	1	11/13/2019 9:16 PM
7	0	11/13/2019 8:35 PM
8	none	11/13/2019 2:15 PM
9	zero	11/12/2019 7:31 PM
10	none	11/12/2019 6:26 PM
11	1	11/12/2019 4:02 PM
12	One complaint investigation found the pesticide may have contributed to the bee kill. Another complaint investigation found that the bee kill did not result from the pesticide.	11/8/2019 6:13 PM
13	At least 2 of the 4	11/6/2019 6:10 PM
14	0	11/6/2019 4:28 PM
15	No complaints in last the year.	11/6/2019 3:30 PM
16	None	11/6/2019 1:35 PM
17	N/A	11/5/2019 7:14 PM
18	1	11/5/2019 6:45 PM
19	0	11/5/2019 1:07 PM
20	NA	11/4/2019 6:40 PM
21	0	11/4/2019 4:29 PM
22	0: Jan. 1, 2018 – Dec. 31, 2018.	11/2/2019 1:22 AM
23	0	10/31/2019 9:07 PM
24	0	10/31/2019 4:32 PM
25	0	10/31/2019 3:58 PM
26	N/A	10/31/2019 2:09 PM
27	0	10/30/2019 6:01 PM
28	NA	10/30/2019 2:08 PM
29	One	10/30/2019 1:51 PM
30	The majority of samples are positive for some pesticides.	10/29/2019 7:27 PM
31	none of the three this year were attributed to pesticide misuse	10/29/2019 6:47 PM
32	Investigation is still open at this time	10/29/2019 6:41 PM
33	0	10/28/2019 3:21 PM
34	2	10/25/2019 5:35 PM
35	3	10/25/2019 2:38 PM
36	2	10/22/2019 1:58 PM
37	0	10/21/2019 8:05 PM
38	0	10/18/2019 5:05 PM
39	estimate 2 out of every 10	10/16/2019 3:48 PM
40	1	10/15/2019 3:36 PM

41	Only one of nine investigations since 2014.	10/15/2019 2:51 PM
42	0	10/15/2019 2:32 PM
43	0	10/15/2019 2:11 PM
44	0	10/15/2019 12:41 PM

Q22 If you have had one or more tips/complaints or reports alleging pesticide exposure to bees, were there contributing factor(s) other than pesticides that resulted in the bee kill? (please check all that apply):

Answered: 45 Skipped: 4



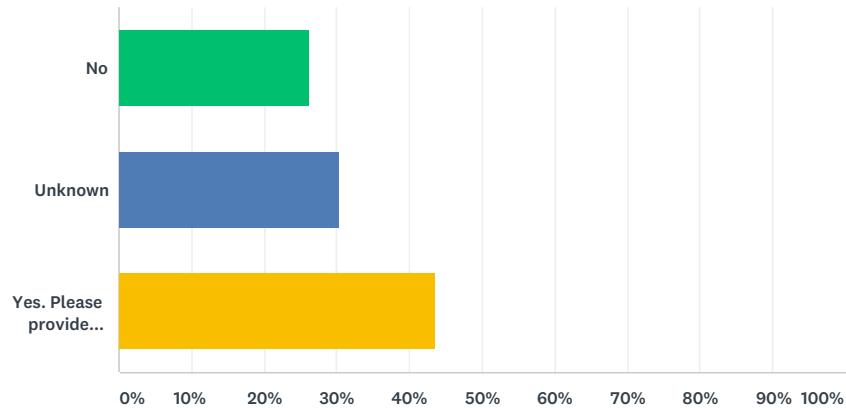
ANSWER CHOICES	RESPONSES
Starvation	42.22% 19
Disease or parasites	62.22% 28
Poor Management	66.67% 30
No, all bee kills were verified as pesticide related.	4.44% 2
Use of multiple pesticides in several adjacent crops within a close radius made it impossible to determine cause and effect of a specific pesticide application.	20.00% 9
Other (please specify)	33.33% 15
Total Respondents: 45	

#	OTHER (PLEASE SPECIFY)	DATE
1	Continued from question 21 - a few beekeepers who did not register with the CAC so they could not be notified prior to any "toxic to bees" pesticide applications within a 1 mile radius.	11/18/2019 10:37 PM
2	There can be a variety of contributing factors. Each incident is investigated on a case by case basis.	11/15/2019 10:34 PM
3	Cause unknown; pesticides ruled out	11/12/2019 6:26 PM
4	No complaints in the last year	11/6/2019 3:30 PM
5	N/A	11/5/2019 7:14 PM
6	unknown	11/5/2019 1:07 PM
7	NA	11/4/2019 6:40 PM
8	Unknown cause	10/31/2019 4:32 PM
9	N/A	10/31/2019 2:09 PM
10	The above answers/selections pertain to UNL investigations, only. NDA had 0 complaints/reports received, thus no investigations.	10/30/2019 2:08 PM
11	In most cases there are multiple factors and it is difficult to pinpoint.	10/29/2019 7:27 PM
12	Investigation is still open at this time	10/29/2019 6:41 PM
13	** Poor Management = early splitting of hives	10/16/2019 3:48 PM

14	The presence of miticides was a significant factor.	10/15/2019 2:51 PM
15	Beekeepers making their own mite strips illegally. Usually too strong so they affect the bees as well.	10/15/2019 2:11 PM

Q23 Has or is your state (SLA, university, cooperative extension) undertaken activities to measure pesticide exposure to bees, for example, by collecting data quantifying the levels of pesticides detected in pollen or other substrate; or by some other means?

Answered: 46 Skipped: 3



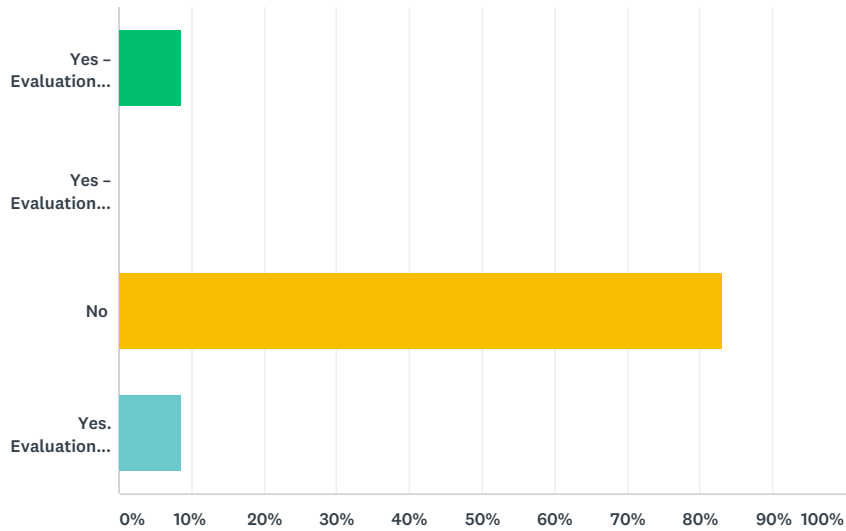
ANSWER CHOICES	RESPONSES
No	26.09% 12
Unknown	30.43% 14
Yes. Please provide additional information regarding the method used below.	43.48% 20
TOTAL	46

#	YES. PLEASE PROVIDE ADDITIONAL INFORMATION REGARDING THE METHOD USED BELOW.	DATE
1	University of MN Entomology department is conducting research on presence of pesticides in plants that can impact pollinators.	11/13/2019 9:16 PM
2	National Honey Bee Survey	11/13/2019 8:35 PM
3	The Connecticut Agricultural Experiment Station has undertaken research over three years on the effects of neonicotinoids on honey bees - they are working on development of their final report at this time	11/13/2019 2:15 PM
4	multiple year pollen study	11/12/2019 4:02 PM
5	Michigan State University has several projects that have examined pesticide exposure to bees. MSU has received research grants to study pesticide levels and effects in multiple crop systems including blueberries, cherries, apples, and vines crops.	11/8/2019 6:13 PM
6	WSU has conducted some studies.	11/6/2019 6:10 PM
7	SLA recently tested wax--participation in the National Honeybee Health Survey, USDA, APHIS.	11/5/2019 6:45 PM
8	Oregon State University, Extension is working to better understand extended residual toxicity of various pesticides for specialty vegetable seeds in field conditions.	11/2/2019 1:22 AM
9	National Honey Bee Survey (USDA)	10/31/2019 9:07 PM
10	University research	10/31/2019 4:32 PM
11	University research	10/31/2019 3:58 PM
12	Yes. The UNL Bee Lab has a few research projects examining environmental exposure levels and performing effects studies.	10/30/2019 2:08 PM
13	only when it pertained to a bee kill where it was suspected a pesticide had been misused	10/29/2019 6:47 PM
14	Funded a project through the land grant university to provide a comprehensive assessment of the health status of managed honey bee populations and the risk of pesticide exposures to honey bee colonies in the state. Specific objective included 1) To provide a multi-pesticide residue and instrument analysis of pesticides in honey bee colonies; 2. To quantify the nutritional, immune, and pesticide sensitivity status of honey bee colonies; and 3. To assess the patterns of pesticide exposure and honey bee health at the colony level.	10/28/2019 3:21 PM

15	The Dept. provided funds to UMASS Extension to collect samples from hives and analyze for pesticides. Additionally the Department and UMASS Extensions has participated in the USDA Honey Bee Survey.	10/25/2019 5:35 PM
16	Our apiary section has participated in national honeybee surveys.	10/22/2019 1:58 PM
17	SD Department of Ag participates in the USDA/National Honeybee survey	10/21/2019 8:05 PM
18	Participated in a national honey bee survey.	10/21/2019 12:35 PM
19	U of D is conducting residue study.	10/15/2019 3:36 PM
20	USDA survey participation.	10/15/2019 2:51 PM

Q24 Has your agency or another entity evaluated your state plan based on metrics or another tool?

Answered: 47 Skipped: 2

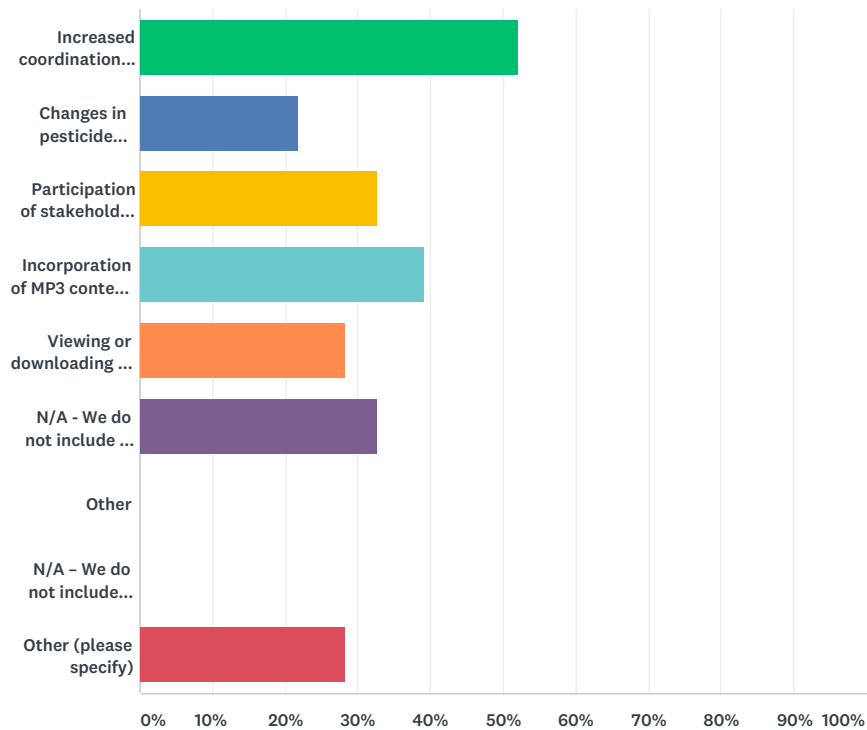


ANSWER CHOICES	RESPONSES
Yes – Evaluation conducted by SLA	8.51% 4
Yes – Evaluation conducted by other entity (please provide additional information below)	0.00% 0
No	82.98% 39
Yes. Evaluation conducted by other entity (please provide additional information below).	8.51% 4
TOTAL	47

#	YES. EVALUATION CONDUCTED BY OTHER ENTITY (PLEASE PROVIDE ADDITIONAL INFORMATION BELOW).	DATE
1	University extension	11/12/2019 6:30 PM
2	Evaluation based on metrics included in Oregon's strategic plan, conducted by the Oregon Bee Project and its advisory committee.	11/2/2019 1:22 AM
3	A document entitled, SFIREG Joint Working Committee Performance Measures for Managed Pollinator Protection Plans has been created to assist with developing measures for this plan.	10/29/2019 6:50 PM
4	not applicable	10/16/2019 3:52 PM

Q25 How will the success of your plan be measured? (please check all that apply)

Answered: 46 Skipped: 3



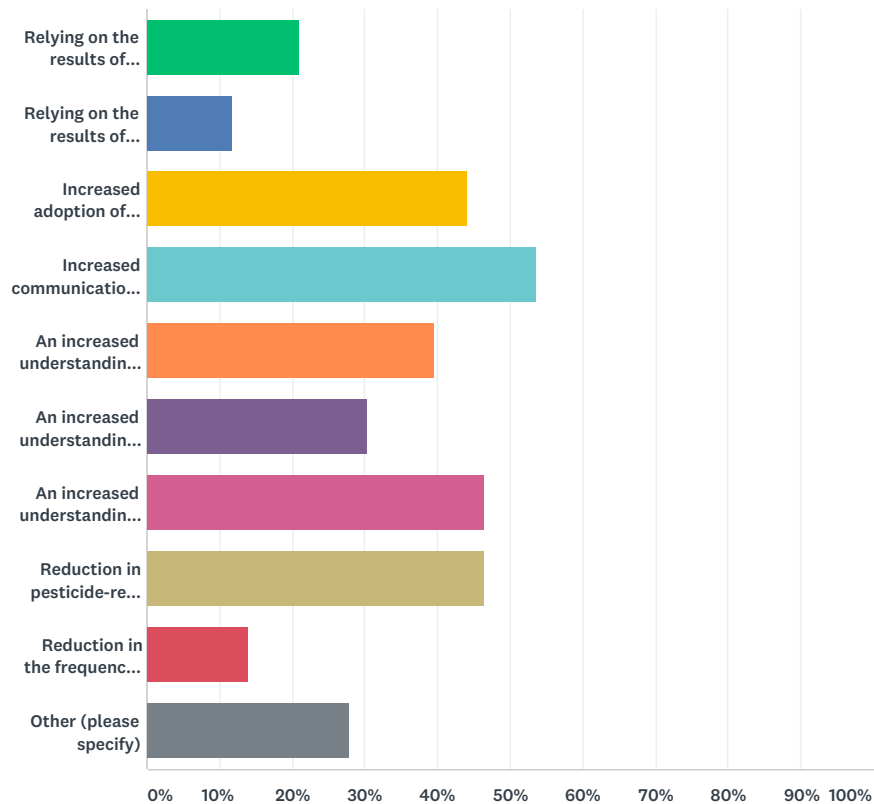
ANSWER CHOICES	RESPONSES
Increased coordination and communication between beekeepers and applicators	52.17% 24
Changes in pesticide incident reporting	21.74% 10
Participation of stakeholders in relevant training/webinar/other	32.61% 15
Incorporation of MP3 content into continuing education	39.13% 18
Viewing or downloading of materials from the website	28.26% 13
N/A - We do not include any specific measures as part of the plan.	32.61% 15
Other	0.00% 0
N/A - We do not include specific measures as part of the plan.	0.00% 0
Other (please specify)	28.26% 13
Total Respondents: 46	

#	OTHER (PLEASE SPECIFY)	DATE
1	The pollinator plan efforts in Iowa are ongoing and engage multiple programs area activities (apiary and pesticide). As part of these programs we engage in pesticide incident reporting, stakeholder communication, training/meeting attendance, support FieldWatch/BeeCheck, and maintain outreach materials.	11/15/2019 10:34 PM
2	No plan developed	11/13/2019 2:17 PM
3	Have never formalized a state plan	11/12/2019 4:03 PM
4	Specific metrics are under development.	11/8/2019 6:13 PM

5	Not yet determined. WSDA received funding in 2019 to establish a pollinator health task force. WSDA(PEST Program, Plant Protection Division) just hired a new Pollinator Health Coordinator in October. The focus of the task force will be to build a framework or template for Best Management Practices either at a geographically or pollinator specific level. WSDA wrote a Managed Pollinator Plan in 2018, (link below) but it lacks specifics due to the great diversity of cropping patterns, geographical and varying habitat. The Washington MP3 provides the basic framework for all of the BMP's to support pollinators, but does not include specifics. http://cms.agr.wa.gov/getmedia/819f8d22-37b1-484d-a522-31f60875f9c9/101-681ManagedPollinatorProtectionPlan.pdf	11/6/2019 6:17 PM
6	While we do not include any specific measures as a part of the plan, we could measure it by participation of stakeholders in relevant trainings, views/downloads of content, changes in incident reporting (which is currently limited), and incorporation of MP3 content into continuing ed.	11/5/2019 6:45 PM
7	stakeholder surveys	11/2/2019 1:22 AM
8	habitat creation and maintenance	10/31/2019 3:59 PM
9	Done through OPHI.	10/30/2019 1:54 PM
10	Committee Performance Measures for Managed Pollinator Protection Plans has been created to assist with developing measures for this plan. The process for identifying suitable measures for Indiana is currently on-going.	10/29/2019 6:50 PM
11	-The number and types (agricultural or non-agricultural) of cases in which an enforcement action was taken for use of pesticide in a manner inconsistent with specific pollinator protection label language; -Number of agricultural producers, pesticide applicators and landowners who have adopted or implemented one or more of the Plan's Guidelines for Protecting Pollinators or Best Management Practices; and -Number of beekeepers who have adopted or implemented the Plan's Guidelines for Protecting Pollinators or Best Management Practices.	10/28/2019 3:21 PM
12	the number of applicators who have signed up to use Fieldwatch/beewatch	10/21/2019 8:07 PM
13	not applicable - have State Regulations	10/16/2019 3:52 PM

Q26 Which of the following measurements of success does your state actively utilize to track success? (please check all that apply)

Answered: 43 Skipped: 6



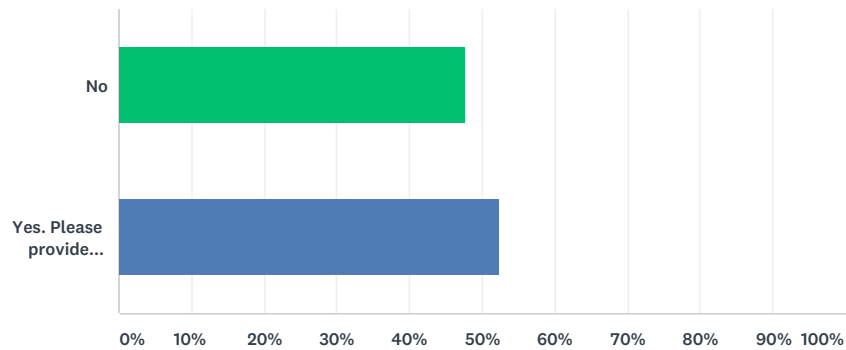
ANSWER CHOICES	RESPONSES
Relying on the results of existing and currently collected honey bee data by federal agencies and national organizations; data from the USDA-NASS report; the Bee Informed Partnership Report; or similar.	20.93% 9
Relying on the results of state initiated pollinator health surveys.	11.63% 5
Increased adoption of BMPs and SOPs by pesticide applicators and beekeepers.	44.19% 19
Increased communication between pesticide applicators and beekeepers	53.49% 23
An increased understanding of how bees are exposed to pesticides	39.53% 17
An increased understanding of how product selection can protect pollinators	30.23% 13
An increased understanding of pesticide label comprehension by pesticide users	46.51% 20
Reduction in pesticide-related verified bee kills	46.51% 20
Reduction in the frequency and level of pesticides detected in pollen or other substrates	13.95% 6
Other (please specify)	27.91% 12
Total Respondents: 43	

#	OTHER (PLEASE SPECIFY)	DATE
1	IDALS uses a combination of the above.	11/15/2019 10:34 PM
2	Participation in pollinator protection training.	11/12/2019 7:33 PM
3	Metrics under development.	11/8/2019 6:13 PM
4	Number of training sessions and attendees reached.	11/6/2019 3:30 PM
5	None at this time.	11/5/2019 7:15 PM
6	NA	11/4/2019 6:42 PM

7	Data from the Honeybee Tech Team and the National Honeybee Survey	10/31/2019 4:32 PM
8	Use inspection results.	10/30/2019 1:54 PM
9	Committee Performance Measures for Managed Pollinator Protection Plans has been created to assist with developing measures for this plan. The process for identifying suitable measures for Indiana is currently on-going.	10/29/2019 6:50 PM
10	Number of registered users of online mapping tool including pesticide applicators and beekeepers.	10/28/2019 3:21 PM
11	The NJDEP does not perform this activity.	10/16/2019 3:52 PM
12	It is very rare to receive bee/pesticide complaints...one every few years.	10/15/2019 2:00 PM

Q27 Does your state have, as part of its plan, a provision to help increase pollinator habitat.

Answered: 44 Skipped: 5



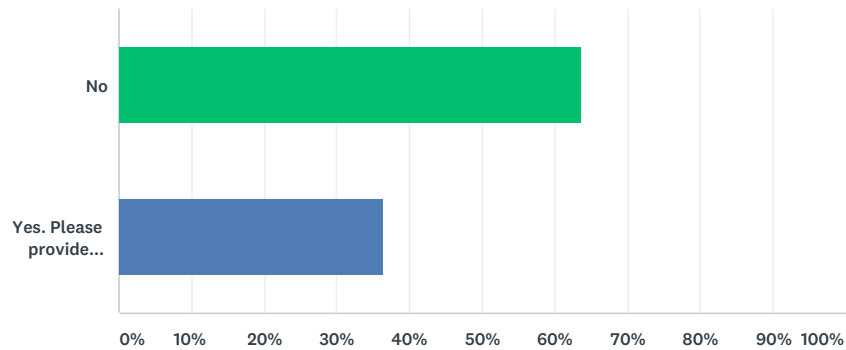
ANSWER CHOICES	RESPONSES
No	47.73% 21
Yes. Please provide additional information below regarding pollinator habitat.	52.27% 23
TOTAL	44

#	YES. PLEASE PROVIDE ADDITIONAL INFORMATION BELOW REGARDING POLLINATOR HABITAT.	DATE
1	In CA, DPR's MP3 is for the pesticide related aspects only, because we do not have jurisdiction regarding development or maintenance of pollinator habitat. Jurisdiction for habitat related aspects for pollinators are shared by CDFA and Dept of Fish & Wildlife.	11/18/2019 10:40 PM
2	Leaving areas where pollinators visit, (natural areas)	11/18/2019 4:41 PM
3	Pollinator BMPs focus on increasing pollinator habitat in various landscapes.	11/13/2019 9:17 PM
4	Webpage resources	11/12/2019 7:39 PM
5	Example: "...Enlisting the help of property owners to plant vegetation attractive to pollinators and providing possible nesting habitats for wild bee pollinators (such as leafcutter bees and carpenter bees), should be encouraged. For other pollinators, brochures encourage the establishment of native plants like milkweed, in low traffic areas (not roadways or urban walkways) and areas where herbicides and insecticides are not used..."	11/12/2019 6:36 PM
6	The MP3 encourages diverse and abundant food sources.	11/8/2019 6:13 PM
7	> Distribute seed packets > Work with Noxious Weed Boards and Right of Way entities on pollinator habitats	11/6/2019 6:44 PM
8	Suggestions for managing Rights of Way (Integrated Vegetation Management). State, County and Municipal Improvements and Private Landowner improved habitat.	11/6/2019 3:30 PM
9	Routine inspections of vegetation management companies.	11/6/2019 1:37 PM
10	The plan includes some basic BMPs for providing both forage and habitat. Maine Department of Transportation is working to implement pollinator habitat in state managed rights of way.	11/5/2019 6:48 PM
11	Efforts have been made to collaborate with other groups and experts to develop meaningful/realistic guidance regarding appropriate plants and techniques for the development of pollinator friendly habitat in Oregon. Efforts have also been made to highlight land managers who have maintained or increased pollinator habitat as a way to inspire and motivate others to adopt those practices.	11/2/2019 1:24 AM
12	Plant lists, habitat resources	10/31/2019 9:11 PM
13	The New York State Plan includes specific management activities for State Agencies and habitat and conservation and enhancement	10/31/2019 4:37 PM
14	Recommendations on why pollinator habitat is important, information about habitat needs, resources for creating habitat.	10/31/2019 4:04 PM
15	Our department of transportation plays a huge role in this. As well as other groups. through outreach we are encouraging more and more people every year to establish Pollinator Habitats when and where they can.	10/30/2019 6:10 PM

16	Yes, Nebraska Extension has a Pollinator Habitat Certification Program and we provide training opportunities to restore natural habitat, establish new habitat, and assess habitats. State partners also work with Federal agencies in promoting pollinator habitat through various Federal and State programs.	10/30/2019 2:18 PM
17	Done through OPHI.	10/30/2019 1:58 PM
18	We encourage pollinator habitat plantings in non-farmable areas, vegetative buffer strips and as a mix in cover crops.	10/29/2019 7:27 PM
19	Activities are coordinated with the NC Pollinator Conservation Alliance and include CRP land, solar farms, and other areas. The NCDA&CS Research Farms and NC DOT are all heavily involved with pollinator habitat.	10/25/2019 2:53 PM
20	State Plan has a section on Pollinator Conservation which includes setting aside areas as bee sanctuaries, creating corridors around farm land, and leaving areas undisturbed for soil-nesting bees.	10/22/2019 2:25 PM
21	NRCS encourages pollinator habitat. There are many locations of pollinator habitat available for managed bee existence.	10/18/2019 5:13 PM
22	CDA does not have an active role in "increasing" pollinator habitat. However, the Department does encourage and has actively supported other state agency initiatives to create pollinator habitat.	10/15/2019 3:00 PM
23	There is a section about supporting forage and habitat. A portion on the grower section about planting bee friendly habitat.	10/15/2019 2:11 PM

Q28 Is your state monitoring or surveying pollinator population levels of non-managed pollinators or the distribution of non-managed pollinators , for example, native bees; butterflies, etc.?

Answered: 44 Skipped: 5



ANSWER CHOICES	RESPONSES
No	63.64% 28
Yes. Please provide additional information regarding monitoring of non-managed pollinators.	36.36% 16
TOTAL	44

#	YES. PLEASE PROVIDE ADDITIONAL INFORMATION REGARDING MONITORING OF NON-MANAGED POLLINATORS.	DATE
1	Monitor at the ports for Africanized bees.	11/19/2019 3:05 AM
2	Minnesota Department of Natural Resources has surveyed native bee and butterfly populations and MN Zoo has surveyed some butterfly populations.	11/13/2019 9:17 PM
3	University of New Hampshire awarded grant to study non-managed pollinators	11/12/2019 7:39 PM
4	Michigan Department of Natural Resources is handling native pollinator management, mostly through partnerships. Michigan State University has been surveying for wild bees recently, but not as part of a state-funded effort. USDA funding that supported that work recently is winding down, so there is not a plan to continue sampling in 2020. MSU worked with a group of collaborators on a grant proposal to USDA that would develop an national wild bee monitoring plan, but that will require funding. Michigan Natural Features Inventory is surveying for bumblebees at national forests and some other locations in Michigan and also surveys for endangered butterflies. US Fish and Wildlife Service has some plans to sample bees in the Great Lakes watershed that may not have started yet.	11/8/2019 6:13 PM
5	Maine Bumblebee Atlas and Maine DOT Roadside study	11/5/2019 6:48 PM
6	Researchers at the University of Florida participate in some surveying activities, but it is not reported to FDACS to my knowledge	11/4/2019 4:33 PM
7	The Oregon Bee Atlas is a component of the Oregon Bee Project, with a mission to train volunteers to explore Oregon counties, seek new native bee records for the state, to build the first comprehensive survey of the native bee fauna in Oregon. The specimens and data will be curated by Oregon State University's Oregon State Arthropod Collection where it will be publicly available. The goal is that within the next five years, the Atlas activities will transition from inventorying the bees of Oregon to conducting long-term regional surveys that would inform the state's pollinator protection plan.	11/2/2019 1:24 AM
8	A survey of native pollinator habitat is ongoing	10/31/2019 4:37 PM
9	State Department of Natural Resources monitors wildlife populations, including pollinators and native insects.	10/31/2019 4:04 PM
10	Yes, UNL Bee Lab surveys for wild bee communities in prairie systems, agricultural and urban habitats, and roadsides. UNL Bee Lab also helps Nebraska Game and Parks complete surveys across the state for threaten or species of concern, such as Regal Fritillary and Monarch Butterflies. State partners, coordinated through the Nebraska Game & Parks Commission, have also developed the CONSERVATION STRATEGY FOR MONARCHS (DANAUS PLEXIPPUS) AND AT-RISK POLLINATORS IN NEBRASKA (http://outdoornebraska.gov/monarchconservationplan/) where monitoring and assessing populations of non-managed pollinators is a goal.	10/30/2019 2:18 PM
11	Done through OPHI	10/30/2019 1:58 PM

12	Our department worked with NDSU to develop a statewide, multi-year native bee and butterfly study. The study is currently in it's third year of data collection.	10/29/2019 7:27 PM
13	There is some monitoring of bumblebees by DNR, and within the Region, the Illinois Butterfly Monitoring Network includes around 10 Indiana routes.	10/29/2019 7:00 PM
14	There is some research being conducted at NCSU. NCSU and Michigan State University have coordinated the Protecting Pollinators in Urban Landscape program for six years.	10/25/2019 2:53 PM
15	Not the NJDEP, but NJDoA does on a limited bases.	10/16/2019 4:00 PM
16	Not sure. The Apiary Section may be doing something	10/15/2019 12:54 PM

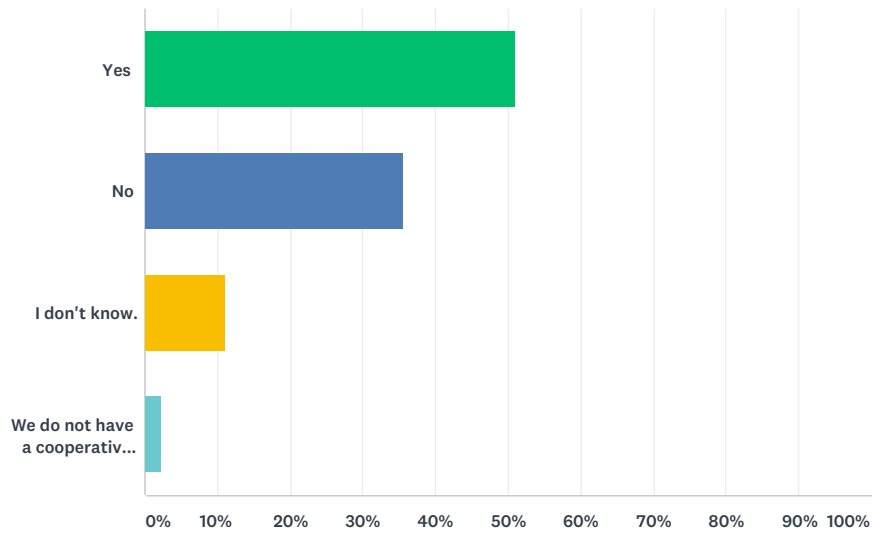
Q29 Please share any other activities or information regarding your pollinator protection plan that demonstrates the success of your plan.

Answered: 24 Skipped: 25

#	RESPONSES	DATE
1	NA	11/19/2019 3:05 AM
2	The reduced number of dead bee calls.	11/18/2019 4:41 PM
3	Please note responses to # 27 and #28 of this survey refer to activities that would be conducted outside of the IDALS apiary and pesticide programs.	11/15/2019 10:34 PM
4	No plan developed	11/13/2019 2:22 PM
5	Outreach through pesticide applicator training sessions.	11/12/2019 7:39 PM
6	Training and Educational Resources • UNCE Publications o http://www.unce.unr.edu/publications/files/ho/2014/sp1407.pdf o http://www.unce.unr.edu/publications/files/ho/2013/fs1335.pdf • UNCE Research Center and Demonstration Orchard • Xerces Society for Invertebrate Conservation • Monarch Joint Venture • USFW brochure "Attracting Pollinators to Your Garden" • Walker Basin Conservancy • National Park Service Nevada Managed Pollinator Protection Plan Plant Industry Division July 7, 2016 page 10 o http://www.nps.gov/subjects/pollinators/additionalresources.htm • USDA-NRCS o http://www.nrcs.usda.gov/wps/portal/nrcs/detail/pr/plantsanimals/?cid=stelprdb12_56013	11/12/2019 6:36 PM
7	In addition to writing an MP3 in 2018 and establishing a pollinator health task force in 2019, WSDA also worked extensively with the alfalfa seed growers and WSU to create a specific MP3 for them. The Alfalfa Seed Crop MP3 is in full force and captured many years of BMP's that this industry has been practicing. The alfalfa seed growers manage their own varieties of pollinators - leaf cutters and alkali bees (native to SE WA). It has always been in the Alfalfa Seed Growers best interests to protect their pollinators as they help produce the "seed" crop. This industry is years ahead of most growers in terms of protecting pollinators, it is part of their daily life and farming practices all year. See: http://s3.wp.wsu.edu/uploads/sites/2168/2017/10/alfalfa-seed-mp3.pdf .	11/6/2019 6:44 PM
8	We have not measured success of the Plan however we see an increase in registration to our Apiary program.	11/5/2019 7:19 PM
9	NA	11/4/2019 6:44 PM
10	Oregon will be relying heavily on survey responses from different stakeholder groups. Also, whenever possible, data is gathered during outreach events and workshops using audience response systems – the questions generally focus on the audience's understanding of pesticide label language and risk assessment of posed scenarios.	11/2/2019 1:24 AM
11	Much of the state pollinator plan concepts were incorporated into the statewide efforts to protect monarch butterflies and their habitat.	10/31/2019 4:04 PM
12	Nothing more to report at this time.	10/30/2019 6:10 PM
13	We currently have a lot of programs focused on pollinator health but have not released the formal finalized protection plan.	10/30/2019 2:18 PM
14	nothing else that hasn't been covered	10/29/2019 7:00 PM
15	NA	10/28/2019 3:22 PM
16	n/a	10/25/2019 5:39 PM
17	Tracking numbers of beekeepers, growers and applicators who are registered in the FieldWatch platforms.	10/25/2019 2:53 PM
18	The number of applicators that use Beewatch/Fieldwatch, lack of bee investigations	10/21/2019 8:14 PM
19	We have a state law that requires registration of all hives in the state and very good cooperation with the beekeeping industry.	10/18/2019 5:13 PM
20	not applicable to State Regulations	10/16/2019 4:00 PM
21	CDA has worked with CU law school attorneys to help them understand current regulations and to communicate between CDA and beekeeper associations.	10/15/2019 3:00 PM
22	We've only had one pesticide related bee kill in five years.	10/15/2019 2:40 PM
23	Some of these question ask about monitoring or surveying pollen, other pollinators, etc. We, as the SLA, do not do this, but it is likely that the land grant university is, we're just not aware of it.	10/15/2019 2:22 PM
24	Our lack of complaints.	10/15/2019 2:11 PM

Q30 Did you select "Pollinator Protection" as a Pick-List Program Area as provided for in the 2018-2021 FIFRA Cooperative Agreement Guidance?

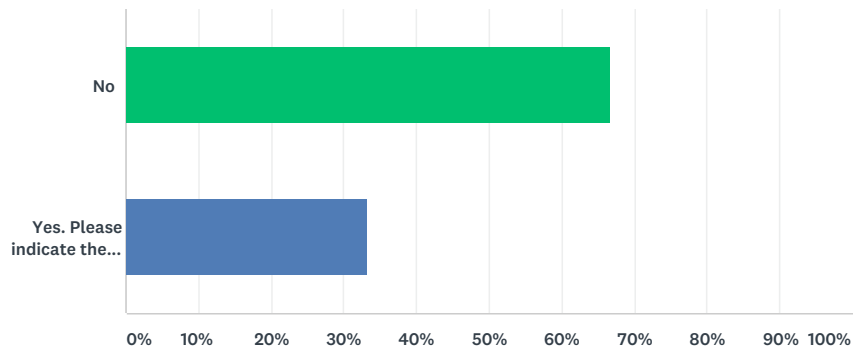
Answered: 45 Skipped: 4



ANSWER CHOICES	RESPONSES	
Yes	51.11%	23
No	35.56%	16
I don't know.	11.11%	5
We do not have a cooperative agreement with EPA.	2.22%	1
Total Respondents: 45		

Q31 Is your SLA or the entity responsible for implementing the pollinator plan, receiving specific funding for these activities?

Answered: 42 Skipped: 7



ANSWER CHOICES	RESPONSES
No	66.67% 28
Yes. Please indicate the source of the funding.	33.33% 14
TOTAL	42

#	YES. PLEASE INDICATE THE SOURCE OF THE FUNDING.	DATE
1	State and FIFRA grant.	11/18/2019 4:41 PM
2	EPA PPG Funding, through picklist program area selection	11/15/2019 10:34 PM
3	EPA Grant	11/13/2019 8:38 PM
4	Pick list item through grant	11/12/2019 7:39 PM
5	EPA.	11/8/2019 6:13 PM
6	Apiary registration fees	11/6/2019 6:44 PM
7	The Oregon Legislature passed a House Bill 3362, which funded pollinator protection efforts through Oregon State University Extension, using a portion of the state's pesticide registration fees from July 1, 2015 through January 1, 2019, at which point funds shifted to general pesticide education.	11/2/2019 1:24 AM
8	New York State's Environmental Protection Fund	10/31/2019 4:37 PM
9	We (UNL) have some educational grants that are helping with implementation of pollinator-friendly practices that will be in the final plan.	10/30/2019 2:18 PM
10	Legislation	10/25/2019 5:39 PM
11	FieldWatch annual fee and outreach materials are paid from funds received by the Pesticide Environmental Trust Fund, administered by the NC Pesticide Board.	10/25/2019 2:53 PM
12	EPA PPG	10/22/2019 2:25 PM
13	USDA Block Grant	10/21/2019 8:14 PM
14	From agreement, I believe.	10/15/2019 2:22 PM

Q32 If available, what would your state do if adequately funded?

Answered: 32 Skipped: 17

#	RESPONSES	DATE
1	Hive registration, communications with local communities on bee hive locations.	11/19/2019 3:05 AM
2	NA	11/18/2019 4:41 PM
3	At this time the majority of the pollinator protection efforts are funded through the state. Iowa would evaluate federal funding opportunities if available.	11/15/2019 10:34 PM
4	Enhance websites and online information for MP3	11/15/2019 2:43 PM
5	Carry out more education and outreach to protect pollinators	11/13/2019 9:17 PM
6	N/A	11/13/2019 8:38 PM
7	hire more staff to improve/enhance inspections of pesticide users and enforcement of pesticide laws	11/13/2019 2:22 PM
8	Revise pesticide applicator exams.	11/12/2019 7:39 PM
9	Hire staff with a greater percentage of time dedicated to MP3, including data development and metrics and regulatory outreach (e.g., pesticide label comprehension). Fund Michigan State University's research technician at a higher, longer-term level.	11/8/2019 6:13 PM
10	Have an active apiary education / inspection program.	11/6/2019 6:44 PM
11	Stakeholder meetings for improvement planning. Let the stakeholders decide. Improved database. Mapping tools.	11/6/2019 3:30 PM
12	Outreach	11/5/2019 7:19 PM
13	Provide FieldWatch/Hive Watch as a service or providing a mapping system.	11/5/2019 6:48 PM
14	Propose a plan	11/4/2019 6:44 PM
15	Hire a dedicated person to manage MP3s. Work with land managers to obtain more bee forage. Engage in more outreach and education.	11/4/2019 4:33 PM
16	Stable funding is needed to fund a full-time coordinator to support the logistics of managing volunteers, educational material printing and dissemination, public inquiries, etc.	11/2/2019 1:24 AM
17	na	10/31/2019 9:11 PM
18	Outreach, evaluate plan outcomes, research	10/31/2019 4:04 PM
19	N/A	10/30/2019 6:10 PM
20	UNL estimates: * Partial funding to support a project coordinator or someone who can keep us on our timeline, coordinate across stakeholder groups, and help evaluate impact would significantly help expedite this process. Partial salary estimates: (0.5 FTE= \$18-20k) * Funds for website development and hard copy prints will facilitate distribution and adoption of the plan. Estimated \$2000 for web support, \$1500 for publication & prints NDA estimates: * an additional inspector/specialist would be helpful in carrying out the plan (\$75k for salary, equipment/support, sample analysis, etc)	10/30/2019 2:18 PM
21	Fund meaningful research that could answer questions as to whether any specific pesticide regulatory programs could measurably improve any decline in populations	10/29/2019 7:00 PM
22	Unknown	10/28/2019 3:22 PM
23	Conduct more studies to show how much pesticides honey bees are exposed to and its' affects.	10/25/2019 5:39 PM
24	Host larger meetings with growers and applicators.	10/25/2019 2:53 PM
25	Provide more specific pollinator protection training to applicators. Provide inspector training on conducting pesticide misuse investigations related to pollinator die-offs.	10/22/2019 2:25 PM
26	provide more outreach to applicators and bee keepers	10/21/2019 8:14 PM
27	I do not know of any additional activities we would do.	10/18/2019 5:13 PM
28	Create a position to address activities not covered in State Regulations but that are in an MP3 to improve State Regulations.	10/16/2019 4:00 PM
29	Print more pamphlets and purchase more flags.	10/15/2019 2:40 PM
30	Nothing more. Beekeepers don't want others to know where their hives are. They just want to hold applicators liable, even if the applicators have no idea where there may be hives.	10/15/2019 2:22 PM
31	We do not have a state apiarist. With funding a person could actually work with the bee keeping association and grower organizations.	10/15/2019 2:11 PM
32	additional outreach and better monitoring	10/15/2019 12:54 PM

Q33 Please provide the weblink to your MP3 if it is online

Answered: 34 Skipped: 15

#	RESPONSES	DATE
1	NA	11/19/2019 3:05 AM
2	https://www.cdpr.ca.gov/docs/enforce/pollinators/ca_managed_pollinator_protection_plan.pdf	11/18/2019 10:40 PM
3	https://agri.idaho.gov/main/idaho-pollinator-protection-plan-1-17/	11/18/2019 4:41 PM
4	https://www.iowaagriculture.gov/Entomology/pdf/2018/Iowa's%20Answer%20to%20MP3%203-2018.pdf	11/15/2019 10:34 PM
5	https://www.lsuagcenter.com/~media/system/b/c/d/8/bcd8d620c52de4e38632ba20a71213f0/3478_louisiana_pollinator.pdf	11/15/2019 2:43 PM
6	Not available at this moment	11/13/2019 8:38 PM
7	http://agri.nv.gov/uploadedFiles/agrinvgov/Content/Plant/Entomology/nevada_pollinator_protection_plan_final.pdf	11/12/2019 6:36 PM
8	www.michigan.gov/pollinatorprotection ; https://www.michigan.gov/mdard/0,4610,7-125-2390_76976-387345--,00.html ; https://pollinators.msu.edu/protection-plan .	11/8/2019 6:13 PM
9	https://cms.agr.wa.gov/getmedia/819f8d22-37b1-484d-a522-31f60875f9c9/101-681ManagedPollinatorProtectionPlan.pdf	11/6/2019 6:44 PM
10	https://agriculture.wv.gov/divisions/plantindustries/Documents/PID%20pdfs/West%20Virginia%20Pollinator%20Protection%20Plan_Final.pdf	11/6/2019 3:30 PM
11	https://doee.dc.gov/sites/default/files/dc/sites/doe/service_content/attachments/Final%20P3.pdf	11/5/2019 7:19 PM
12	https://www.maine.gov/dacf/php/documents/MaineDACFManagedPollinatorProtectionPlan10-05-2017.pdf	11/5/2019 6:48 PM
13	NA	11/4/2019 6:44 PM
14	Strategic plan: https://www.oregon.gov/ODA/programs/Pesticides/Documents/OregonBeeProjectStrategicPlan.pdf ; Oregon Bee Project: oregonbeeproject.org	11/2/2019 1:24 AM
15	https://agr.mt.gov/Portals/168/Documents/Bees/PollinatorProtectionPlan.pdf	10/31/2019 9:11 PM
16	https://www.dec.ny.gov/docs/administration_pdf/nyspollinatorplan.pdf	10/31/2019 4:37 PM
17	https://datcp.wi.gov/Pages/Programs_Services/PollinatorProtection.aspx	10/31/2019 4:04 PM
18	https://www.kyagr.com/statevet/documents/OSV_Bee_Pollinator-Handout.pdf	10/30/2019 6:10 PM
19	https://www.nd.gov/ndda/sites/default/files/legacy/resource/ND%20Pollinator%20Plan%202016.pdf	10/29/2019 7:27 PM
20	https://www.oisc.purdue.edu/pesticide/p3/p3_final_053118.pdf	10/29/2019 7:00 PM
21	https://www.vdacs.virginia.gov/pdf/BMP-plan.pdf	10/28/2019 3:22 PM
22	https://www.mass.gov/files/documents/2017/06/zw/pollinator-plan.pdf	10/25/2019 5:39 PM
23	https://www.ncagr.gov/pollinators/NCPollinatorProtection.htm	10/25/2019 2:53 PM
24	http://agr.georgia.gov/protecting-georgias-pollinators.aspx	10/22/2019 2:25 PM
25	https://sdda.sd.gov/ag-services/beekeeping-apiary-resources/pdf/Pollinator.Plan.July2017.pdf	10/21/2019 8:14 PM
26	https://www.oda.state.ok.us/cps/Oklahoma_Pollinator_Protection_Plan_Final.pdf	10/21/2019 12:37 PM
27	https://wyoextension.org/laramiecounty/wp-content/uploads/Wyoming-Pollinator-Plan-2015.pdf	10/18/2019 5:13 PM
28	NJSA 7:30-9.11	10/16/2019 4:00 PM
29	https://agriculture.delaware.gov/pesticide-management/pollinator-protection-plan/	10/15/2019 3:41 PM
30	https://www.colorado.gov/pacific/agplants/colorado-pollinator-workgroup	10/15/2019 3:00 PM
31	http://www.mdac.ms.gov/wp-content/uploads/bpi_bee_brochure.pdf	10/15/2019 2:40 PM
32	https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&ved=2ahUKEwia2vOUup7IAhVloZ4KHURkD4UQFjAAegQIBhAC&url=https%3A%2F%2Fag.utah.gov%2Fdocuments%2FManaged%2520Pollinator%2520Protection%2520Plan%2520MP3.pdf&usg=AOvVaw1bpXTHoFohAWFFvVnllc3t	10/15/2019 2:22 PM
33	https://agriculture.az.gov/about-us/divisions/environmental-services	10/15/2019 2:11 PM
34	https://mda.maryland.gov/plants-pests/Documents/Maryland%20Pollinator%20Protection%20Plan.pdf	10/15/2019 12:54 PM

Q34 Please provide the name and contact information for the author and primary contact for your state's MP3

Answered: 39 Skipped: 10

#	RESPONSES	DATE
1	https://cms.ctahr.hawaii.edu/pollinators/Resources/Beekeepers	11/19/2019 3:05 AM
2	The MP3 primary authors are no longer with DPR due to retirement, etc. The current primary contact is Senior Environmental Scientist Peggy Byerly. Contact at email address Peggy.Byerly@cdpr.ca.gov , or direct phone line 916-445-5774.	11/18/2019 10:40 PM
3	It was a shared project - Jared Stuart - Plants, Vic Mason - Ag Resources (George Robinson - Ag Resources wrote it, but has since retired)	11/18/2019 4:41 PM
4	Contact Gretchen Paluch (gretchen.paluch@iowaagriculture.gov) and Robin Pruisner (robin.pruisner@iowaagriculture.gov)	11/15/2019 10:34 PM
5	Allen Fabre, State Apiarist	11/15/2019 2:43 PM
6	Mark Stoll 501-225-1598 Mark.Stoll@agriculture.arkansas.gov	11/13/2019 8:38 PM
7	David J. Rousseau, David.Rousseau@agr.nh.gov ; (603) 271-3640	11/12/2019 7:39 PM
8	Bret Allen, Nevada Department of Agriculture 775-353-3715 bret.allen@agri.nv.gov	11/12/2019 6:36 PM
9	Cary Giguere cary.giguere@vermont.gov	11/12/2019 4:04 PM
10	Jeffrey Zimmer Michigan Department of Agriculture and Rural Development Pesticide and Plant Pest Management Division P.O. Box 30017 Lansing MI 48909 zimmerj@michigan.gov 517-284-5638	11/8/2019 6:13 PM
11	> Author was Erik Johansen, now retired. > Contact for the WSDA MP3: WSDA Registration Program Manager, Kelle Davis, kmdavis@agr.wa.gov , 360-902-2045.	11/6/2019 6:44 PM
12	Mike Studer 615-837-5342 or mike.studer@tn.gov	11/6/2019 4:31 PM
13	Grant Bishop gbishop@wvda.us	11/6/2019 3:30 PM
14	Tim Drake 864-646-2150	11/6/2019 1:37 PM
15	Mary Begin	11/5/2019 7:19 PM
16	Ron Dyer (Nancy McBrady) Bureau Director, Bureau of Agriculture, Food and Rural Resources Maine Department of Agriculture, Conservation and Forestry 28 State House Station Augusta, ME 04333-0028 Nancy.McBrady@maine.gov	11/5/2019 6:48 PM
17	NA	11/4/2019 6:44 PM
18	The individuals who began the MP3s have either retired or left for other reasons.	11/4/2019 4:33 PM
19	•Andony Melathopoulos, Assistant Professor - Pollinator Health Extension, Oregon State University, melathoa@oregonstate.edu , 541-737-3139 •Gilbert Uribe, Pesticide Certification & Registration Specialist, Oregon Department of Agriculture, guribevaldez@oda.state.or.us , 503-986-4752	11/2/2019 1:24 AM
20	No longer works at Department. Contact Alyssa Piccolomini, State Entomologist at 406-444-3790 or apiccolomini@mt.gov for information.	10/31/2019 9:11 PM
21	Michael Murray Michael.murray@wi.gov 608-224-4551	10/31/2019 4:04 PM
22	Tammy Horn Potter Tammy.Potter@ky.gov	10/30/2019 6:10 PM
23	University of Nebraska: Judy Wu-Smart Assistant Professor and Extension Specialist Department of Entomology University of Nebraska-Lincoln Lincoln, NE 68583-0816 (402) 472-8696 / Fax (402) 472-4687 jwu-smart@unl.edu Nebraska Department of Agriculture Pesticide Program Tim Creger Pesticide/Fertilizer Program Manager Nebraska Department of Agriculture OFFICE 402-471-6882 Tim.creger@nebraska.gov	10/30/2019 2:18 PM
24	Matt Beal 614-728-6383.	10/30/2019 1:58 PM
25	Jerry Sauter 701-328-2980 jdsauter@nd.gov Samantha Brunner 701-328-4765 sbrunner@nd.gov	10/29/2019 7:27 PM
26	Office of the Indiana State Chemist Dave Scott Beth Carter 765-494-1492	10/29/2019 7:00 PM
27	Liza Fleeson Trossbach Program Manager Office of Pesticide Services Virginia Department of Agriculture and Consumer Services 102 Governor Street, Room LL18, Richmond VA 23219 804-371-6559 (office) 804-371-2283 (fax) liza.fleeson@vdacs.virginia.gov	10/28/2019 3:22 PM
28	Kim Skyrn, Chief Apiary Inspector kim.skyrm@mass.gov Taryn LaScola-Miner, Director Crop and Pest Services taryn.LaScola@mass.gov	10/25/2019 5:39 PM
29	John Allran and Patrick Jones - 919-733-3556	10/25/2019 2:53 PM

30	Mike Evans – Program Director, Plant Protection Mike.Evans@agr.georgia.gov	10/22/2019 2:25 PM
31	Tom Gere Assistant Director 605.773.4432	10/21/2019 8:14 PM
32	Wyoming Department of Agriculture, Technical Services Division	10/18/2019 5:13 PM
33	not applicable	10/16/2019 4:00 PM
34	Christopher Wade Christopher.wade@delaware.gov 302-698-4570	10/15/2019 3:41 PM
35	John Scott: 303-869-9056; JohnW.Scott@state.co.us	10/15/2019 3:00 PM
36	Lori Epperson, 662-325-8488	10/15/2019 2:40 PM
37	Kristopher Watson, Entomologist, Kwatson@utah.gov Henry Nahalewski, Pesticide Program Manager, hnahalewski@utah.gov	10/15/2019 2:22 PM
38	Jack Peterson, jpeterson@azda.gov, 602-542-3575	10/15/2019 2:11 PM
39	Author no longer employed by our Agency. Contact Pesticide Regulation Section at 410-841-5710	10/15/2019 12:54 PM