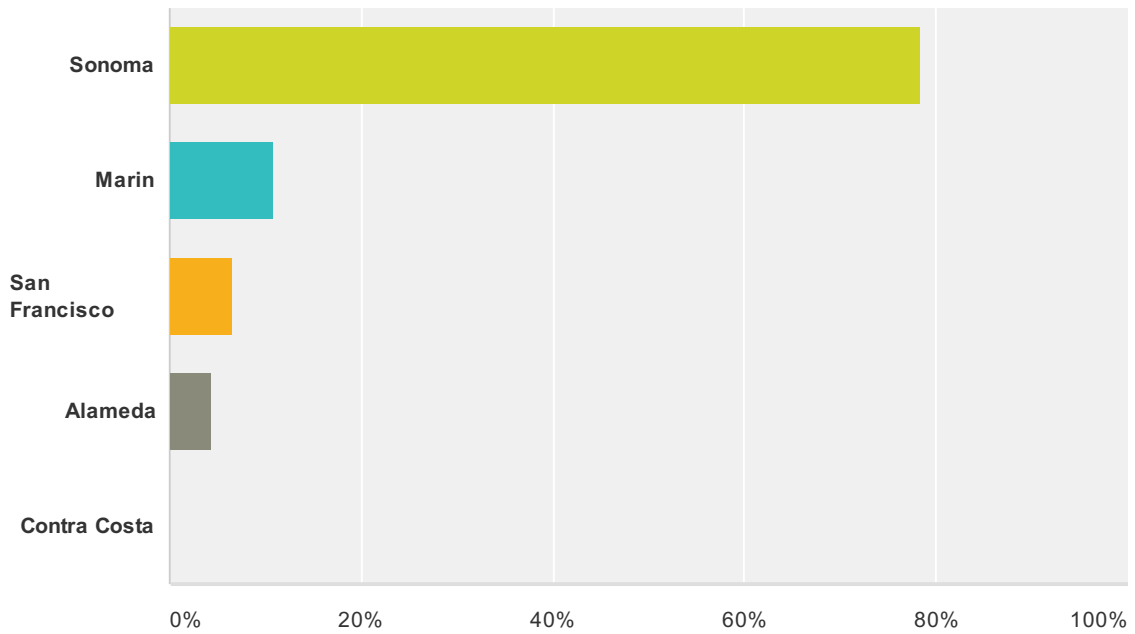


### Q1 What county do you currently live in?

Answered: 46 Skipped: 0

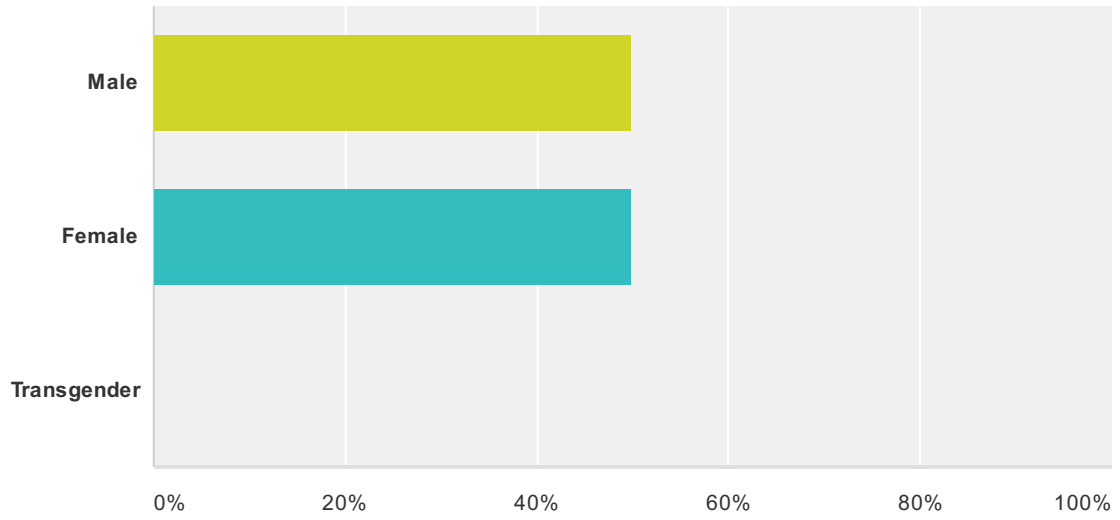


Answer Choices	Responses
Sonoma	78.26% 36
Marin	10.87% 5
San Francisco	6.52% 3
Alameda	4.35% 2
Contra Costa	0% 0
<b>Total</b>	<b>46</b>

#	Other (please specify)	Date
1	Santa Clara	1/14/2014 8:12 AM

## Q2 Are you male or female?

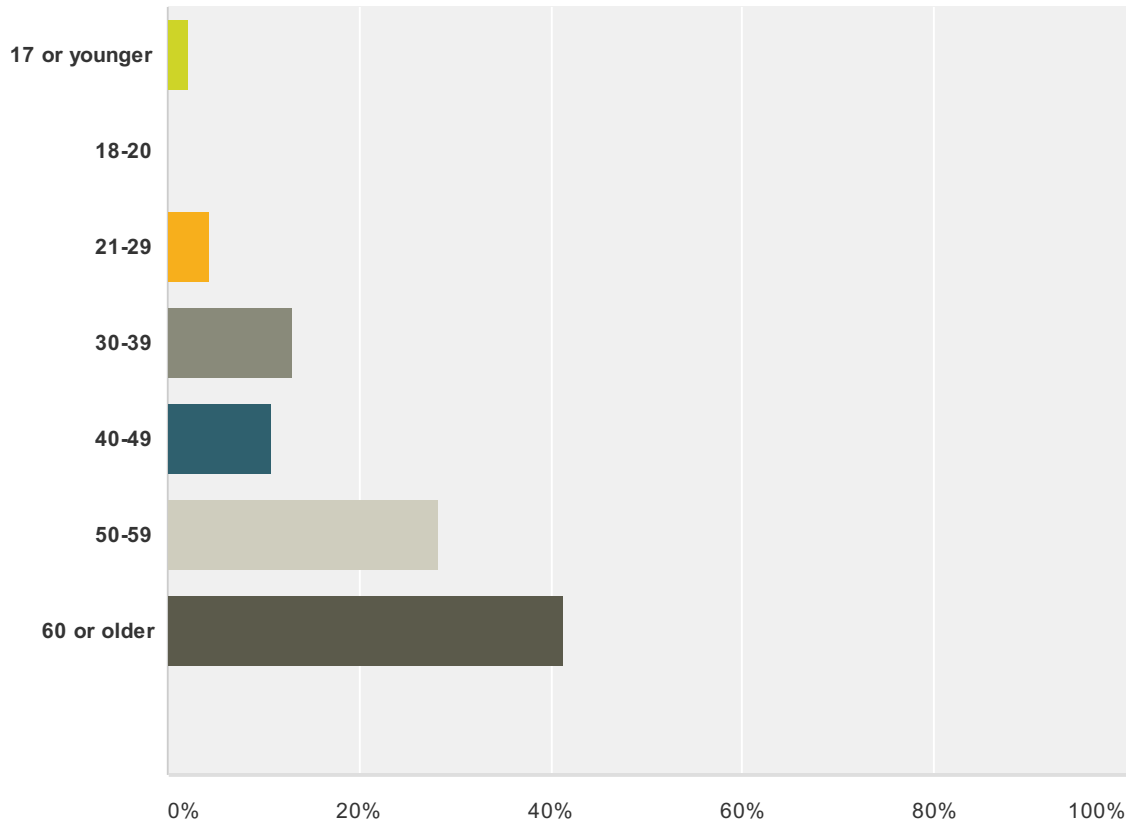
Answered: 46 Skipped: 0



Answer Choices	Responses	Count
Male	50%	23
Female	50%	23
Transgender	0%	0
<b>Total</b>		<b>46</b>

### Q3 Which category below includes your age?

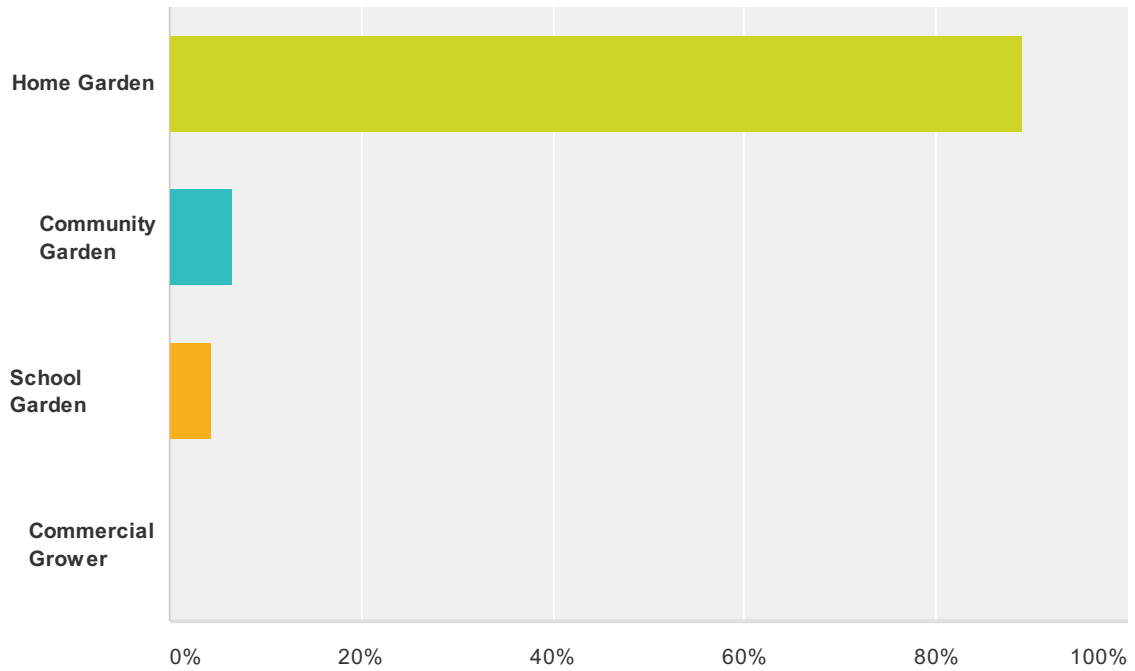
Answered: 46 Skipped: 0



Answer Choices	Responses	Count
17 or younger	2.17%	1
18-20	0%	0
21-29	4.35%	2
30-39	13.04%	6
40-49	10.87%	5
50-59	28.26%	13
60 or older	41.30%	19
I would rather not say	0%	0
<b>Total</b>		<b>46</b>

### Q4 Which garden type best describes yours? (Please choose only one.)

Answered: 45 Skipped: 1

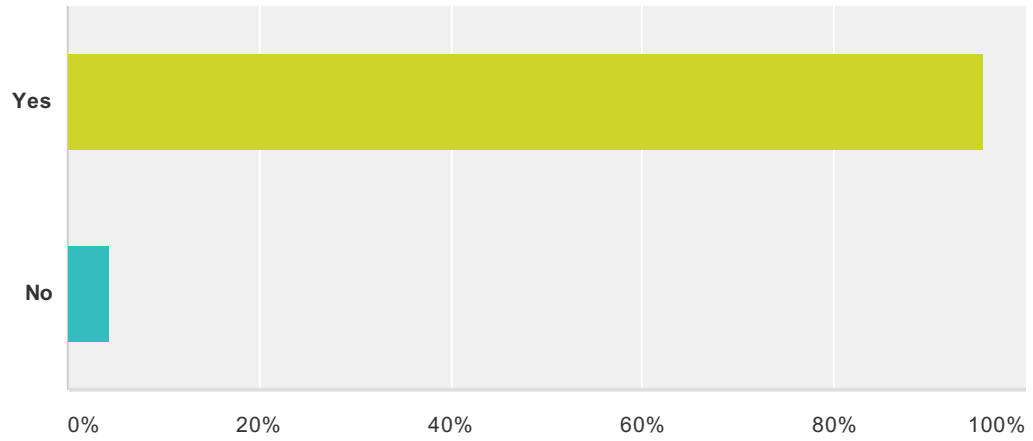


Answer Choices	Responses
Home Garden	88.89% 40
Community Garden	6.67% 3
School Garden	4.44% 2
Commercial Grower	0% 0
<b>Total Respondents: 45</b>	

#	Other (please specify)	Date
1	natural forest garden....	1/13/2014 10:29 PM

### Q5 Did you find the instructions that came with your bag of biochar/compost clear and understandable?

Answered: 45 Skipped: 1

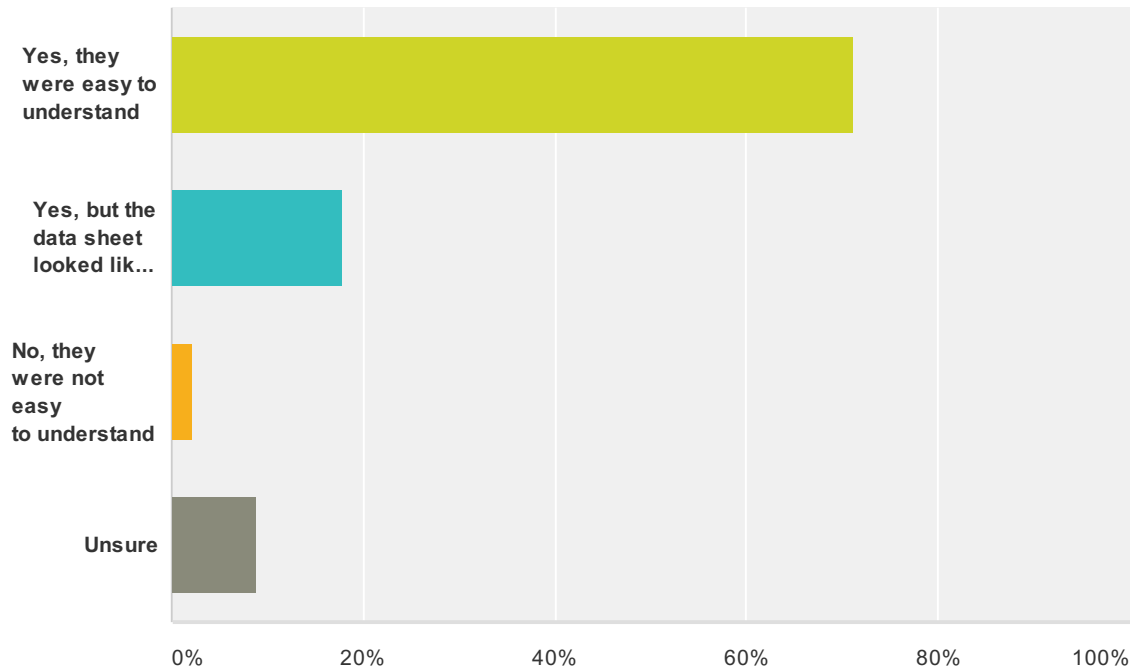


Answer Choices	Responses
Yes	95.56% 43
No	4.44% 2
<b>Total</b>	<b>45</b>

#	If not, please explain why.	Date
	There are no responses.	

### Q6 Did you find instructions for the data sheet we provided clear and understandable?

Answered: 45 Skipped: 1

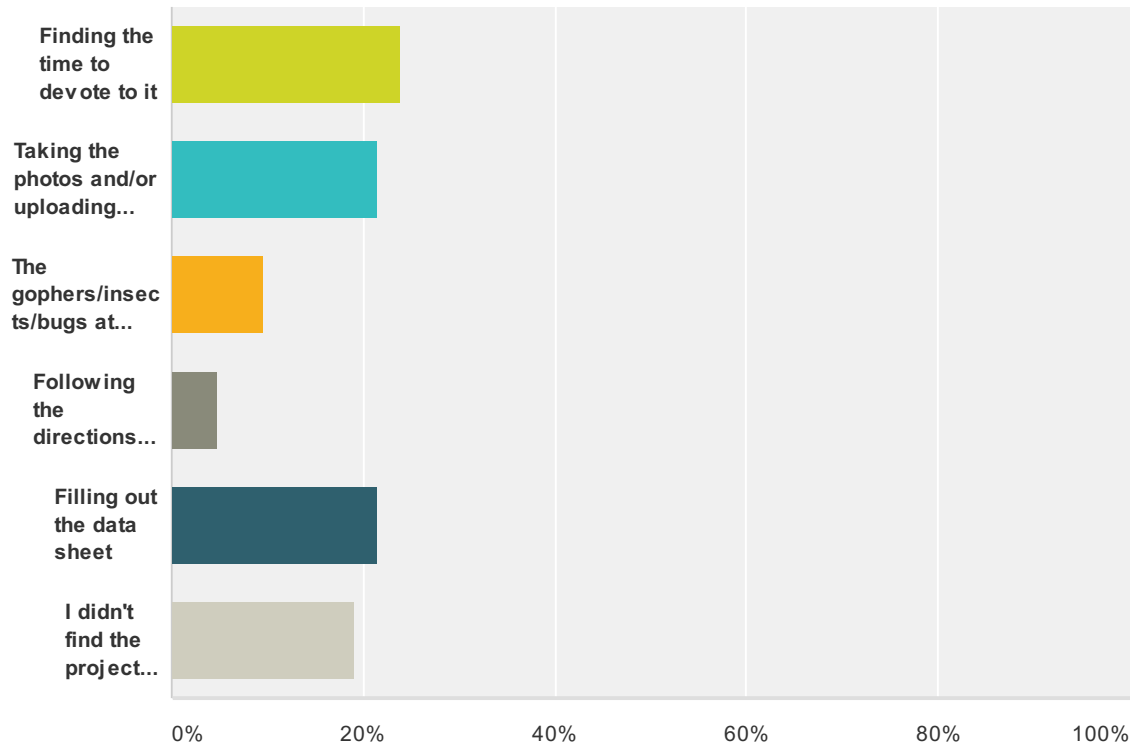


Answer Choices	Responses
Yes, they were easy to understand	71.11% 32
Yes, but the data sheet looked like it would require too much time to fill out	17.78% 8
No, they were not easy to understand	2.22% 1
Unsure	8.89% 4
<b>Total</b>	<b>45</b>

#	If no, please explain why.	Date
1	The sheet was graphically too cramped. The explanation could have been clearer.	1/15/2014 9:21 PM
2	don't recall	1/14/2014 5:24 PM
3	Don't remember	1/14/2014 11:54 AM
4	Yes, but needed to have wider columns and more horiz. space for data entries; submitted my own attachment to provide some of the required data.	1/13/2014 9:37 PM

## Q7 What was the most challenging part of the project for you?

Answered: 42 Skipped: 4



Answer Choices	Responses
Finding the time to devote to it	23.81% 10
Taking the photos and/or uploading them	21.43% 9
The gophers/insects/bugs ate my plants	9.52% 4
Following the directions for planting	4.76% 2
Filling out the data sheet	21.43% 9
I didn't find the project challenging at all	19.05% 8
<b>Total</b>	<b>42</b>

#	Other (please specify)	Date
1	I worked with folks at a community garden who didn't have the time to take photos or update a data sheet	1/19/2014 10:55 PM
2	Difficult to get side by side plots with identical plantings.	1/16/2014 8:53 PM
3	I was away and missed the critical photo dates	1/15/2014 10:02 PM
4	The plants I chose were not the best for measuring the yield of. The broccoli went to seed quickly, the kale got powdery mildew and I removed it and the tomatoes grew so vigorously they hid the potatoes. Maybe carrots, beets and potatoes next time.	1/14/2014 10:23 PM
5	gophers killed all the plants	1/14/2014 5:25 PM

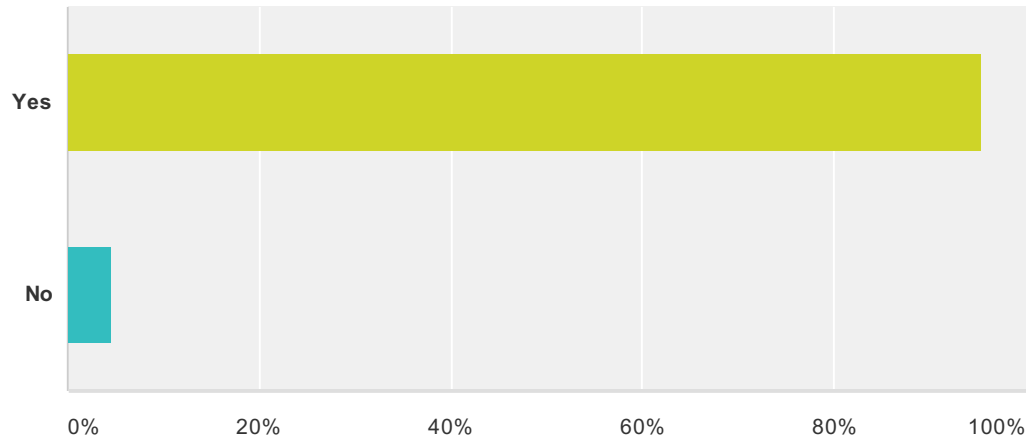
## Citizen Science Biochar Project Survey

6	Not taking the photos but uploading them. My camera quite working and i could not afford another one. I took photos from my ipod but could not take the time from work to learn how to download	1/14/2014 9:40 AM
7	our baby came 2 weeks early and sabotaged all of my gardening plans for 2013!	1/14/2014 8:41 AM
8	separately irrigating the test plot and the control plot	1/14/2014 8:14 AM
9	living abroad at the moment	1/13/2014 10:29 PM



### Q8 Did you use the biochar/compost mix in your garden?

Answered: 43 Skipped: 3

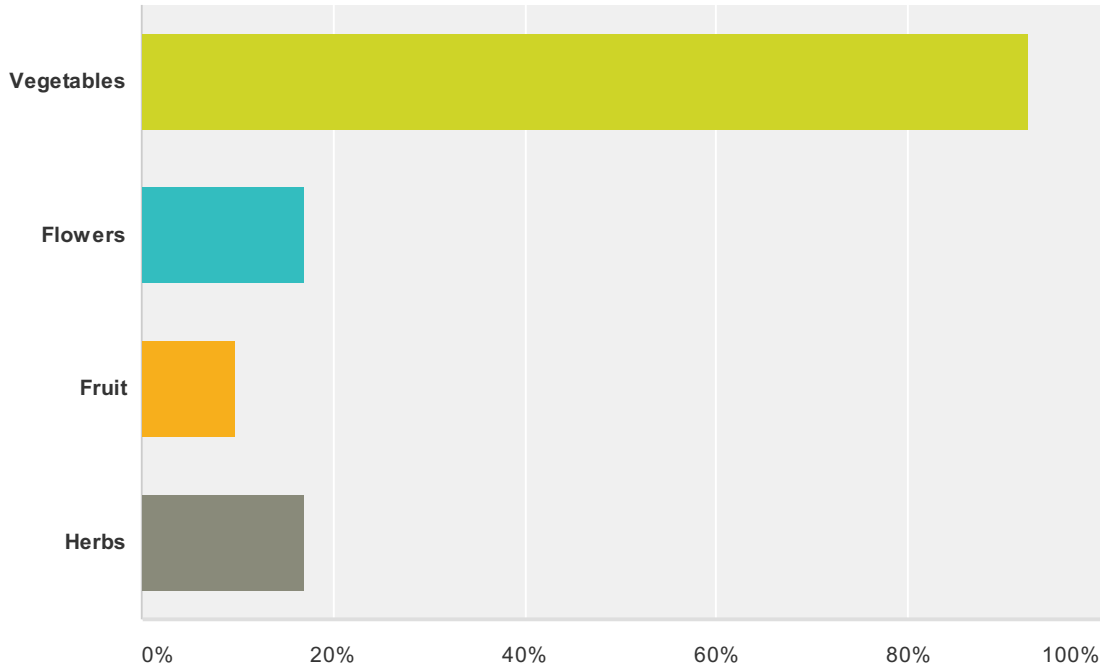


Answer Choices	Responses
Yes	95.35% 41
No	4.65% 2
<b>Total</b>	<b>43</b>

#	If not, please explain why.	Date
1	I would like to	1/13/2014 10:30 PM

### Q9 Which kind of plant (s) did you experiment with?

Answered: 41 Skipped: 5

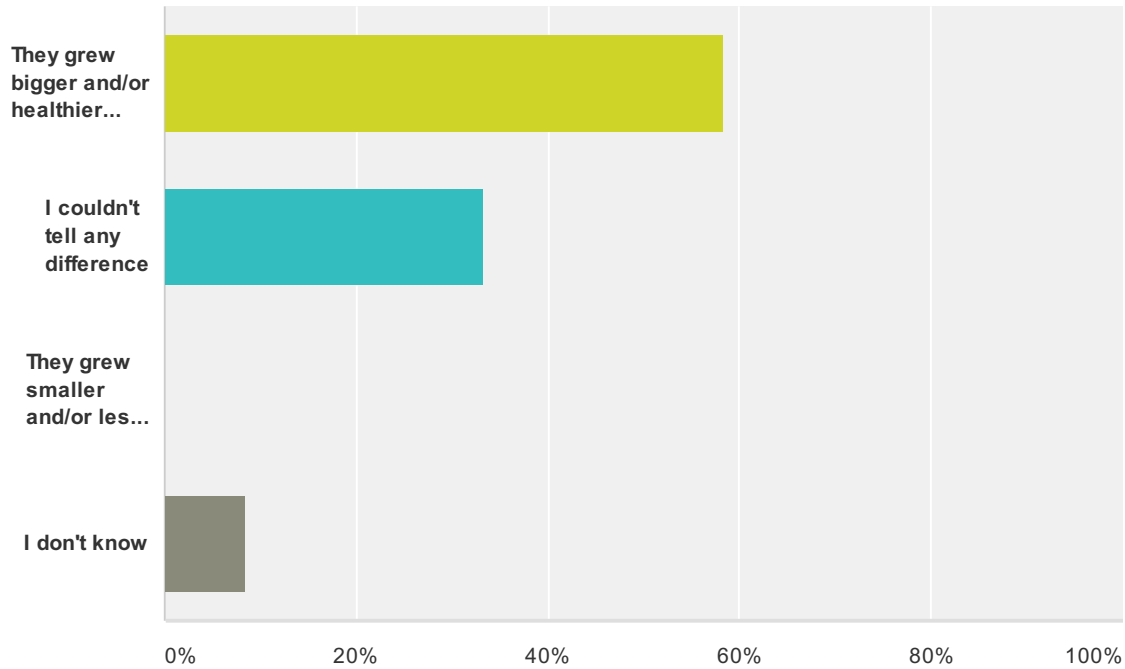


Answer Choices	Responses
Vegetables	92.68% 38
Flowers	17.07% 7
Fruit	9.76% 4
Herbs	17.07% 7
<b>Total Respondents: 41</b>	

#	Other (please specify)	Date
1	strawberries	1/15/2014 6:55 PM

### Q10 If you used the biochar/compost mix in your garden but just didn't get around to taking photos, which best describes your general observation of the plants grown in this area?

Answered: 36 Skipped: 10



Answer Choices	Responses
They grew bigger and/or healthier than similar plants elsewhere in the garden	58.33% 21
I couldn't tell any difference	33.33% 12
They grew smaller and/or less healthy than similar plants elsewhere in the garden	0% 0
I don't know	8.33% 3
<b>Total</b>	<b>36</b>

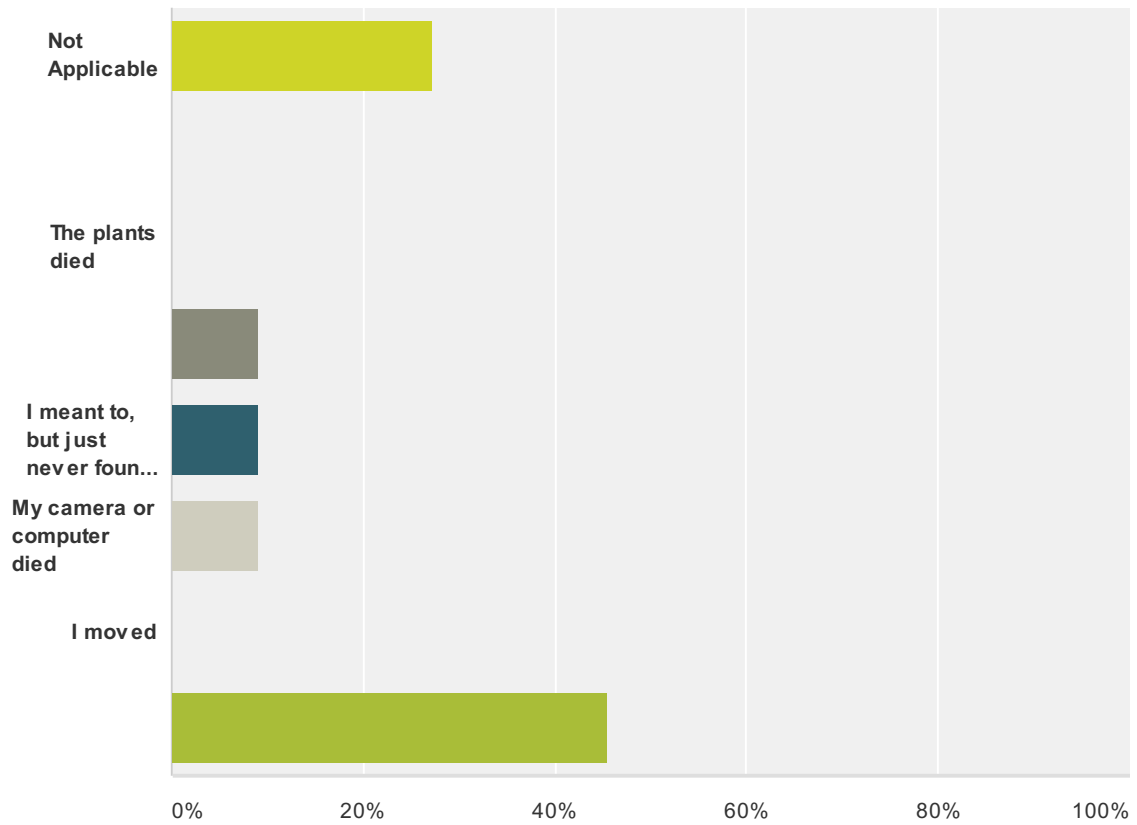
#	Any specific comments or observations you could give us would be helpful.	Date
1	I planted the same tomatoes in the biochar bed and the bed with out the biochar. The ones in the biochar bed were 3 times bigger and produced 4 times the amount of fruit.	1/20/2014 3:43 PM
2	I did submit photos	1/20/2014 12:52 PM
3	I had 3 plots one with just my regular compost - 1 with the compost and biochar and one was just a plot on ground - weedy ugly dirt - no compost - with added biochar. THAT was the one that did the best. Second best was the NO biochar plot, worst was the compost and Biochar plot.	1/16/2014 5:29 PM
4	The reason I did not send in photos was because I live on a sheep ranch and the sheep broke into the garden unfortunately. Therefore the experiment was not able to be completed.	1/15/2014 6:55 PM
5	Gophers ate all the plants	1/14/2014 5:26 PM
6	It wasn't the size of the vegetables as much as the quantity produced.	1/14/2014 9:31 AM
7	Actually, the control group grew almost as healthy and big, but took longer to do it. The biochar	1/14/2014 9:23 AM

## Citizen Science Biochar Project Survey

	<p>Actually, the control group grew almost as healthy and big, but took longer to do it. The biochar group grew faster. Since the biochar was reportedly activated with fertilizer I'm not surprised – the other side had no fertilizer at all.</p>	<p>1/17/2014 5:25 AM</p>
<p>8</p>	<p>The biochar side looked more robust initially, but at the end of the season, plot growth appeared to be the same in biochar and control plots.</p>	<p>1/13/2014 6:43 PM</p>
<p>9</p>	<p>Unfortunately, deer got to the biochar tomato plant early on and squash bugs got to the giant pumpkins. The pumpkins didn't survive. The tomato plants ended up about the same size in the long run.</p>	<p>1/13/2014 6:23 PM</p>
<p>10</p>	<p>They dealt with drought better too. If I didn't get around to watering regularly, the control plants wilted but the biochar plants still looked good.</p>	<p>1/13/2014 6:13 PM</p>

### Q11 If you didn't contribute photos or observations to the study, which of the following best describes why?

Answered: 11 Skipped: 35



Answer Choices	Responses
Not Applicable	27.27% 3
I just never got around to planting this year	0% 0
The plants died	0% 0
The plants got eaten by gophers/insects/bugs	9.09% 1
I meant to, but just never found the time to document the plot	9.09% 1
My camera or computer died	9.09% 1
I moved	0% 0
Other (Please explain below)	45.45% 5
<b>Total</b>	<b>11</b>

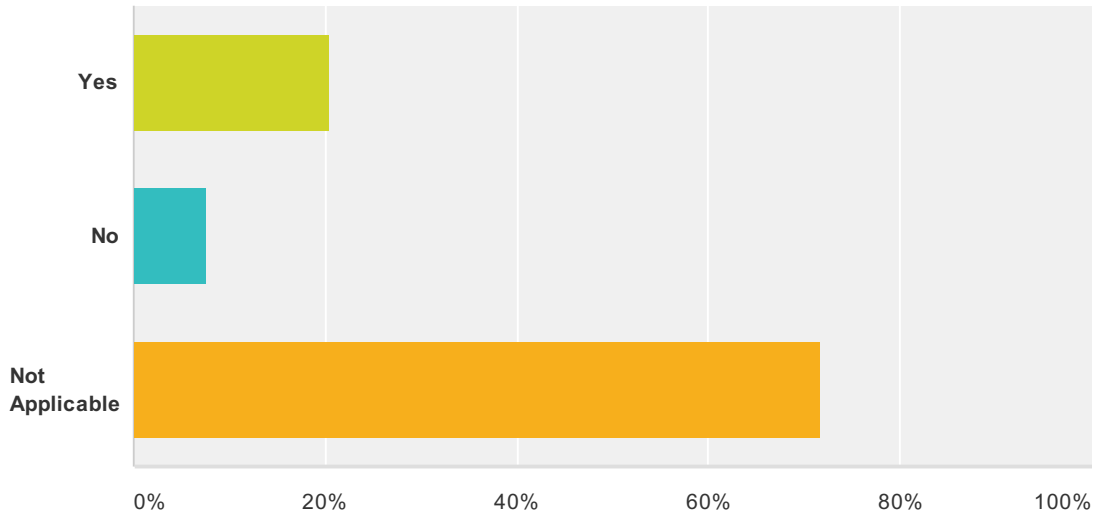
#	Please add any comments you might have	Date
1	I did submit photos	1/20/2014 12:52 PM
2	The community garden had to move	1/19/2014 10:56 PM
3	I did, but this question was required	1/17/2014 10:58 AM

## Citizen Science Biochar Project Survey

4	I only did not submit the last set of photos because i got too busy at work/life :(	1/16/2014 5:30 PM
5	I was on vacation & missed the critical dates	1/15/2014 10:04 PM
6	I did contribute photos	1/15/2014 9:22 PM
7	lost camera	1/15/2014 6:56 PM
8	I submitted photos but neglected to take the time to fill out the data sheet because I didn't do a good job of regular documentation of watering schedule etc. overall I thought the biochar plants were bigger than the control plot.	1/15/2014 6:19 PM

### Q12 If you were not able to use the biochar in your garden in 2013, will you be able to in 2014?

Answered: 39 Skipped: 7



Answer Choices	Responses
Yes	20.51% 8
No	7.69% 3
Not Applicable	71.79% 28
<b>Total</b>	<b>39</b>

#	If not, please explain why.	Date
1	I'm not managing the aquaponic system anymore	1/17/2014 10:58 AM
2	Actually, I'm planning on helping my mother setup a hugelkulture garden bed. Much like biochar, but more long-term and doesn't require burning.	1/14/2014 9:25 AM
3	Because of the success of the biochar experiment, I have added biochar (purchased at Sonoma Compost) to all my vegetable beds.	1/14/2014 8:01 AM

# Citizen Science Biochar Project Survey

## Q13 Please give us any additional feedback you have about the 2013 Citizen Science Project.

Answered: 28 Skipped: 18

#	Responses	Date
1	I put biochar in many parts of my garden and, with exception of my basil plants, every it was used we had better production from our vegetables. This next year I plan to expand the use to several flower beds.	1/20/2014 3:45 PM
2	It was a worthwhile experiment with clear results. And I would really like to purchase more Biochar.	1/20/2014 12:53 PM
3	I think it was really cool! I like the idea of offering a manageable science project to every-day gardeners.	1/17/2014 10:59 AM
4	It was awesome :)	1/16/2014 5:30 PM
5	I will do the same project again in the 2 beds to see if the biochar makes a difference in the second year. I may add more biochar.	1/15/2014 9:24 PM
6	I appreciated being a part if it but felt bad I didn't fulfill my end of the bargain by submitting the final piece/data sheet.	1/15/2014 6:21 PM
7	Easy to do. We would like to continue to use biochar to enhance our garden.	1/15/2014 3:37 PM
8	I loved the experiment and the product. Biochar appeared to make a significant difference in the size and health of the plants so now I'm using it in the entire bed for a winter crop and next season.	1/15/2014 11:12 AM
9	It was an excellent project. Thanks for doing it!	1/15/2014 9:03 AM
10	I would use biochar every year if it were readily available.	1/15/2014 8:35 AM
11	I got 4 bags of biochar from Sonoma Compost and plan to use it in my garden this summer.	1/14/2014 10:24 PM
12	The water usage for my veg.garden was minimal and the biochar treated plants did much better. I last about 40% of the non treated plants.	1/14/2014 10:52 AM
13	The small plot that was created for this project did show noticeable differences in plant size and quantity produced in the 2012 growing season. Happy with the results especially with the observed assistance in water retention.	1/14/2014 9:45 AM
14	Biochar sounds cool, but the wood could just be composted for similar effect. Takes longer of course, and some woods won't work -- must be burned instead.	1/14/2014 9:26 AM
15	Thank you for your coordination efforts. I appreciate it.	1/14/2014 9:22 AM
16	I began with uploading photos and then realized that I was watering incorrectly and thought my data would mess the results up from others who did the experiment correct. So I did not submit any data sheets or photos.	1/14/2014 8:45 AM
17	Thank you for doing this!	1/14/2014 8:41 AM
18	the soil in my plots is generally excellent, and the biochar plot did not look any different from the control plot. to do the experiment, as it was designed, was to observe the difference in the amount of irrigation required. I found this extremely hard to observe, because In my garden both plots got approximately the same amount of water, and both plots looked similar throughout the season.	1/14/2014 8:24 AM
19	It was a great opportunity to see first-hand the benefits of biochar.	1/14/2014 8:01 AM
20	how about the drought??	1/13/2014 10:30 PM
21	It was an excellent experiment which I thoroughly enjoyed and learned from; if repeated in 2014, I would sign up.	1/13/2014 9:42 PM
22	The control and experimental plot areas were rather small and therefore you could not have very many plants in either plot. By the time the bugs/insects got their share there was only one viable plant in each plot.	1/13/2014 8:32 PM



## Citizen Science Biochar Project Survey

23	Thank you for the opportunity !	1/13/2014 7:08 PM
24	Might be easier for you to ask people to put yardstick in the photos. I appreciated the chance to participate.	1/13/2014 6:44 PM
25	I will use biochar in the future. I'm sorry I couldn't provide more information.	1/13/2014 6:24 PM
26	yea, you!	1/13/2014 6:24 PM
27	I had a medical issue from July through November that took up a lot of my time, so I didn't submit my final photos and feedback. My apologies.	1/13/2014 6:15 PM
28	It was awesome. I'm sold!	1/12/2014 6:21 PM

## Q14 Gender

Answered: 0 Skipped: 46

! No matching responses.

Answer Choices	Responses
Male	0% 0
Female	0% 0
<b>Total</b>	<b>0</b>

# Citizen Science Biochar Project Survey

## Q15 Age

Answered: 0 Skipped: 46

! No matching responses.

Answer Choices	Responses
< 18	0% 0
18-29	0% 0
30-44	0% 0
45-60	0% 0
> 60	0% 0
<b>Total</b>	<b>0</b>

## Q16 Household Income

Answered: 0 Skipped: 46

! No matching responses.

Answer Choices	Responses
\$0 - \$24,999	0% 0
\$25,000 - \$49,999	0% 0
\$50,000 - \$99,999	0% 0
\$100,000 - \$149,999	0% 0
\$150,000+	0% 0
<b>Total</b>	<b>0</b>

### Q17 Education

Answered: 0 Skipped: 46

! No matching responses.

Answer Choices	Responses
Less than high school degree	0% 0
High school degree	0% 0
Some college	0% 0
Associate or bachelor degree	0% 0
Graduate degree	0% 0
<b>Total</b>	<b>0</b>

### Q18 Location (Census Region)

Answered: 0 Skipped: 46

! No matching responses.

Answer Choices	Responses
New England	0% 0
Middle Atlantic	0% 0
East North Central	0% 0
West North Central	0% 0
South Atlantic	0% 0
East South Central	0% 0
West South Central	0% 0
Mountain	0% 0
Pacific	0% 0
<b>Total</b>	<b>0</b>