#### **Untitled**

Current run (last updated Jan 24, 2022 12:29pm)

44

20

18



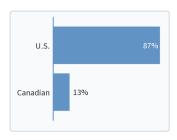
**Activities** 

**Participants** 

**Average responses** 

Average engagement

#### Are you a U.S. or Canadian Seed Grower



Response options
U.S.

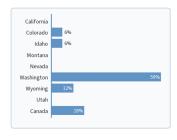
Canadian

Correct	Count	Percentage
<b>~</b>	13	87%
<b>~</b>	2	13%



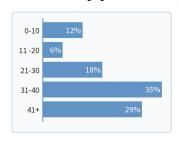
15 Responses

#### Where are you from?



Response options	Correct	Count	Percentage
California	<b>~</b>	0	0%
Colorado	<b>✓</b>	1	6%
Idaho	<b>✓</b>	1	6%
Montana	<b>✓</b>	0	0%
Nevada	<b>✓</b>	0	0%
Washington	<b>✓</b>	10	59%
Wyoming	<b>✓</b>	2	12%
Utah	<b>✓</b>	0	0%
Canada	<b>~</b>	3	18%

#### How many years has your operation raised alfalfa seed?



Correct	Count	Percentage
<b>✓</b>	2	12%
<b>✓</b>	1	6%
<b>✓</b>	3	18%
<b>✓</b>	6	35%
<b>✓</b>	5	29%
	<td><ul> <li>2</li> <li>1</li> <li>3</li> <li>6</li> </ul></td>	<ul> <li>2</li> <li>1</li> <li>3</li> <li>6</li> </ul>

## Is alfalfa seed your main crop?



Response options	Correct	Count	Percentage
Yes	<b>~</b>	9	50%
No	<b>✓</b>	9	50%

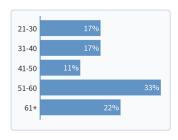


Engagement

Responses

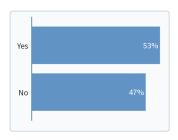
**L**8 Responses

## What is your age?



Response options	Correct	Count	Percentage	0004
21-30	<b>✓</b>	3	17%	90%
31-40	<b>✓</b>	3	17%	Engagement
41-50	<b>✓</b>	2	11%	
51-60	<b>✓</b>	6	33%	18
61+	<b>~</b>	4	22%	Responses

#### Do you have a son/daughter/family member planning to succeed you?



Response options	Correct	Count	Percentage
Yes	<b>✓</b>	9	53%
No	<b>✓</b>	8	47%



**L** / Responses

## What form of farming operation do you have?

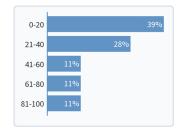


Response options	Correct	Count	Percentage
Sole Proprietorship	<b>~</b>	4	21%
Partnership	<b>~</b>	3	16%
Corporation	<b>~</b>	12	63%



19 Responses

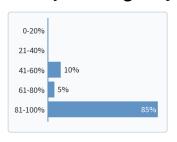
# What percent of your farm will be planted to alfalfa seed in 2022?



Response options	Correct	Count	Percentage
0-20	<b>~</b>	7	39%
21-40	<b>~</b>	5	28%
41-60	<b>✓</b>	2	11%
61-80	<b>~</b>	2	11%
81-100	<b>✓</b>	2	11%

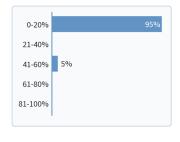
90%
Engagement

#### What percentage of your crop is proprietary seed?



Response options	Correct	Count	Percentage
0-20%	<b>~</b>	0	0%
21-40%	<b>~</b>	0	0%
41-60%	<b>~</b>	2	10%
61-80%	<b>~</b>	1	5%
81-100%	<b>~</b>	17	85%

## What percentage of your crop is common seed?



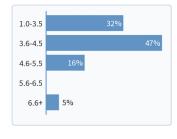
Response options	Correct	Count	Percentage
0-20%	<b>✓</b>	19	95%
21-40%	<b>~</b>	0	0%
41-60%	<b>✓</b>	1	5%
61-80%	<b>✓</b>	0	0%
81-100%	<b>✓</b>	0	0%



Engagement

Responses

## How many gallons of bees/ac?



Response options	Correct	Count	Percentage
1.0-3.5	<b>~</b>	6	32%
3.6-4.5	<b>~</b>	9	47%
4.6-5.5	<b>~</b>	3	16%
5.6-6.5	<b>~</b>	0	0%
6.6+	<b>✓</b>	1	5%

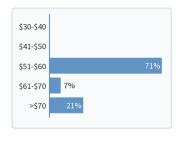
95%
Engagement
19

#### Where do you buy your bees?



Response options	Correct	Count	Percentage
Canada	<b>~</b>	15	79%
Idaho	<b>~</b>	2	11%
Wyoming	<b>~</b>	0	0%
Montana	<b>~</b>	0	0%
Other	<b>✓</b>	2	11%

## What did you pay for bees in 2021 (\$/gal)?



Response options	Correct	Count	Percentage
\$30-\$40	<b>✓</b>	0	0%
\$41-\$50	<b>✓</b>	0	0%
\$51-\$60	<b>✓</b>	10	71%
\$61-\$70	<b>✓</b>	1	7%
>\$70	<b>✓</b>	3	21%



Engagement

Responses

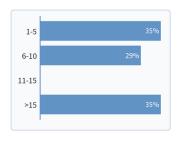
## What do you expect to pay for bees in 2022 (\$/gal)?



Response options	Correct	Count	Percentage
\$60-\$80	<b>✓</b>	3	16%
\$81-\$100	<b>✓</b>	0	0%
\$101-\$120	<b>✓</b>	5	26%
>\$120	<b>~</b>	11	58%



#### How many full time/year around employees do you have?

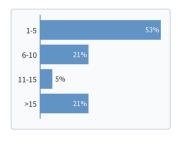


Response options	Correct	Count	Percentage
1-5	<b>~</b>	6	35%
6-10	<b>~</b>	5	29%
11-15	<b>✓</b>	0	0%
>15	<b>✓</b>	6	35%



**L** I Responses

#### How many part time/seasonal employees do you have?

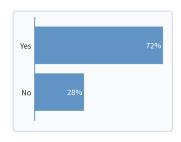


Response options	Correct	Count	Percentage
1-5	<b>~</b>	10	53%
6-10	<b>~</b>	4	21%
11-15	<b>~</b>	1	5%
>15	~	4	21%



19 Responses

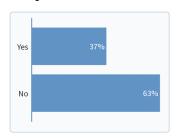
#### Do you have salaried employees?



Response options	
Yes	
No	



#### Do you offer health insurance to your employees?

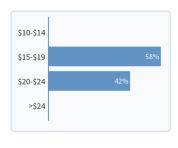


Response options	Correct	Count	Percentage
Yes	<b>✓</b>	7	37%
No	<b>~</b>	12	63%

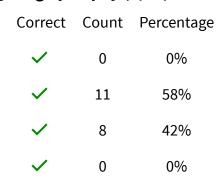


19 Responses

#### What would you estimate is the average hourly wage you pay (\$/hr)?



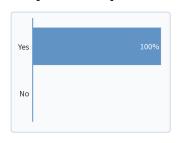
Response options
\$10-\$14
\$15-\$19
\$20-\$24
>\$24





19 Responses

## Do you sweep before spraying fields?

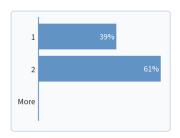


Response options	,
Yes	
No	

Correct	Count	Percentage
<b>✓</b>	18	100%
<b>✓</b>	0	0%



#### How many pre bloom (cleanup) sprays?



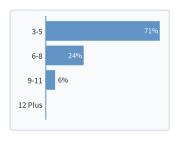
Response options
1
2
More

Correct	Count	Percentage
<b>✓</b>	7	39%
<b>✓</b>	11	61%
<b>✓</b>	0	0%



18 Responses

## Avg. number of insecticide sprays in 2021?



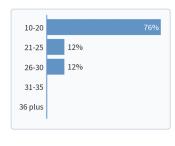
Response options					
3-5					
6-8					
9-11					
12 Plus					

Correct	Count	Percentage
<b>✓</b>	12	71%
<b>✓</b>	4	24%
<b>✓</b>	1	6%
<b>✓</b>	0	0%



17 Responses

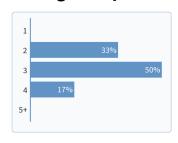
# Gallons of water per acre when applying insecticides?



Response options	Correct	Count	Percentage
10-20	<b>~</b>	13	76%
21-25	<b>~</b>	2	12%
26-30	<b>~</b>	2	12%
31-35	<b>~</b>	0	0%
36 plus	<b>✓</b>	0	0%

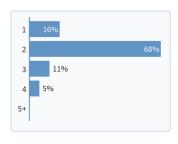


## Average lifespan of a field?



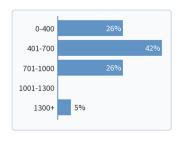
Response options	Correct	Count	Percentage	000/
1	<b>✓</b>	0	0%	90%
2	<b>✓</b>	6	33%	Engagement
3	<b>✓</b>	9	50%	
4	<b>✓</b>	3	17%	18
5+	<b>✓</b>	0	0%	Responses

# What year is the most productive?



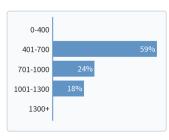
Response options	Correct	Count	Percentage	050/
1	<b>✓</b>	3	16%	95%
2	<b>✓</b>	13	68%	Engagement
3	<b>✓</b>	2	11%	
4	<b>✓</b>	1	5%	19
5+	<b>~</b>	0	0%	Responses

## 2021 Yields/ac (clean seed)



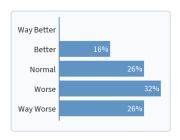
Response options	Correct	Count	Percentage	0.50
0-400	<b>✓</b>	5	26%	95%
401-700	<b>✓</b>	8	42%	Engagement
701-1000	<b>✓</b>	5	26%	
1001-1300	<b>✓</b>	0	0%	19
1300+	~	1	5%	Responses

#### What yield will you need to achieve to break even (lbs/ac) in 2022?



Response options	Correct	Count	Percentage
0-400	<b>~</b>	0	0%
401-700	<b>~</b>	10	59%
701-1000	<b>~</b>	4	24%
1001-1300	<b>~</b>	3	18%
1300+	<b>✓</b>	0	0%

## Yield/ac (2021 vs historic)



Response options	Correct	Count	Percentage
Way Better	<b>~</b>	0	0%
Better	<b>✓</b>	3	16%
Normal	<b>✓</b>	5	26%
Worse	<b>✓</b>	6	32%
Way Worse	<b>~</b>	5	26%



Engagement

Responses

19

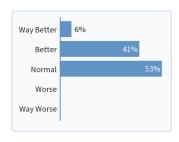
Responses

## Lygus Pressure (2021 vs historic)



•				
Response options	Correct	Count	Percentage	050/
Way Better	<b>✓</b>	2	12%	85%
Better	<b>✓</b>	4	24%	Engagement
Normal	<b>✓</b>	11	65%	
Worse	<b>✓</b>	0	0%	17
Way Worse	<b>~</b>	0	0%	Responses

#### **Aphid Pressure (2021 vs historic)**



Response options	Correct	Count	Percentage	950/
Way Better	<b>✓</b>	1	6%	85%
Better	<b>✓</b>	7	41%	Engagement
Normal	<b>~</b>	9	53%	
Worse	<b>~</b>	0	0%	17
Way Worse	<b>✓</b>	0	0%	Responses

## Mite Pressure (2021 vs historic)



Response options	Correct	Count	Percentage
Way Better	<b>~</b>	1	6%
Better	<b>~</b>	5	31%
Normal	<b>~</b>	9	56%
Worse	<b>~</b>	1	6%
Way Worse	<b>✓</b>	0	0%



**LO**Responses

## Weed Pressure (2021 vs historic)



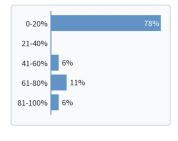
Response options	Correct	Count	Percentage	000/
Way Better	<b>✓</b>	1	6%	80%
Better	<b>✓</b>	1	6%	Engagement
Normal	<b>✓</b>	9	56%	
Worse	<b>~</b>	2	13%	16
Way Worse	<b>✓</b>	3	19%	Responses

#### What were your production costs (\$/ac) in 2021?

\$0-1000	20%
\$1001-1300	40%
\$1301-1600	40%
\$1601-1900	
\$1900+	

Response options	Correct	Count	Percentage	750/
\$0-1000	<b>✓</b>	3	20%	75%
\$1001-1300	<b>✓</b>	6	40%	Engagement
\$1301-1600	<b>~</b>	6	40%	
\$1601-1900	<b>~</b>	0	0%	15
\$1900+	<b>~</b>	0	0%	Responses

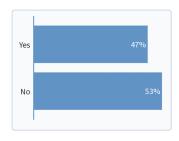
## What percent of your alfalfa seed production is technology (RR, HX)?



Response options	Correct	Count	Percentage
0-20%	<b>✓</b>	14	78%
21-40%	<b>✓</b>	0	0%
41-60%	<b>✓</b>	1	6%
61-80%	<b>✓</b>	2	11%
81-100%	<b>✓</b>	1	6%



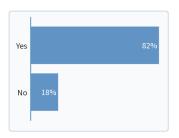
## Do you use aerial technology such as drones or satellite imagery on your farm?



Response options	Correct	Count	Percentage
Yes	<b>✓</b>	8	47%
No	<b>✓</b>	9	53%



#### Do you use on-farm weather monitoring?



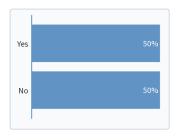
Response options
Yes
No

Correct	Count	Percentage		
<b>✓</b>	14	82%		
<b>~</b>	3	18%		



1 / Responses

## Do you have temperature/alert monitoring in your bee incubators?



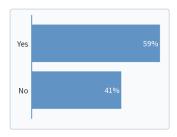
Response options	
Yes	
No	

Correct	Count	Percentage	
<b>✓</b>	9	50%	
<b>✓</b>	9	50%	



18 Responses

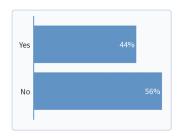
# Do you require quality data prior to purchasing leaf cutter bees?



Response options
Yes
No



# Do you independently test LCBs after delivery to verify the analysis provided by the seller?

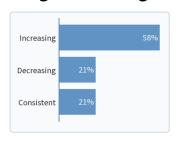


Response options	Correct	Count	Percentage
Yes	<b>✓</b>	8	44%
No	<b>✓</b>	10	56%



18 Responses

## Long term acreage trends: is your acreage.....?



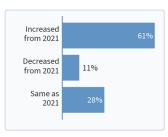
Response options	Correct	Count	Percentage
Increasing	<b>~</b>	11	58%
Decreasing	<b>✓</b>	4	21%
Consistent	<b>~</b>	4	21%

19

Engagement

Responses

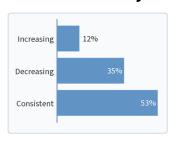
#### In 2022 my acres will be...



Response options	Correct	Count	Percentage
Increased from 2021	<b>✓</b>	11	61%
Decreased from 2021	<b>✓</b>	2	11%
Same as 2021	<b>~</b>	5	28%



#### Yield trends: do you feel your yields are....?

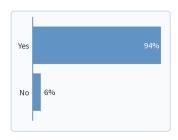


Response options	Correct	Count	Percentage
Increasing	<b>✓</b>	2	12%
Decreasing	<b>✓</b>	6	35%
Consistent	<b>~</b>	9	53%



**L** / Responses

## Is there value in conducting this survey each year?

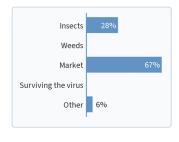


Response options	Correct	Count	Percentage
Yes	<b>~</b>	16	94%
No	<b>~</b>	1	6%



17
Responses

# End of the day: Your biggest concern?



Response options	Correct	Count	Percentage
Insects	<b>~</b>	5	28%
Weeds	<b>~</b>	0	0%
Market	<b>~</b>	12	67%
Surviving the virus	<b>~</b>	0	0%
Other	<b>~</b>	1	6%



18