

## Q1 Name of applicant

Answered: 570 Skipped: 32

**Q2 What is your email address? (IDALS may provide additional resources, information on field days, and/or other opportunities related to cover crops).**

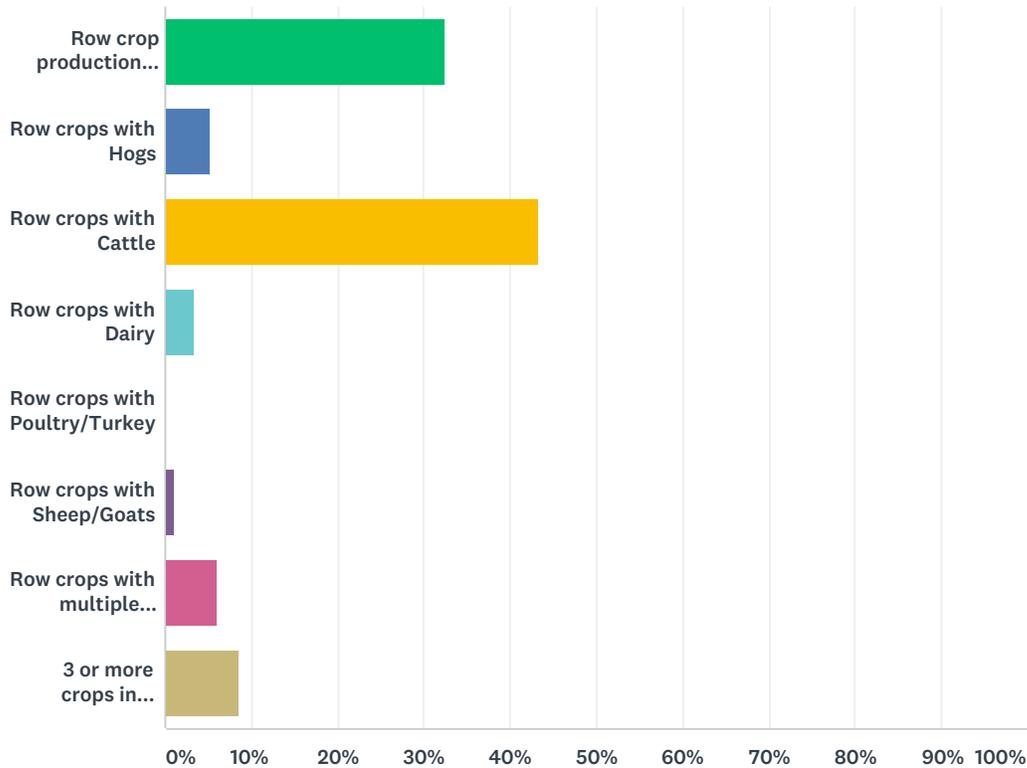
Answered: 288 Skipped: 314

**Q3 FARMS ID (if IDALS funded), use EQIP/CSP if NRCS funded, N/A if non-gov't assistance.**

Answered: 602 Skipped: 0

## Q4 What best describes your farm operation?

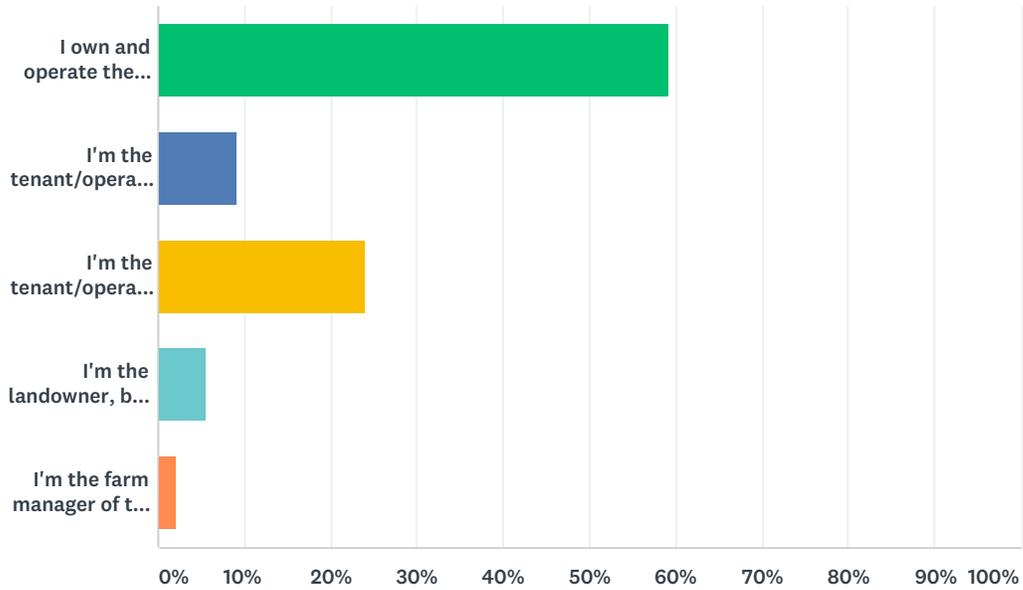
Answered: 602 Skipped: 0



ANSWER CHOICES	RESPONSES	
Row crop production (corn/soybeans) - no livestock	32.39%	195
Row crops with Hogs	5.15%	31
Row crops with Cattle	43.36%	261
Row crops with Dairy	3.32%	20
Row crops with Poultry/Turkey	0.00%	0
Row crops with Sheep/Goats	1.00%	6
Row crops with multiple livestock enterprises	6.15%	37
3 or more crops in rotation (corn, soy, small grains, alfalfa, etc)	8.64%	52
<b>TOTAL</b>		<b>602</b>

## Q5 Which of the following best describes the area(s) you seeded to cover crops?

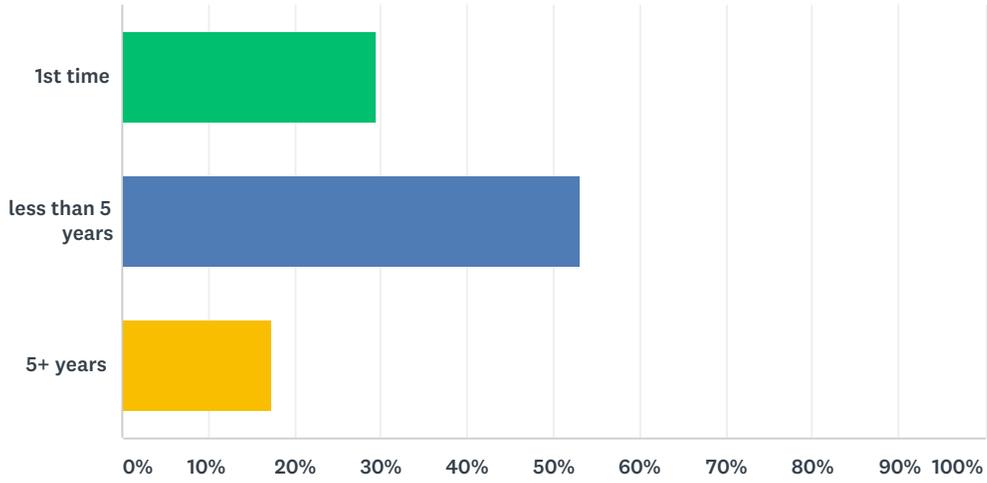
Answered: 592 Skipped: 10



ANSWER CHOICES	RESPONSES	
I own and operate the fields seeded to cover crops.	59.12%	350
I'm the tenant/operator on the fields seeded to cover crops, the landowner requested cover crops be added to their fields.	9.29%	55
I'm the tenant/operator on the fields seeded to cover crops, the landowner did not request cover crops be added to their fields.	23.99%	142
I'm the landowner, but do not operate the fields seeded to cover crops (cash rental agreement)	5.57%	33
I'm the farm manager of the fields seeded to cover crops	2.03%	12
<b>TOTAL</b>		<b>592</b>

## Q6 What is your experience in using cover crops?

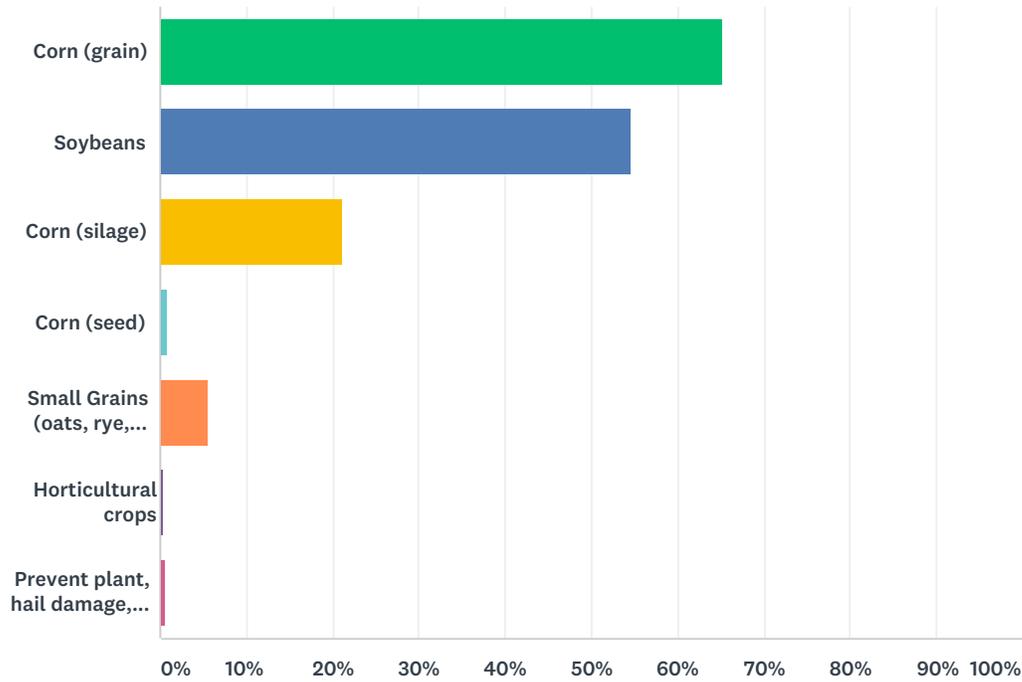
Answered: 602 Skipped: 0



ANSWER CHOICES	RESPONSES	
1st time	29.40%	177
less than 5 years	53.16%	320
5+ years	17.44%	105
TOTAL		602

## Q7 What crop(s) did you seed cover crops into in 2018?:

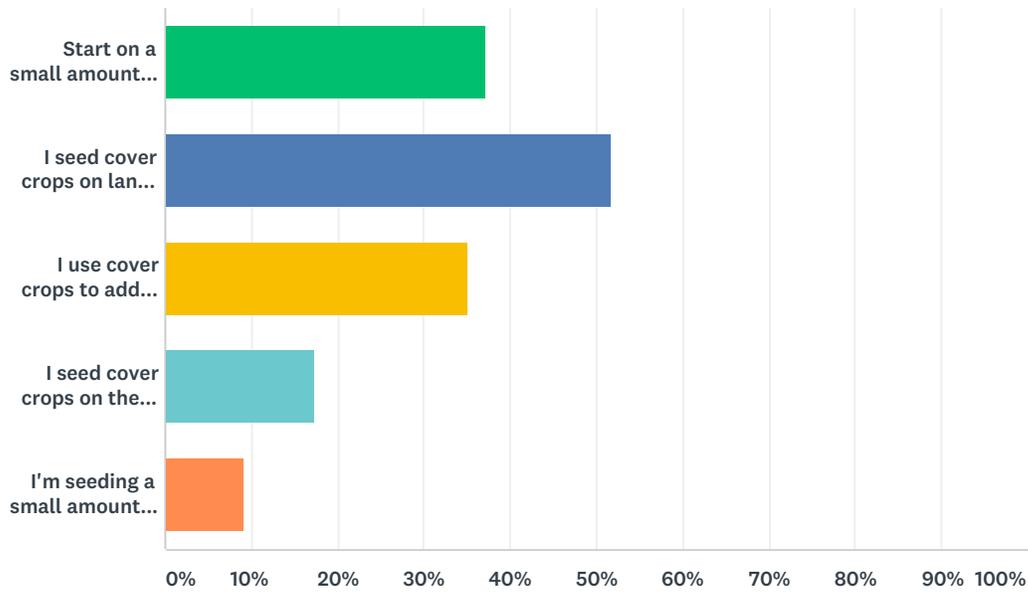
Answered: 602 Skipped: 0



ANSWER CHOICES	RESPONSES	
Corn (grain)	65.28%	393
Soybeans	54.65%	329
Corn (silage)	21.10%	127
Corn (seed)	0.83%	5
Small Grains (oats, rye, wheat, etc)	5.65%	34
Horticultural crops	0.33%	2
Prevent plant, hail damage, flooded acres, etc.	0.66%	4
Total Respondents: 602		

### Q8 What best describes your approach to using cover crops? (check all that apply)

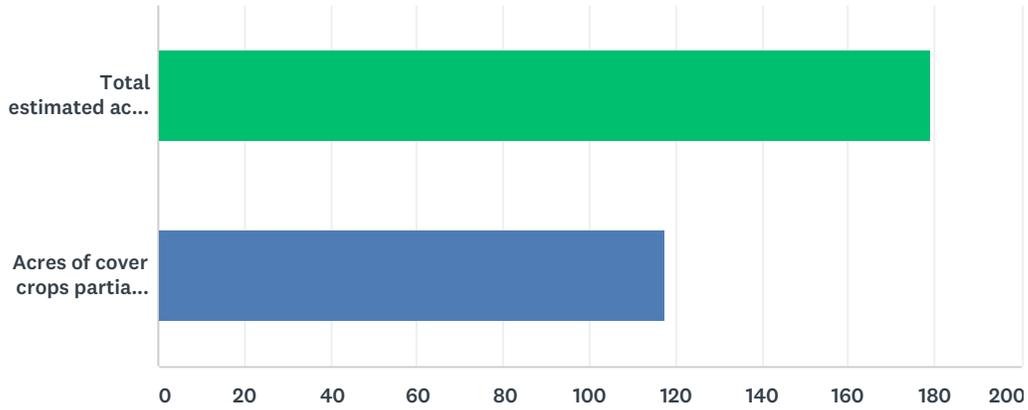
Answered: 579 Skipped: 23



ANSWER CHOICES	RESPONSES	
Start on a small amount of acres and add more acres every year.	37.31%	216
I seed cover crops on land with more erosive potential	51.64%	299
I use cover crops to add a supplemental feed source for livestock.	35.06%	203
I seed cover crops on the majority of acres in my operation.	17.44%	101
I'm seeding a small amount of acres before expanding acreage	9.15%	53
Total Respondents: 579		

**Q9 Some producers may seed more acres of cover crops than they receive financial assistance for. Please indicate the total acres of cover crops seeded and the acres cost-shared.**

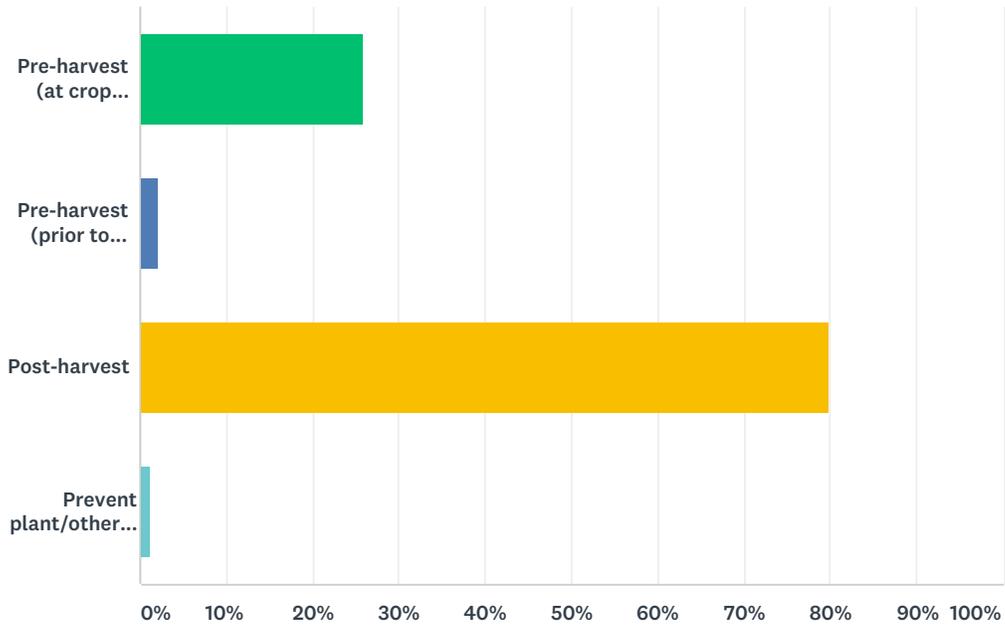
Answered: 557 Skipped: 45



ANSWER CHOICES	AVERAGE NUMBER	TOTAL NUMBER	RESPONSES
Total estimated acres seeded in cover crops (cost-shared + non cost-shared):	179	98,146	548
Acres of cover crops partially funded with NRCS/IDALS funding:	117	63,144	538
Total Respondents: 557			

## Q10 When did you seed your cover crop?

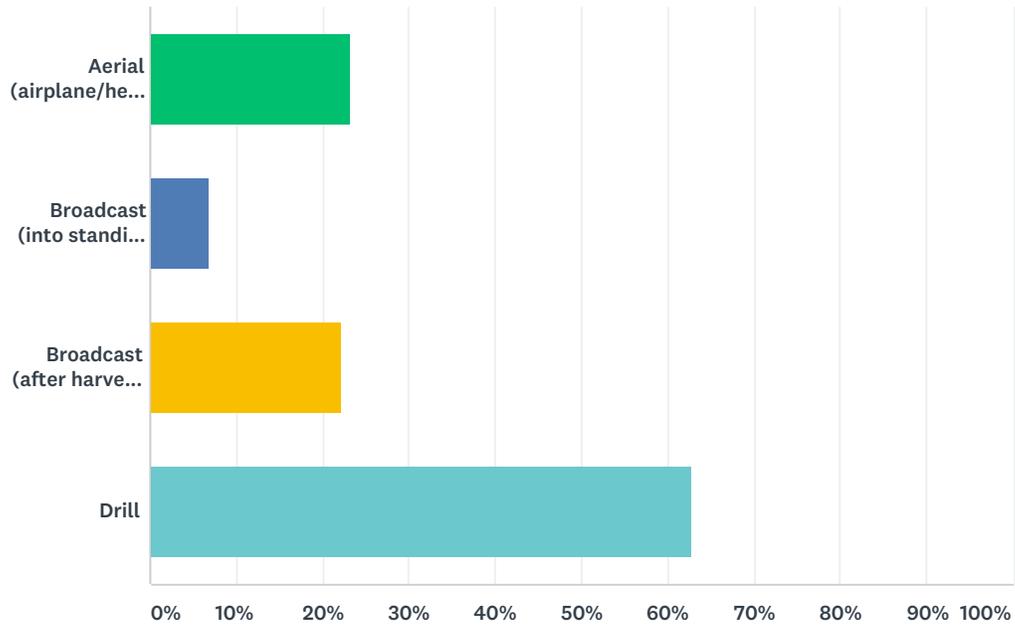
Answered: 591 Skipped: 11



ANSWER CHOICES	RESPONSES	
Pre-harvest (at crop maturity)	25.89%	153
Pre-harvest (prior to canopy closure)	2.03%	12
Post-harvest	79.86%	472
Prevent plant/other failed acres	1.18%	7
Total Respondents: 591		

## Q11 What method(s) did you use to seed cover crops?

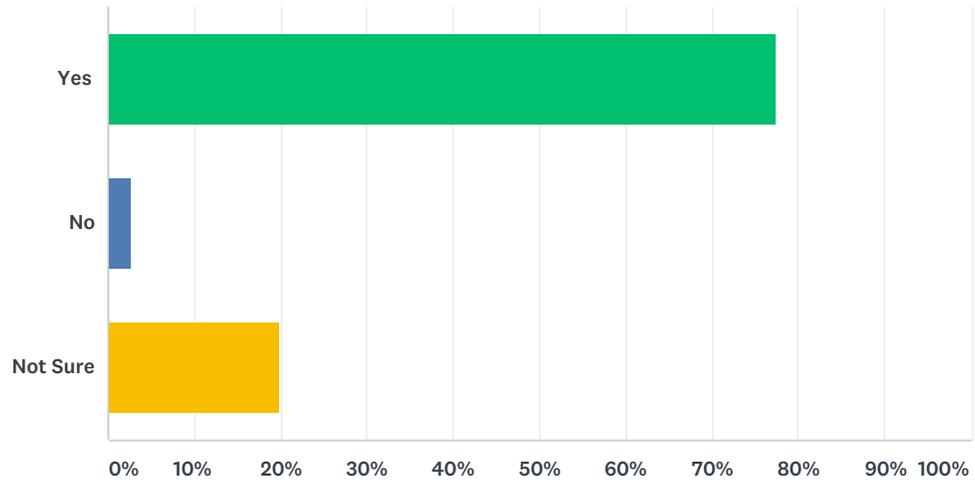
Answered: 602 Skipped: 0



ANSWER CHOICES	RESPONSES	
Aerial (airplane/helicopter)	23.26%	140
Broadcast (into standing crop)	6.98%	42
Broadcast (after harvest or failed acres)	22.09%	133
Drill	62.79%	378
Total Respondents: 602		

## Q12 Is this your preferred method of seeding cover crops?

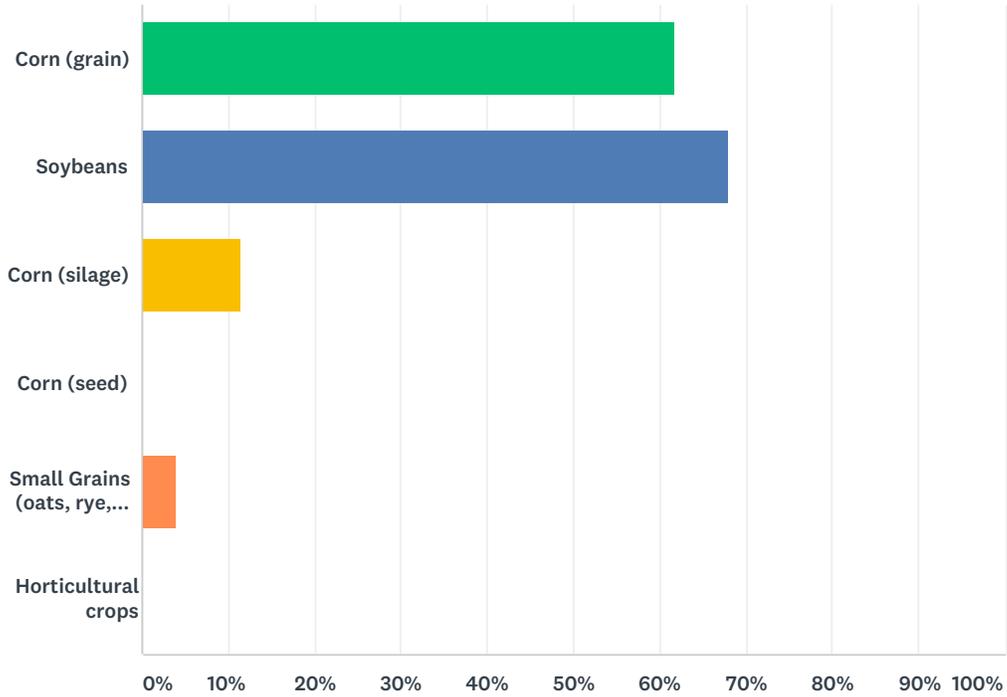
Answered: 591 Skipped: 11



ANSWER CHOICES	RESPONSES	
Yes	77.33%	457
No	2.71%	16
Not Sure	19.97%	118
<b>TOTAL</b>		<b>591</b>

### Q13 What crop(s) do you plan to plant after your cover crop in 2019?:

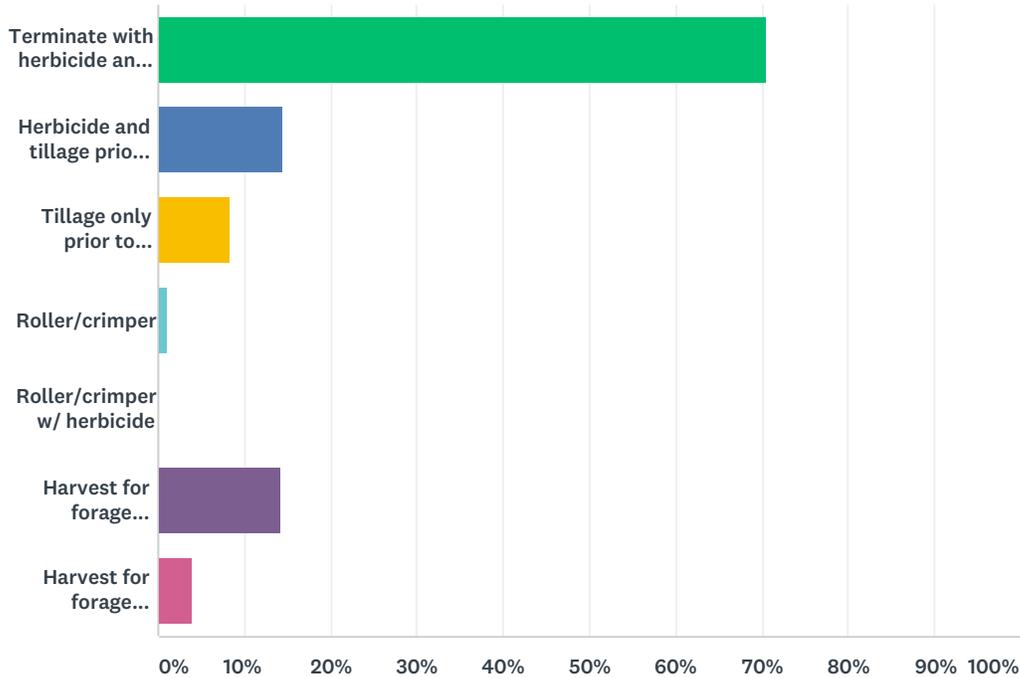
Answered: 602 Skipped: 0



ANSWER CHOICES	RESPONSES	
Corn (grain)	61.63%	371
Soybeans	67.94%	409
Corn (silage)	11.46%	69
Corn (seed)	0.17%	1
Small Grains (oats, rye, wheat, etc)	3.99%	24
Horticultural crops	0.17%	1
Total Respondents: 602		

## Q14 How do you plan to manage the cover crop in the spring?

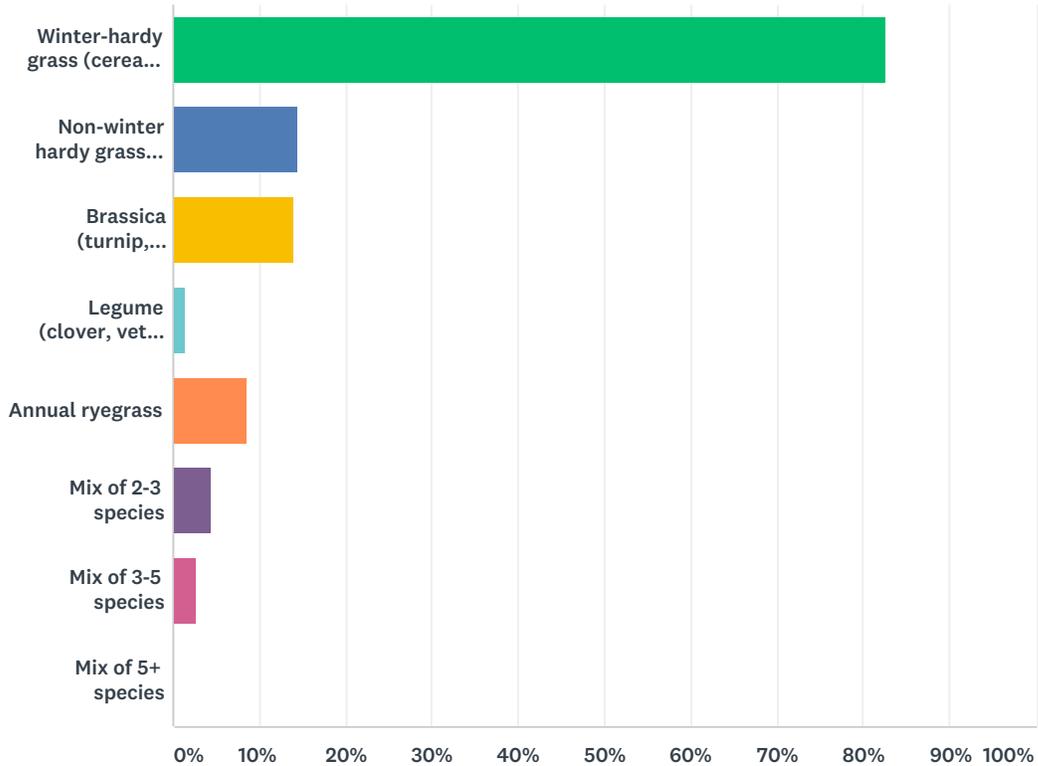
Answered: 602 Skipped: 0



ANSWER CHOICES	RESPONSES	
Terminate with herbicide and no-till plant subsequent crop	70.43%	424
Herbicide and tillage prior to planting	14.45%	87
Tillage only prior to planting	8.47%	51
Roller/crimper	1.00%	6
Roller/crimper w/ herbicide	0.17%	1
Harvest for forage (hay/silage) and no-till plant	14.29%	86
Harvest for forage (hay/silage) with tillage	3.99%	24
Total Respondents: 602		

## Q15 What type of cover crop did you seed?

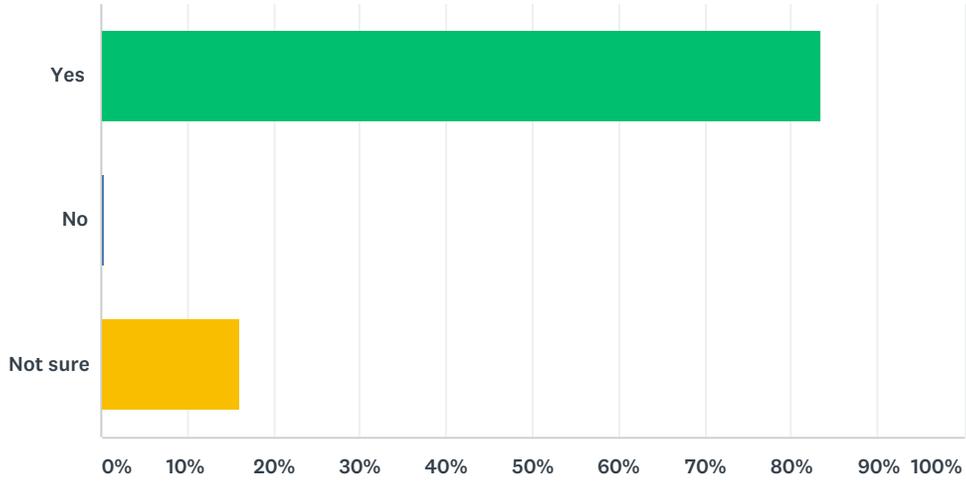
Answered: 602 Skipped: 0



ANSWER CHOICES	RESPONSES	
Winter-hardy grass (cereal rye, triticale, wheat)	82.72%	498
Non-winter hardy grass (oats, spring wheat)	14.45%	87
Brassica (turnip, radish, rapeseed, etc)	13.95%	84
Legume (clover, vetch, peas, etc)	1.50%	9
Annual ryegrass	8.64%	52
Mix of 2-3 species	4.49%	27
Mix of 3-5 species	2.66%	16
Mix of 5+ species	0.17%	1
Total Respondents: 602		

## Q16 Based on your experience, do you plan to use cover crops next year?

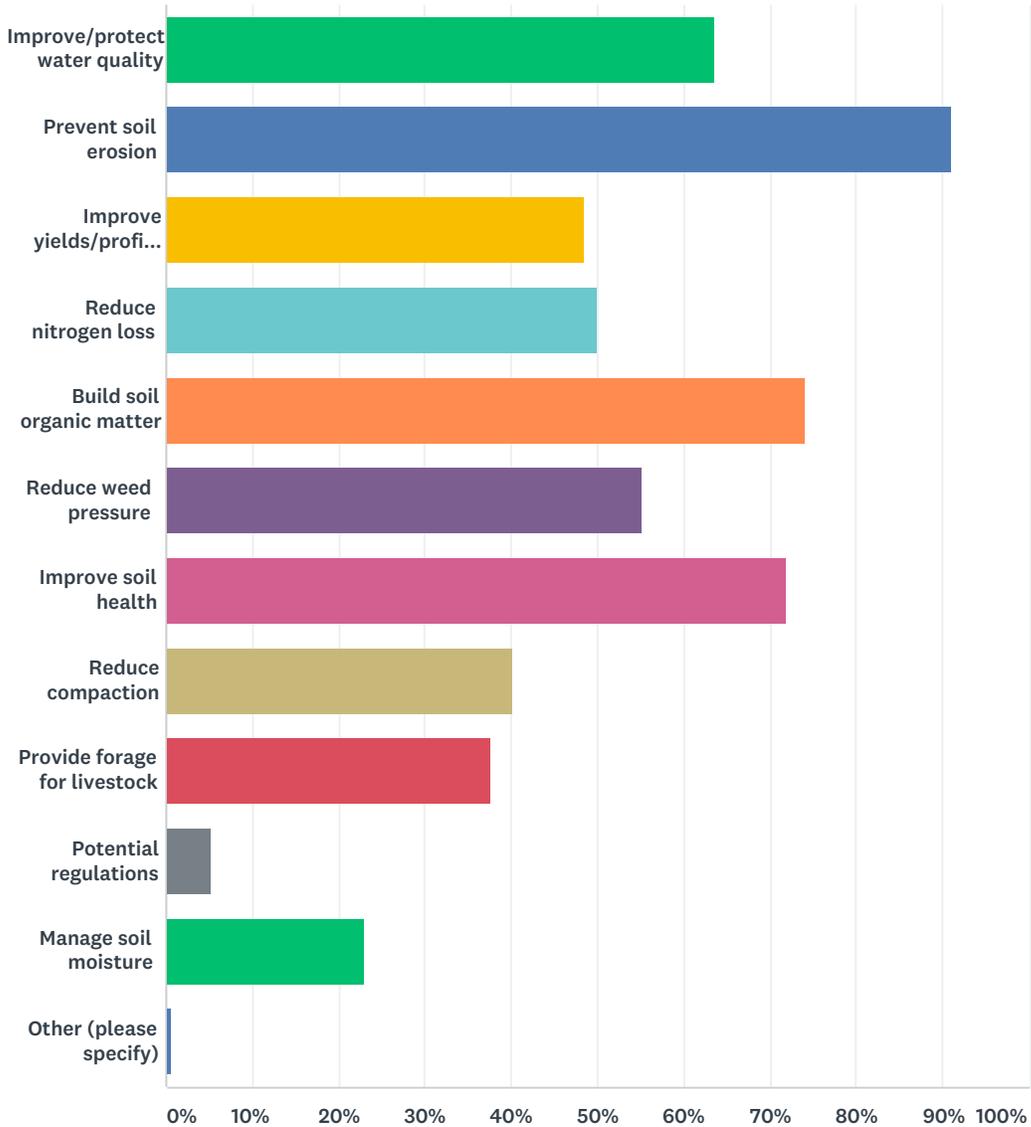
Answered: 602 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	83.39%	502
No	0.50%	3
Not sure	16.11%	97
TOTAL		602

## Q17 What motivates you to use cover crops?

Answered: 584 Skipped: 18



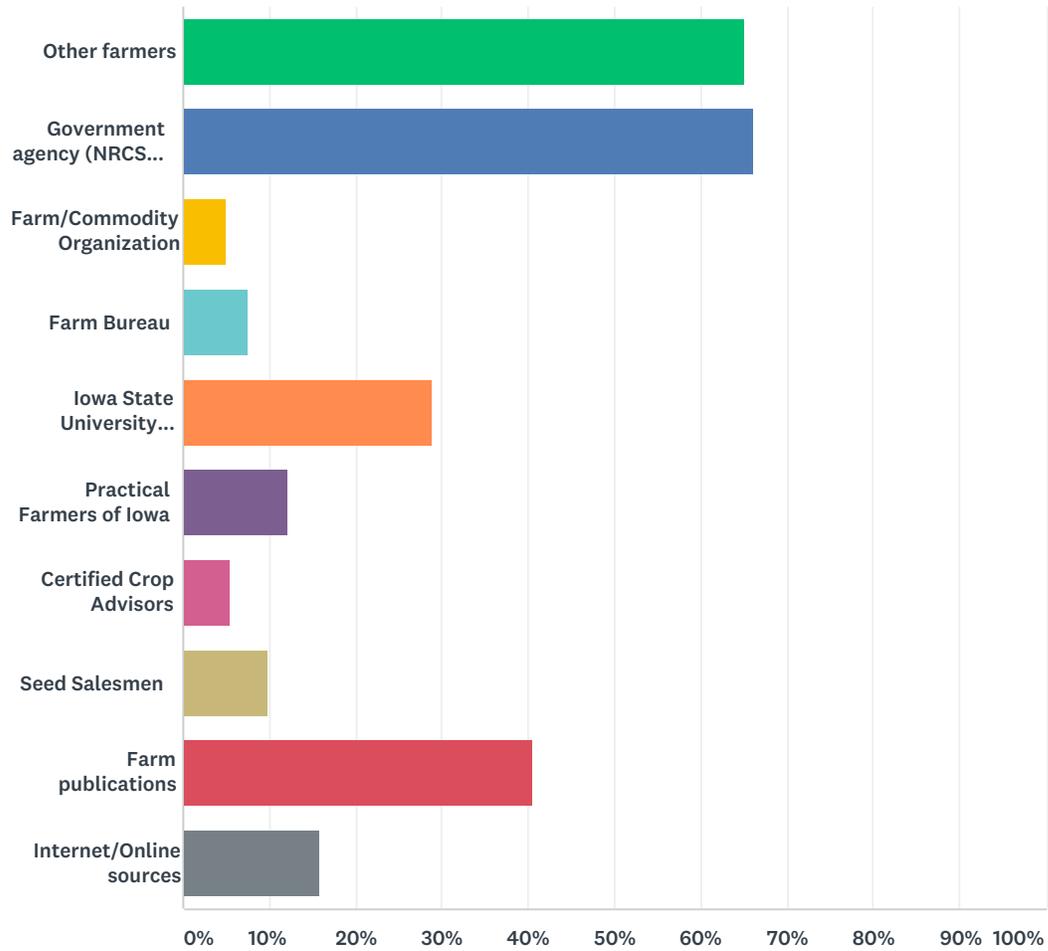
ANSWER CHOICES	RESPONSES	
Improve/protect water quality	63.70%	372
Prevent soil erosion	91.10%	532
Improve yields/profitability	48.63%	284
Reduce nitrogen loss	50.00%	292
Build soil organic matter	74.14%	433
Reduce weed pressure	55.31%	323
Improve soil health	71.92%	420
Reduce compaction	40.24%	235

## 2018 Iowa Cover Crop User Survey

Provide forage for livestock	37.67%	220
Potential regulations	5.31%	31
Manage soil moisture	22.95%	134
Other (please specify)	0.68%	4
Total Respondents: 584		

## Q18 Where do you receive information on managing cover crops?

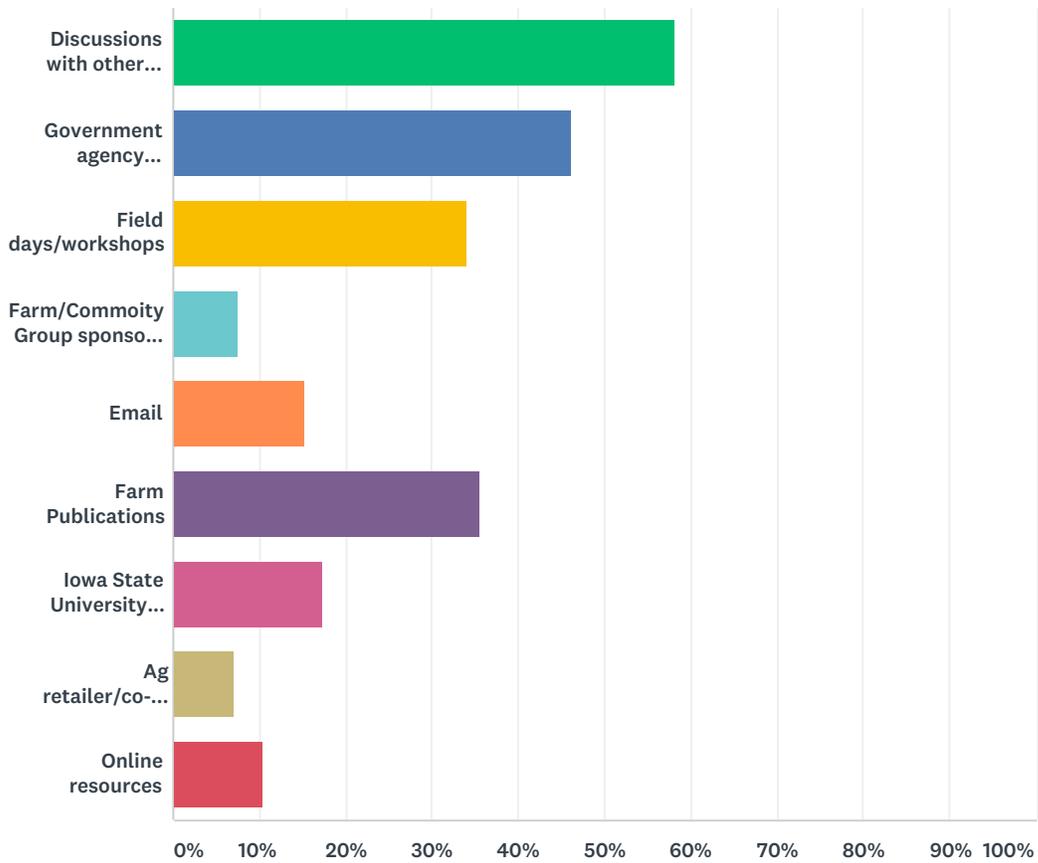
Answered: 577 Skipped: 25



ANSWER CHOICES	RESPONSES	
Other farmers	64.99%	375
Government agency (NRCS, IDALS, SWCD, etc)	66.03%	381
Farm/Commodity Organization	5.03%	29
Farm Bureau	7.63%	44
Iowa State University other research institutions	28.77%	166
Practical Farmers of Iowa	12.13%	70
Certified Crop Advisors	5.37%	31
Seed Salesmen	9.88%	57
Farm publications	40.55%	234
Internet/Online sources	15.94%	92
Total Respondents: 577		

## Q19 What is your preferred method to receive information on managing cover crops?

Answered: 572 Skipped: 30



ANSWER CHOICES	RESPONSES	
Discussions with other farmers	58.22%	333
Government agency publications (NRCS, IDALS, SWCD, etc)	46.15%	264
Field days/workshops	34.09%	195
Farm/Commoity Group sponsored events	7.52%	43
Email	15.21%	87
Farm Publications	35.49%	203
Iowa State University Extension workshops/meetings	17.31%	99
Ag retailer/co-op events	7.17%	41
Online resources	10.49%	60
Total Respondents: 572		

**Q20 Please, provide any additional comments you'd like to make regarding cover crops.**

Answered: 51 Skipped: 551