

Soybean Trait Survey

July 27, 2018

Survey Background

- 31,292 emails were sent to farmers in the Midwest asking for their feedback concerning current soybean happenings in the market place
- 690 respondents completely answered the survey
- Survey had a 2.2% response rate
- Following qualification question was used “Did you plant soybeans in 2018?”
 - “No” responses were not allowed to take the survey
- Data was analyzed by groups of:
 - 1.) All Respondents
 - 2.) Xtend Respondents
 - 3.) Non-Xtend Respondents

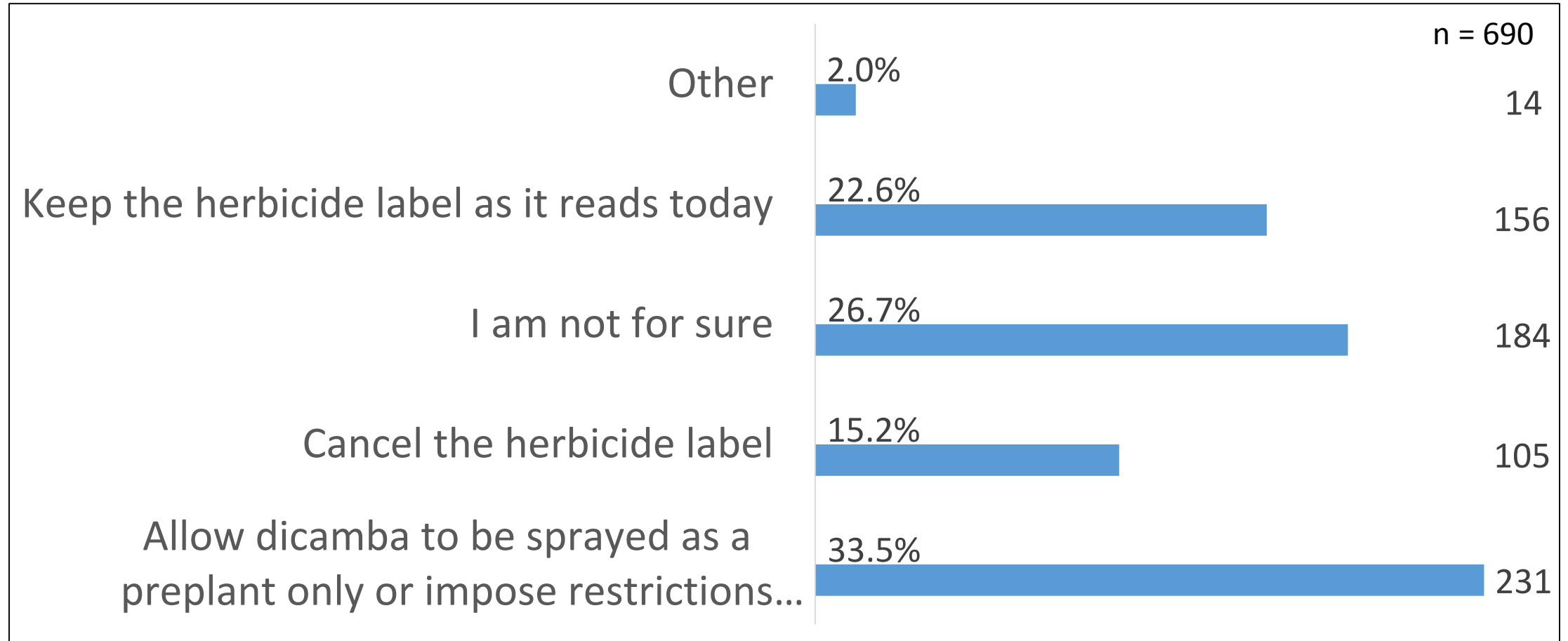
2018 Primary Soybean Trait Use

Technology	Acres	Acre Percentage	Respondents	Respondent Percentage
LibertyLink	281,358	52.6%	352	51.0%
Xtend	152,495	28.5%	157	22.8%
Roundup	81,359	15.2%	153	22.2%
Non GMO	17,800	3.3%	23	3.3%
Other	2,022	0.4%	5	0.7%
Grand Total	535,034	100.0%	690	100.0%

All Respondents

48.7% of all growers surveyed suggest to cancel or further restrict the current label

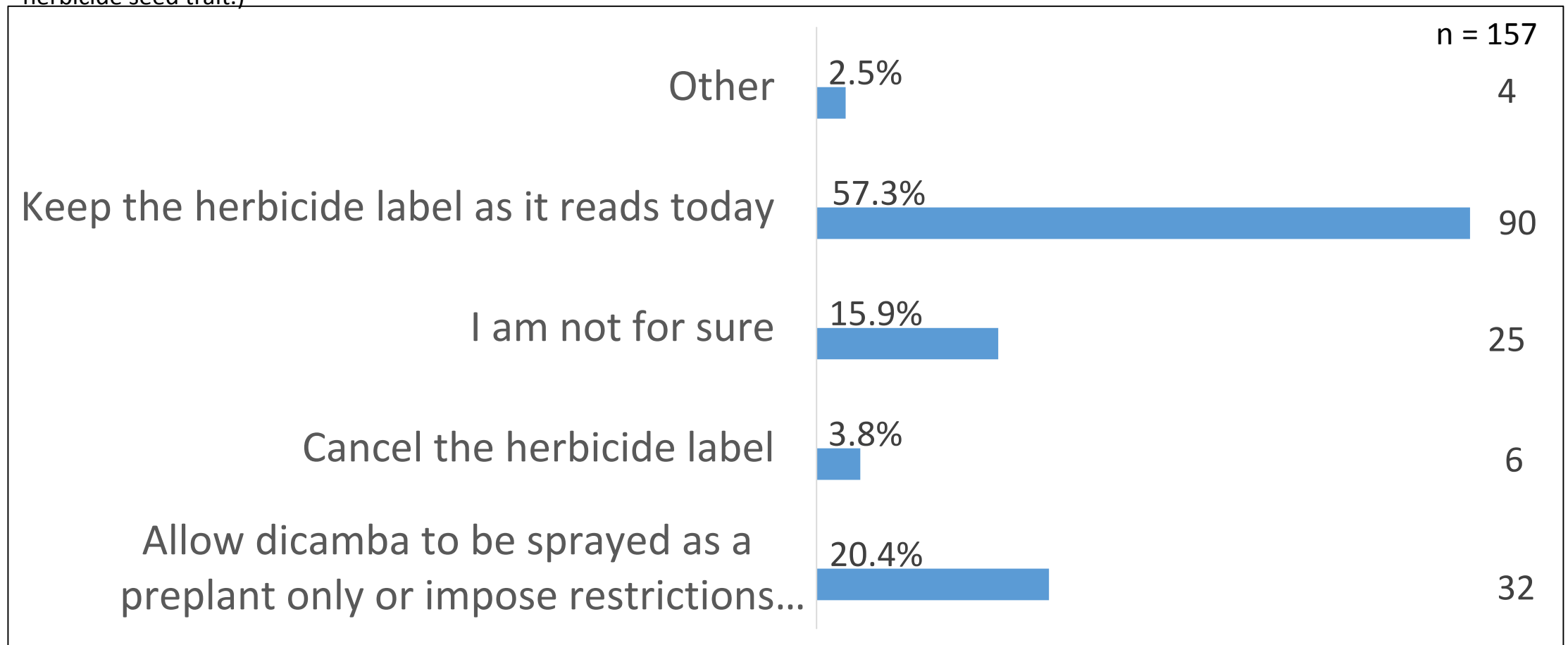
Survey Question: What should the EPA do with the dicamba label for 2019 soybeans?



Xtend Respondents

Of all Xtend Users 57.3% of respondents suggest to keep the current label and 24.2% suggest to cancel or restrict the current label

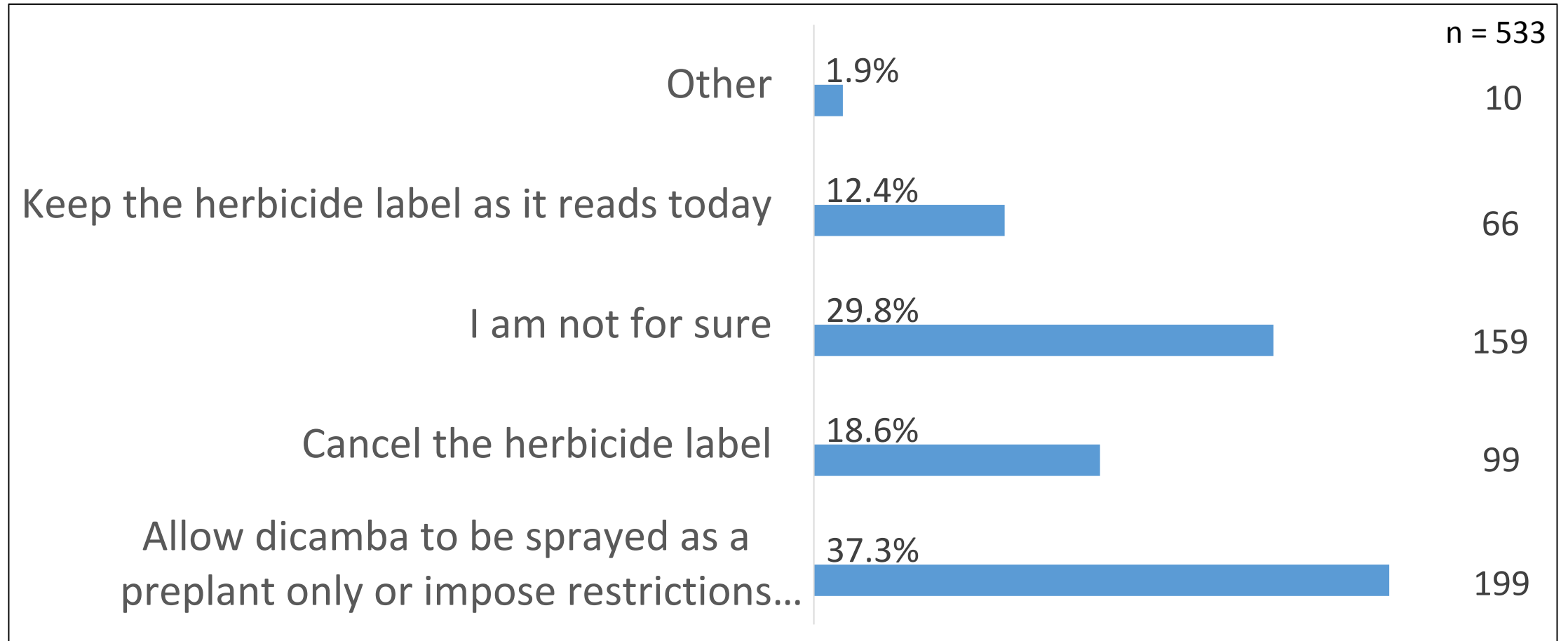
Survey Question: What should the EPA do with the dicamba label for 2019 soybeans? (These respondents all said Xtend was their primary herbicide seed trait.)



Non Xtend Respondents

Of all Non Xtend Users 12.4% of respondents suggest to keep the current label and 55.9% suggest to cancel or restrict the current label

Survey Question: What should the EPA do with the dicamba label for 2019 soybeans? (These respondents all said LibertyLink, Roundup and Other was their primary herbicide seed trait.)



63.1% Xtend Trait Users sprayed a dicamba product and 87.9% of these users attended training in the last year

Survey Question: Did you spray Xtendimax, Engenia, Flexipan, or generic dicamba this year on Roundup Ready 2 Xtend Soybeans?

Answer	Number	Percent
No	58	36.9%
Yes	99	63.1%

n = 157

- 2018 primarily planted = Xtend

Survey Question: Did you attend training in the last year for spraying dicamba?

Answer	Number	Percent
No	12	12.1%
Yes	87	87.9%

n = 99

- 2018 primarily planted = Xtend
- Did you spray = Yes

28% of the respondents and 8% of the acres had herbicide damage from dicamba in 2018 (30,864 acres of 382,538 acres).

Survey Question: Did you have any herbicide damage from dicamba in 2018?

