

Agricultural Innovation Board Meeting
February 27, 2023 1pm-2:47pm
Transcript Text

0:0:0.0 --> 0:0:1.0

7dcef74d-5e84-4724-8c62-bd59f6487761

First here in.

0:0:8.780 --> 0:0:9.450

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I think that's it.

0:0:12.270 --> 0:0:17.300

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Anyway, my Steve going on the director for the public Health and Agriculture Resource Management division.

0:0:18.540 --> 0:0:21.740

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I am Claire Cutler and I work for Anna, representing the inner.

0:0:22.620 --> 0:0:24.50

7dcef74d-5e84-4724-8c62-bd59f6487761

You are the chairman problem solving.

0:0:25.260 --> 0:0:34.970

7dcef74d-5e84-4724-8c62-bd59f6487761

Chill God, EC fertilizer specialist with the agency, Stephanie Smith, deputy director with the agency within public health and agricultural resource management.

0:0:36.160 --> 0:0:41.0

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I'm working Griffith and I'm I'm chemical program manager with the.

0:0:41.920 --> 0:0:52.70

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Laura the Petro, the Water Quality division director with the agency, Wendy Sue Harper. I am my position is for the soil biologist. I'm a soil scientist.

0:0:52.920 --> 0:1:16.660

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And then also in the room with us, sure, my names, Emily and away. I'm the plant health supervisor for farm with the Agency of Agriculture. And I'm quite powerfully AG resource management specialist within the agency event. OK, now we have a number of people joining us online more you want to call on the board members or calling in for yes. So board members device see Earl.

0:1:17.920 --> 0:1:20.430

Earl Ransom

Uh, yeah. Earl ransom. Can you hear me OK.

0:1:21.50 --> 0:1:21.650

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Yes.

0:1:23.90 --> 0:1:23.520

7dcef74d-5e84-4724-8c62-bd59f6487761

Can.

0:1:25.190 --> 0:1:25.440

7dcef74d-5e84-4724-8c62-bd59f6487761

OK.

0:1:21.920 --> 0:1:27.100

Earl Ransom

OK, I might different computer. Earl ran some organic dairy farmer from Stratford.

0:1:29.850 --> 0:1:30.450

7dcef74d-5e84-4724-8c62-bd59f6487761

Ryan.

0:1:32.40 --> 0:1:35.480

rrebozo

Ryan Rebozo, director of Conservation Science Vermont Center frequencies.

0:1:40.590 --> 0:1:41.340

7dcef74d-5e84-4724-8c62-bd59f6487761

I.

0:1:42.270 --> 0:1:43.360

7dcef74d-5e84-4724-8c62-bd59f6487761

Ohh go ahead Sarah.

0:1:48.750 --> 0:1:53.520

Owen, Sarah

Hi Sarah Vos, state toxicologist at the health department. Sorry I couldn't be there in person today.

0:1:56.710 --> 0:1:57.240

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Thank you.

0:1:58.60 --> 0:1:58.870

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Umm.

0:1:59.940 --> 0:2:1.220

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Did I miss any members?

0:2:6.370 --> 0:2:6.800

7dcef74d-5e84-4724-8c62-bd59f6487761

Sorry.

0:2:12.50 --> 0:2:16.530

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Terry, you hit introductions just spot on. Do you want to introduce yourself?

0:2:21.810 --> 0:2:22.460

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Maybe yeah.

0:2:21.780 --> 0:2:23.30

Terence Bradshaw

There you go. Can you hear me now?

0:2:23.340 --> 0:2:23.990

7dcef74d-5e84-4724-8c62-bd59f6487761

Yes. Yep.

0:2:24.770 --> 0:2:27.140

Terence Bradshaw

Awesome. I can't see me, but that's alright.

0:2:27.980 --> 0:2:28.280

7dcef74d-5e84-4724-8c62-bd59f6487761

Yeah.

0:2:28.320 --> 0:2:33.130

Terence Bradshaw

Yeah. Hi, Terry Bradshaw, University of Vermont. Just walking in the door and getting on the meeting.

0:2:34.710 --> 0:2:35.530

Terence Bradshaw

Yes, that's it.

0:2:36.540 --> 0:2:36.970

Terence Bradshaw

Like.

0:2:36.870 --> 0:2:37.600

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Thank you.

0:2:40.720 --> 0:2:44.300

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Alright. Are there on the call, Patty?

0:2:46.310 --> 0:2:51.960

Casey, Patti

Hi everybody. I'm Patty Casey. And the environmental surveillance program manager with the Vermont Agency of Agriculture.

0:2:54.960 --> 0:2:55.340

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Brooke.

0:2:57.50 --> 0:3:6.460

Decker, Brooke

Hey everyone. I'm Brooke Decker with the Vermont Agency of Agriculture, and I am the pollinator health specialist.

0:3:10.240 --> 0:3:11.360

7dcef74d-5e84-4724-8c62-bd59f6487761

Dylan gavert.

0:3:12.720 --> 0:3:15.710

Dillon Gabbert

Hello everyone. My name's Dylan Gabbert and I'm with bear crop science.

0:3:20.220 --> 0:3:21.540

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Fred Putnam.

0:3:33.360 --> 0:3:34.670

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We can't hear you, Brad, but.

0:3:38.660 --> 0:3:39.370

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I'm alone.

0:3:41.450 --> 0:3:42.660

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Sang, fam.

0:3:43.520 --> 0:3:45.650

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I apologize for Annunciation.

0:3:55.750 --> 0:3:56.110

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OK.

0:3:57.590 --> 0:3:58.40

7dcef74d-5e84-4724-8c62-bd59f6487761

Yeah.

0:4:1.310 --> 0:4:6.850

Szczukowski, Zach

Zach Schikowski agency, later culture, food and markets, agricultural resource management specialists.

0:4:8.850 --> 0:4:14.520

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Thanks Zach and I have one phone number which last four digits 5192.

0:4:23.810 --> 0:4:28.500

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OK. OK, alright. Thanks everybody for being here. We've got a.

0:4:29.500 --> 0:4:36.210

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Pretty full agenda today and I believe all of the board members have received a copy and it's been posted on our website.

0:4:37.750 --> 0:4:41.600

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First thing on the agenda is to review the agenda.

0:4:42.280 --> 0:4:47.370

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Uh and the previous meeting minutes and action item review.

0:4:48.340 --> 0:4:50.770

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So, Morgan, you wanna walk folks through that?

0:4:51.730 --> 0:4:58.600

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Sure. So the minutes for the January 23rd meeting were sent out to this group.

0:4:59.760 --> 0:5:4.50

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A few days after that meeting, I didn't hear back any.

0:5:5.150 --> 0:5:17.140

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Comments or suggestions? So I guess they're on the table today the same as they were sent. If we accept them without any changes. Yeah. Anybody any work Members have any changes?

0:5:18.70 --> 0:5:19.80

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OK, OK.

0:5:20.220 --> 0:5:22.500

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With that, we'll go ahead and keep them the way they are.

0:5:23.480 --> 0:5:29.100

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And there was there an action item. No, there were some action items that have January meeting and.

0:5:29.800 --> 0:5:41.340

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Umm one was just the kind of how we went about the report that was due on the 15th. So we talked about what should be in it at the meeting on January. And so then a draft report was sent.

0:5:42.250 --> 0:5:54.660

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To the members and then they made edits by the deadline and then the final report was sent back to them and then with the approval it was submitted to the legislature.

0:5:56.320 --> 0:5:58.340

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We'll talk about it. Yeah, agenda item.

0:5:59.690 --> 0:6:3.310

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And then one other one is that it was brought up in the meeting to have.

0:6:4.430 --> 0:6:12.880

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Some kind of a lit review articles into nonionic active ingredients, so we only had from our seed report.

0:6:13.900 --> 0:6:35.920

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To date, like from the information that we had gathered by the meeting in January, we knew about one active ingredient that was metal axle that was on nonionic treated seeds. And so just kind of like a preliminary lit review was sent to the members for that and it's also available on our team site.

0:6:37.280 --> 0:6:51.980

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And then that was it. Other than just pretty reimbursement things that is just a continual action item on there. Just to remind everybody that if you're eligible, good. And we've been joined by one of our board members. Yeah. Steve, you want to introduce yourself?

0:7:1.850 --> 0:7:4.180

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You can hear your Steve, can you introduce yourself?

0:7:5.340 --> 0:7:8.670

Steve Schubart

Yeah. Apology. Sorry I'm late. Steve Schubert.

0:7:8.890 --> 0:7:10.880

Steve Schubart

And that presenting I think, Steve.

0:7:11.560 --> 0:7:21.450

Steve Schubart

And meat industry in general. I run the business on my farm in Charlotte and not my momma did. Thank you.

0:7:23.700 --> 0:7:24.170

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Thanks.

0:7:28.500 --> 0:7:28.910

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OK.

0:7:29.780 --> 0:7:36.340

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So that's it for the action number of you. So on the agenda today we have, we're going to talk briefly about the report that we submitted.

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On February 15th to the legislature got an update on our division activities that are relative to the activities of the board.

0:7:46.50 --> 0:8:1.880

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So then the bulk of the meeting today will be talking about a work plan for the board for the coming year and we'll talk about some of the targets we have and timelines and we'll spend quite a bit of time on that one of the.

0:8:1.960 --> 0:8:16.270

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Yeah, responsibilities of the AIB is to make recommendations to the Secretary on any bills that are pending any pesticide related bills or bills related to AIP type activities.

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In the legislature. And so we'll talk about that when we get to that point and public comments and then we'll jerk. So with that, does anybody have any additions or modifications to the agenda any of the board members?

0:8:34.310 --> 0:8:38.300

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OK. So we'll we'll start off by talking about the report.

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And since Morgan submitted the report, why don't you give us a brief update?

0:8:44.110 --> 0:8:47.320

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Sure, every report on the report. Yep, so.

0:8:49.200 --> 0:8:53.440

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Basically, we the report was that we did not.

0:8:55.230 --> 0:9:0.280

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Recommend being's for the non Unicoi treated article seeds.

0:9:2.140 --> 0:9:3.20

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That.

0:9:5.410 --> 0:9:7.980

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Yep, report is up there and then.

0:9:9.60 --> 0:9:19.570

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So we'll have it. It's not up on our website yet, but we will bring it up. And then yeah, it's available right now on the legislative report website.

0:9:20.710 --> 0:9:23.940

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But Long story short, we.

0:9:25.390 --> 0:9:28.800

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Wanted to say that there weren't many.

0:9:29.850 --> 0:9:32.580

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Non nude nicotine noid treated seeds.

0:9:33.470 --> 0:9:41.600

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Out there. And so we're gonna focus our effort efforts on providing recommendations for BMPS on the use of Neo Nic treated seeds.

0:9:43.910 --> 0:9:46.890

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OK. OK. Any questions about the reports that were submitted?

0:9:48.330 --> 0:9:52.400

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And today, I don't think we've received any questions from the legislature about that report, correct.

0:9:52.700 --> 0:9:54.490

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Yeah, that was submitted and.

0:9:55.940 --> 0:9:56.990

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Now at the legislature.

0:9:57.880 --> 0:10:9.630

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OK, so the next item on the agenda is the farm activities update of Dave Huber or one of our deputy directors has out till today. So he won't be.

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Providing an update for his part, but Stephanie will jump in and.

0:10:16.60 --> 0:10:45.310

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But some updates on what we've been doing. Yeah. So one of the updates we have, the agency has scheduled a meeting to occur to staff people to occur with the American Seed Trade Association. We'll discuss these certifications, seed lab operations, both federal state and commercial labs, as well as labeling requirements as required by law. So we're going to review those things. We have not engaged with asthma in the past. The American Seed Trade Association.

0:10:46.50 --> 0:10:53.350

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So we're excited and we're looking forward or I haven't, I should say specifically that we're excited to have that conversation.

0:10:53.750 --> 0:11:24.220

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Umm, so that's one item. Another item is the agency's farm staff, public health and agricultural resource management staff attended the Pesticide Stewardship Alliance, meeting annual meeting earlier in February. This is the Pesticide Stewardship Alliance, is a group of government agencies, industry research institutions that steward the life cycle of pesticides. And so one of the conversations that I'm aware of that occurred at this meeting was.

0:11:25.130 --> 0:11:28.620

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The recycling of pesticide containers.

0:11:29.800 --> 0:11:32.130

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There they also talked about.

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Umm.

0:11:34.200 --> 0:12:3.50

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What about pros? What does that stewardship of pesticide containers over time? Pesticide response?

Yeah. Producer responsibility organizations for pesticide containers. And then they also are working.

Actually, our staff member Andy McMillan is going to be working on a workgroup to discuss the reduction of pesticide waste. And one of those efforts can look like educating the public generally about.

0:12:3.190 --> 0:12:28.300

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Pesticide purchases, proper storage and management of pesticides, proper storage management of pesticides at a commercial level. But what efforts can be made to reduce the waste associated with pesticides so that they're putting together some suggestions and we'll make up proposal to the pesticide Stewardship Alliances Board in March.

0:12:30.580 --> 0:13:0.710

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Another item is the we've received the agricultural input survey that we all worked on together that closed on the 23rd. It's not on the agenda to talk about here at this meeting. We will talk about it at a future meeting, but just some basic information regarding who we had 49 respondents. However, we did send it out to over 600 farms. That's the way it's worded that respondents we did have one from each county. So we've met the legislative mandate of having a response.

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At least one farmer, Ridge County.

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I'm majority of those reporting farms are out of Addison County.

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And then most of the size of the farms that reported were either small farms or certified small farms, and we only had one large farm operation that reported back to or participated in the survey. So that's just some high level items there on that. So we can go deeper. But one question I do have and I don't know, is whether or not we want to open up the survey again and then try to increase participation beyond 49 farms. That's I think that's for the board to decide.

0:13:37.840 --> 0:13:50.340

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Where we get the results. OK, so we'll, we'll, we'll talk about it the next meeting and then we'll have a more in depth conversation. But I just wanted to plant the seed and then that segue is perfect because we're going to talk about seeds now.

0:13:51.780 --> 0:13:52.390

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Jill.

0:13:52.500 --> 0:14:23.860

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A God who works at the agency I work closely with Joel, and we have received a number of reports, both treated seed, untreated seed, GEC reports they were due on February 15th. We are continuing to receive them and we're going to accept them. So this is not a complete survey of all the information we certainly have received more information regarding treatments and seeds beyond metal axle, lots more active ingredients. So I'm going to.

0:14:23.970 --> 0:14:32.960

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Bring up the presentation and then Jill's gonna give you some information regarding what we have found. And I'm just bear with me while I get this together.

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Try again.

0:14:44.530 --> 0:14:52.960

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Backwards pair with me still. Wait, that's not what I see it. Yeah, but I can't get that over there. So, Greg? Yeah. OK.

0:14:53.160 --> 0:14:57.840

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Yeah. Oh, no. Yeah. Technology.

0:14:59.30 --> 0:15:11.280

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Still taking away? Alright, good afternoon. I'm just gonna give you a brief update on the treated seed reports received by the agency thus far. If you want to just hit me on to the next slide.

0:15:12.340 --> 0:15:12.940

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Awesome.

0:15:17.730 --> 0:15:18.50

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OK.

0:15:19.140 --> 0:15:36.960

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Our reporting currently is displayed here. This is a format similar to what our respondents will file. This is the total tons, so we're not giving it bogged down in the weeds. We'll talk about the top three crops reported, which would be corn.

0:15:37.650 --> 0:15:41.280

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Grant, legging, forage, and pasture and soybeans.

0:15:42.160 --> 0:15:42.860

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Next slide.

0:15:44.600 --> 0:15:58.150

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So this display just basically shows the reporting amounts for those three are by far larger than any of our other seen. This is a little tiny. It will be available in the note next slide.

0:16:0.620 --> 0:16:8.430

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So I've broken down what we've received and the dark blue represents the treated tons.

0:16:9.110 --> 0:16:15.300

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And the light blue represents the untreated tonsil, so a quick breakdown of those categories.

0:16:16.370 --> 0:16:23.920

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Soybeans, the treated times with about 55 and the untreated was about 165 tons respectively.

0:16:24.700 --> 0:16:36.650

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They're laughing, forage and pasture treated was about 26 tons, and untreated was just under 2/10 of a ton.

0:16:37.470 --> 0:16:46.760

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Treated corn was 1000 seven, 1173 tons, while the untreated was just shy of a half a ton.

0:16:51.320 --> 0:17:4.360

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So now I broke it down into treated sales reported to our dealers, 32% of the treated seeds were sold to farmers and 3068 was sold to dealers.

0:17:5.300 --> 0:17:11.860

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For the untreated sales, similar 13% were untreated, sold to farmers directly.

0:17:13.200 --> 0:17:18.290

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And 87% was so untreated seed for sold to dealers.

0:17:23.660 --> 0:17:41.430

7dcef74d-5e84-4724-8c62-bd59f6487761

So your total breakdown total fee reported thus far is 1492 tons of that volume, 1256 tons was treated seed while about 236 tons was untreated seeds.

0:17:45.20 --> 0:18:1.980

7dcef74d-5e84-4724-8c62-bd59f6487761

On that, almost at statistically zero was a single product treatment seed. So almost every seed that reported the treatment had a combination of multiple treatments applied to it. So the single product treatment was less than 1/10 of a ton.

0:18:2.680 --> 0:18:9.230

7dcef74d-5e84-4724-8c62-bd59f6487761

And then the combination product treatment was 1200 and about 58 tons.

0:18:10.870 --> 0:18:11.670

7dcef74d-5e84-4724-8c62-bd59f6487761

The next one.

0:18:12.720 --> 0:18:16.50

7dcef74d-5e84-4724-8c62-bd59f6487761

So of those single treated seeds.

0:18:16.390 --> 0:18:26.230

7dcef74d-5e84-4724-8c62-bd59f6487761

Umm, by and large we've got eight tenths of a ton of fungicide treated seeds we've got about.

0:18:27.390 --> 0:18:42.940

7dcef74d-5e84-4724-8c62-bd59f6487761

A little less than .2 actually .125 tons that are treated with a biological agent of some sort. And then we had a report of somebody adding polymer at 9 hundredths of a ton.

0:18:45.560 --> 0:18:46.460

7dcef74d-5e84-4724-8c62-bd59f6487761

And the next?

0:18:48.30 --> 0:19:3.820

7dcef74d-5e84-4724-8c62-bd59f6487761

So the the combination treatment of those treatments that tons reported that had an insecticide and an animator side, excuse me, were predominantly the most treated seeds that we saw.

0:19:4.530 --> 0:19:7.980

7dcef74d-5e84-4724-8c62-bd59f6487761

On your side, treated seed follows up pretty closely.

0:19:8.730 --> 0:19:15.460

7dcef74d-5e84-4724-8c62-bd59f6487761

And then we're talking about a biological or bio stimulant applied to see at about.

0:19:17.760 --> 0:19:29.530

7dcef74d-5e84-4724-8c62-bd59f6487761

Coming in about four, I do have about 70 tons reported that did not give me the treatment yet and that company is working to provide the information.

0:19:30.240 --> 0:19:36.450

7dcef74d-5e84-4724-8c62-bd59f6487761

So there is a just small categories of polymers, nutrients and.

0:19:36.540 --> 0:19:45.670

7dcef74d-5e84-4724-8c62-bd59f6487761

A1 off report of a surfactant. Apply this a percentage of total active ingredients. Or is this?

0:19:46.340 --> 0:19:49.790

7dcef74d-5e84-4724-8c62-bd59f6487761

Of a percent of every unit turning sold.

0:19:50.580 --> 0:20:15.700

7dcef74d-5e84-4724-8c62-bd59f6487761

3043% of those units had insecticide, so there could have been multiple on the same right? Yeah. So just in terms of tonnage, how many tons were treated with one particular type of agent, but that would not capture like each layer that was applied to the seed. So it was just the tons of the agents found in the scene, if that makes sense.

0:20:17.600 --> 0:20:20.230

7dcef74d-5e84-4724-8c62-bd59f6487761

Jill Terry also has a question is it so?

0:20:19.570 --> 0:20:28.810

Terence Bradshaw

Yeah, I I think I think I know the answer to it. This is tons of seed treated, not the actual tons of the treatment I would assume.

0:20:30.620 --> 0:20:31.250

Terence Bradshaw

Yeah.

0:20:29.330 --> 0:20:40.440

7dcef74d-5e84-4724-8c62-bd59f6487761

That is correct there reporting funds of seed and the these numbers represent just the tons treated with by each particular agent, if that makes sense.

0:20:41.210 --> 0:20:41.370

Terence Bradshaw

Yep.

0:20:45.720 --> 0:20:46.730

7dcef74d-5e84-4724-8c62-bd59f6487761

We're on to the next.

0:20:47.470 --> 0:21:4.190

7dcef74d-5e84-4724-8c62-bd59f6487761

So out of those 12156 tons of treated seed reported thus far, 173 times were treated with non neonicotinoid products, while the remaining 1083 tons were treated with a neonicotinoid product.

0:21:6.830 --> 0:21:11.380

7dcef74d-5e84-4724-8c62-bd59f6487761

And then I provided some of the chemical names associated with the brand name to treatments.

0:21:12.840 --> 0:21:13.470

7dcef74d-5e84-4724-8c62-bd59f6487761

And then.

0:21:15.230 --> 0:21:17.220

7dcef74d-5e84-4724-8c62-bd59f6487761

You hold on one second, sure.

0:21:29.700 --> 0:21:37.150

7dcef74d-5e84-4724-8c62-bd59f6487761

And then in my notes I just had the list that needed noise. For those of you that don't know them off the top of your head because I didn't.

0:21:38.790 --> 0:21:41.360

7dcef74d-5e84-4724-8c62-bd59f6487761

Amid a close period, acetamiprid.

0:21:42.410 --> 0:21:43.560

7dcef74d-5e84-4724-8c62-bd59f6487761

I'm signed in.

0:21:43.640 --> 0:21:51.110

7dcef74d-5e84-4724-8c62-bd59f6487761

Oceanic, oceanic. Then there we go down. It's aspirin and seizing cyclopis and thiamethoxam.

0:21:55.660 --> 0:22:2.420

7dcef74d-5e84-4724-8c62-bd59f6487761

And then the next slide gives us some of the biological treatment agents and their scientific names.

0:22:6.80 --> 0:22:14.330

7dcef74d-5e84-4724-8c62-bd59f6487761

And the last slide is the one off treatments. There was a surfactant, there was some nutrient packages.

0:22:14.910 --> 0:22:18.280

7dcef74d-5e84-4724-8c62-bd59f6487761

Umm. And there was a another.

0:22:19.980 --> 0:22:25.430

7dcef74d-5e84-4724-8c62-bd59f6487761

Pre precursor for signaling node growth on rival.

0:22:26.980 --> 0:22:28.370

7dcef74d-5e84-4724-8c62-bd59f6487761

Related like.

0:22:33.210 --> 0:22:34.250

7dcef74d-5e84-4724-8c62-bd59f6487761

Any questions?

0:22:37.300 --> 0:23:4.110

7dcef74d-5e84-4724-8c62-bd59f6487761

So this is you don't have all of the reports? No, we're still actively getting reported to how much, I mean, what is this like half the seat you think or 1/4 of the seed or did you say 70 ton section potentially is outstanding. I have 70 times that have reported that they filed last year's report formed so that they did not ask for the treatments and I sent followed up and asked for the treatments of slide.

0:23:5.450 --> 0:23:16.490

7dcef74d-5e84-4724-8c62-bd59f6487761

I don't really have a history with the agency myself, but I did go back and look at the total volume of seed reports last year were 1508 tons.

0:23:17.180 --> 0:23:27.90

7dcef74d-5e84-4724-8c62-bd59f6487761

And our total tons this year were just shy of like 1300 tons. So I'm I'm assuming that we're going to hit that.

0:23:28.640 --> 0:23:30.570

7dcef74d-5e84-4724-8c62-bd59f6487761

Number pretty quickly, OK.

0:23:31.460 --> 0:23:33.380

7dcef74d-5e84-4724-8c62-bd59f6487761

So it sounds like 200.

0:23:34.570 --> 0:23:37.800

7dcef74d-5e84-4724-8c62-bd59f6487761

I think generally outstanding based on prior report, yeah.

0:23:38.920 --> 0:23:41.140

7dcef74d-5e84-4724-8c62-bd59f6487761

Is it possible that we'll get?

0:23:42.10 --> 0:23:45.740

7dcef74d-5e84-4724-8c62-bd59f6487761

More reporting because we were being more active this year.

0:23:46.710 --> 0:23:49.660

7dcef74d-5e84-4724-8c62-bd59f6487761

And in the past, that's possible, yes.

0:23:51.160 --> 0:23:53.390

7dcef74d-5e84-4724-8c62-bd59f6487761

OK. Because we are being more active I think than priority.

0:23:56.20 --> 0:23:57.430

7dcef74d-5e84-4724-8c62-bd59f6487761

So we don't know what the.

0:23:58.270 --> 0:23:59.40

7dcef74d-5e84-4724-8c62-bd59f6487761

Like total?

0:24:1.310 --> 0:24:7.570

7dcef74d-5e84-4724-8c62-bd59f6487761

Is for Vermont. We don't have a way of knowing what percent, historically or this year that we've gotten.

0:24:8.430 --> 0:24:21.510

7dcef74d-5e84-4724-8c62-bd59f6487761

So we have. So we have historic data about how many tons of treated or no tons reported total. So I have from last year treated seed reported was 980 tons.

0:24:22.680 --> 0:24:26.370

7dcef74d-5e84-4724-8c62-bd59f6487761

So we we were seated that reported volume already.

0:24:26.640 --> 0:24:32.710

7dcef74d-5e84-4724-8c62-bd59f6487761

Alright, I'm. I'm maybe 7, just want to review what the reporting requirements are.

0:24:33.480 --> 0:24:47.170

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For to see period, yes. So distributors have to report to the agency by February 15th. However, we're continuing to receive reports and we're excited to get out the reports. Yeah. So leave it there.

0:24:48.870 --> 0:25:17.500

7dcef74d-5e84-4724-8c62-bd59f6487761

The the reporting includes what's treated and what's untreated, who is sold two so dealer or farmer or you know who the end user and then the other item is the active ingredients that are applied to treated. See what those active ingredients are. And so yeah, so that's what's required to be reported to the agency and also GC as well, but who's supposed to report the distributor. So the person who is.

0:25:18.60 --> 0:25:48.550

7dcef74d-5e84-4724-8c62-bd59f6487761

The entity whose labels the seed is the distributor and in some instances the distributor can be can sell to a dealer. A distributor can sell to a dealer and that dealer can then also sell. They can both be distributors. So there's potential for a little bit of double counting here, but this is what the law requires. And so we are enacting the reporting requirements in accordance model. So it potentially in the future if

we want to have more accurate reporting, we may need to change that a little bit, but we're we're actively gathering the information that we're supposed to get.

0:25:49.50 --> 0:26:0.780

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Thanks. I didn't hear that it was like required by the agency, so I didn't know if we were able to assume that this was we're going to assume, yes, that everyone who is registered with us that we're getting information from them, yes.

0:26:6.120 --> 0:26:11.570

7dcef74d-5e84-4724-8c62-bd59f6487761

And there's a lot more. As we said earlier, active ingredients than metal axle, right, so.

0:26:13.60 --> 0:26:39.130

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Yeah, we'll, we'll we can, we can dig in more and we'll certainly we're going to publish a final report with all the information that we've collected, it'll be available in the agency's website and we'll share that with board members and the next actions with respect to whether or not research is necessary. And to every active ingredients and we, you know, that will be something the board can decide if they want to use and see to continue with that.

0:26:42.620 --> 0:26:44.590

7dcef74d-5e84-4724-8c62-bd59f6487761

Any other questions popping up their word?

0:26:46.600 --> 0:26:47.610

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No, not in.

0:26:49.520 --> 0:27:0.90

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OK. And so the the continuing the form update, like I said, they they've ubers out the deputy directors out today, but the one item that.

0:27:0.710 --> 0:27:7.330

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He was going to share with the fact that the Vermont rule for the control of pesticides that was revised.

0:27:9.360 --> 0:27:15.520

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Over several years, actually has gone into effect. Now went into effect on February 24th, so that new rule is in effect.

0:27:17.110 --> 0:27:28.140

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That rules available on our website and we've it's been reported to the board before. So I don't think we need to spend much time unless somebody has any questions, but it's in effect now and we're in the process of.

0:27:29.630 --> 0:27:30.930

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Doing the implementation.

0:27:32.550 --> 0:27:34.540

7dcef74d-5e84-4724-8c62-bd59f6487761

Alright, starting anyway so.

0:27:36.340 --> 0:27:55.560

7dcef74d-5e84-4724-8c62-bd59f6487761

And that's that. So now we need to, unless anybody else has any questions about any of the information so far, we'll go ahead and start talking about the work plan development. So you know, I'm as everyone on the board's aware, one of the primary duties of the board is to make recommendations.

0:27:56.950 --> 0:27:57.760

7dcef74d-5e84-4724-8c62-bd59f6487761

Regarding.

0:27:59.500 --> 0:28:4.390

7dcef74d-5e84-4724-8c62-bd59f6487761

Best management practices for neonicotinoid treated seeds there is a.

0:28:5.460 --> 0:28:8.730

7dcef74d-5e84-4724-8c62-bd59f6487761

Our requirement in.

0:28:10.930 --> 0:28:19.590

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Chapter 6 VSA 1105 a that the secretary will adopt the MP's but we lost our signal again. No, I would just switching was presenting. He's talking.

0:28:21.190 --> 0:28:32.860

7dcef74d-5e84-4724-8c62-bd59f6487761

The the, the, the, the, the the session. Actually, as the secretary will recommend rules, they contain BMP for neonicotinoid treated seeds and it's the boards.

0:28:33.960 --> 0:28:44.550

7dcef74d-5e84-4724-8c62-bd59f6487761

Charge or opportunity, I guess to make recommendations regarding those BMP and those are due by March 24, March of 2024.

0:28:47.840 --> 0:28:58.410

7dcef74d-5e84-4724-8c62-bd59f6487761

And the legislatures expect him. I was. I had the opportunity to testify before the Senate aged committee a couple weeks ago and the copy came up and a chair. Sarah Starr.

0:28:59.680 --> 0:29:0.130

7dcef74d-5e84-4724-8c62-bd59f6487761

You know.

0:29:1.130 --> 0:29:30.10

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Basically said, they're looking forward to the recommendations, so it's something that we have to do and that we will do and but to get from where we are now to to do that, we need a plan on how we're going to do this as a lot of things that we need to take into account. And so we have within the division, we have developed a proposal for a work plan that's tied to the individual components that the board has to.

0:29:30.900 --> 0:29:32.610

7dcef74d-5e84-4724-8c62-bd59f6487761

I consider in developing.

0:29:33.400 --> 0:29:35.730

7dcef74d-5e84-4724-8c62-bd59f6487761

As soon as we get the computer working.

0:29:37.320 --> 0:29:38.690

7dcef74d-5e84-4724-8c62-bd59f6487761

Start talking about it so.

0:29:40.170 --> 0:29:48.140

7dcef74d-5e84-4724-8c62-bd59f6487761

We also have a proposal for a way to make decisions about those recommendations.

0:29:52.610 --> 0:29:57.0

7dcef74d-5e84-4724-8c62-bd59f6487761

Because we're, you know, we're going to have to make some decisions about what we what those recommendations are.

0:29:59.480 --> 0:30:15.270

7dcef74d-5e84-4724-8c62-bd59f6487761

And we'll get into that too. So I'm gonna do the work plan 1st and then we'll talk about the decision making proposals. And again, this is all open to discussion. You know, we're here to work with the board members. The board members are the ones that the legislature has.

0:30:16.380 --> 0:30:22.190

7dcef74d-5e84-4724-8c62-bd59f6487761

You know, given the opportunity to do this, so we're gonna try to facilitate that as we can.

0:30:23.640 --> 0:30:26.90

7dcef74d-5e84-4724-8c62-bd59f6487761

So yeah, so we just tried to kind of.

0:30:27.290 --> 0:30:30.260

7dcef74d-5e84-4724-8c62-bd59f6487761

Organize our thoughts basically as members, right? So.

0:30:31.280 --> 0:30:32.420

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We took.

0:30:33.570 --> 0:30:38.560

7dcef74d-5e84-4724-8c62-bd59f6487761

This section of what he was just talking about of this is what?

0:30:39.410 --> 0:30:45.980

7dcef74d-5e84-4724-8c62-bd59f6487761

We are being charged to do as far as the MP's for the state for unexpected article fees.

0:30:47.300 --> 0:30:53.670

7dcef74d-5e84-4724-8c62-bd59f6487761

It says in developing the rules with AG Innovation Board, the Secretary shall address and then there's a list.

0:30:55.390 --> 0:31:3.700

7dcef74d-5e84-4724-8c62-bd59f6487761

Of seven things that we thought, well, let's start this right. That's great. They made our To Do List for us, so.

0:31:4.680 --> 0:31:12.990

7dcef74d-5e84-4724-8c62-bd59f6487761

What I kind of just tried to lay out and I don't know how many people open this up on teams and the last couple weeks, but.

0:31:13.650 --> 0:31:15.630

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So the overall goal is.

0:31:17.230 --> 0:31:18.760

7dcef74d-5e84-4724-8c62-bd59f6487761

To have that recommendation.

0:31:20.30 --> 0:31:22.250

7dcef74d-5e84-4724-8c62-bd59f6487761

For the secretary of that.

0:31:24.10 --> 0:31:24.980

7dcef74d-5e84-4724-8c62-bd59f6487761

And so.

0:31:26.280 --> 0:31:30.930

7dcef74d-5e84-4724-8c62-bd59f6487761

Yeah, go ahead. I was gonna say maybe we should just read the seven ohh things off.

0:31:31.810 --> 0:31:51.920

7dcef74d-5e84-4724-8c62-bd59f6487761

I can do that if you want. Yeah. Well, yeah. So they're each one is a topic. So just sort of give people a scope. Yeah. So I'll go up here. So each one we've separated out. So how we're going to tackle each one? So topic a establishment of thresholds, levels of test pressure required prior to use of neonics treated article feeds.

0:31:53.730 --> 0:32:7.300

7dcef74d-5e84-4724-8c62-bd59f6487761

B availability of non treated article fees that are not neonet treated Articles C economic impact from crop walk as compared to crop yield when NEO next.

0:32:8.40 --> 0:32:24.370

7dcef74d-5e84-4724-8c62-bd59f6487761

Treated article fees are used D relative toxicities of different neonics tutorial seeds and the effects of neonics, theoretical seeds on human health and the environment etc. Surveillance and monitoring techniques for infield pest pressure.

0:32:25.250 --> 0:32:40.80

7dcef74d-5e84-4724-8c62-bd59f6487761

F ways to reduce Testar Ridge from conservation tillage practices and G criteria for a system of approval of new next to the article seats. So that is the direct wording from the app that was fast.

0:32:41.280 --> 0:32:41.990

7dcef74d-5e84-4724-8c62-bd59f6487761

So.

0:32:42.860 --> 0:32:52.810

7dcef74d-5e84-4724-8c62-bd59f6487761

We're kind of sitting out with the overall goal is to put all of these together in a new recommendation. So then we were separating them out so each one so required topic A.

0:32:53.790 --> 0:33:0.150

7dcef74d-5e84-4724-8c62-bd59f6487761

And so kind of identifying that objective based on the wording that in.

0:33:0.970 --> 0:33:2.0

7dcef74d-5e84-4724-8c62-bd59f6487761

The legislative.

0:33:3.50 --> 0:33:5.240

7dcef74d-5e84-4724-8c62-bd59f6487761

Act and so.

0:33:6.30 --> 0:33:10.80

7dcef74d-5e84-4724-8c62-bd59f6487761

This kind of teasing out. OK, What's the main objective from that wording?

0:33:11.480 --> 0:33:40.150

7dcef74d-5e84-4724-8c62-bd59f6487761

What information does the board need? What might we already have based on this objective? And then

there's an opportunity for us if a team member wants to take on responsibility of finding the subject matter expert, if we need to go outside of the board and then the strategy is OK, how are we going to find out what we need to know so.

0:33:40.410 --> 0:33:45.100

7dcef74d-5e84-4724-8c62-bd59f6487761

I've kind of put things in here with question Marks and saying like well like.

0:33:45.740 --> 0:33:56.260

7dcef74d-5e84-4724-8c62-bd59f6487761

It's kind of like the discussion topics, right? Like this is they're not anything that we're saying needs to happen is just something that to get the conversation started.

0:33:57.290 --> 0:33:58.100

7dcef74d-5e84-4724-8c62-bd59f6487761

So.

0:33:59.440 --> 0:34:3.820

7dcef74d-5e84-4724-8c62-bd59f6487761

As of right now, for the overall goal we know. So it's it's due.

0:34:4.480 --> 0:34:5.160

7dcef74d-5e84-4724-8c62-bd59f6487761

Umm.

0:34:7.580 --> 0:34:9.340

7dcef74d-5e84-4724-8c62-bd59f6487761

March 1st, 2024.

0:34:10.850 --> 0:34:19.770

7dcef74d-5e84-4724-8c62-bd59f6487761

We were thinking of having a much earlier timeline to have a draft so that we can have.

0:34:21.470 --> 0:34:31.270

7dcef74d-5e84-4724-8c62-bd59f6487761

Time for discussion and edits and kind of we're not down to the last minute, so I'm not going to put the the draft.

0:34:31.950 --> 0:34:35.500

7dcef74d-5e84-4724-8c62-bd59f6487761

Timeline due date as March 1st, right? So we were pushing it up.

0:34:36.80 --> 0:34:38.630

7dcef74d-5e84-4724-8c62-bd59f6487761

Umm yeah, there's some statutory.

0:34:39.670 --> 0:34:58.990

7dcef74d-5e84-4724-8c62-bd59f6487761

Things in there too. We're supposed to, well, secondary has to only have the regular community to the

secretary. The Secretary then has to provide that to the legislature that the set of the House AG committees 30 days before we actually started any rulemaking. So we have to back up.

0:34:59.690 --> 0:35:0.940

7dcef74d-5e84-4724-8c62-bd59f6487761

To meet all those deadlines.

0:35:3.880 --> 0:35:5.170

7dcef74d-5e84-4724-8c62-bd59f6487761

Which is why the September.

0:35:6.540 --> 0:35:7.370

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Targets in there.

0:35:9.390 --> 0:35:19.350

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So we're not going to fill out like the overall goal right now because basically all of the stuff. So the required topics will go into what info we need for them. So if we start.

0:35:20.580 --> 0:35:31.410

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With a right. So this is in the wording in the Act is established. Special levels of pest pressure required prior to use of neonicotinoid treated seeds.

0:35:32.800 --> 0:35:35.490

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So question to board members is.

0:35:36.770 --> 0:35:47.400

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Objectives I this is me, you know. Do you want to say something? Other objective is list economic threshold levels for identified tests. It could be something different.

0:35:47.740 --> 0:35:48.440

7dcef74d-5e84-4724-8c62-bd59f6487761

Umm.

0:35:49.920 --> 0:35:52.180

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OK. So go ahead, Terry.

0:35:53.320 --> 0:35:54.410

Terence Bradshaw

Yeah, just a question.

0:35:55.550 --> 0:35:58.120

Terence Bradshaw

Because we've got sort of a A.

0:35:59.450 --> 0:36:26.510

Terence Bradshaw

There's a juxtaposition of terms here where you have BMP's, which to me are typically voluntary and then we have language in here about required. Do we have the charge? And I know there's been some discussion particularly around some of the comments that we're kind of put forth with the new pesticide rules about whether or not the secretary has the powers to require things above and beyond fifra and other labels and whatnot.

0:36:27.890 --> 0:36:32.650

Terence Bradshaw

Are we expecting that that's the sort of that, that this list of BMP's are going to be?

0:36:34.190 --> 0:36:35.190

Terence Bradshaw

Finding rules.

0:36:37.740 --> 0:36:39.670

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Yeah, I'll take a crack at that.

0:36:40.950 --> 0:36:44.220

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So the the language of the the law.

0:36:44.970 --> 0:36:51.180

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Is that the secretary, upon recommendation of the Agriculture Innovation Board, may adopt?

0:36:52.520 --> 0:36:53.850

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What? Sorry, that's the wrong one.

0:37:0.620 --> 0:37:1.720

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OK. So it's actually.

0:37:2.400 --> 0:37:10.650

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The Secretary of Agriculture food markets, after consultation with Agricultural Innovation Board, shall adopt by rule.

0:37:11.550 --> 0:37:11.950

Terence Bradshaw

OK.

0:37:11.580 --> 0:37:12.590

7dcef74d-5e84-4724-8c62-bd59f6487761

BMP's.

0:37:13.310 --> 0:37:17.150

7dcef74d-5e84-4724-8c62-bd59f6487761

For use in the state of neonicotinoid treated article seed so.

0:37:25.930 --> 0:37:26.340

Terence Bradshaw

Yeah.

0:37:18.70 --> 0:37:29.70

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Yeah, these would be the plain language of the statute, is that they'll be adopted by rule, and if they're adopted by rule, then they'll be enforceable. So that's something for the board to consider.

0:37:29.840 --> 0:37:34.520

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As the BMP's are being developed that there will be in Rule.

0:37:37.320 --> 0:37:47.50

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And they're therefore will be enforceable. That being said, there are ways to write rules that provide flexibility and options. They don't, you know, have to be.

0:37:47.690 --> 0:37:49.680

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Extremely prescriptive you can.

0:37:51.40 --> 0:37:52.730

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Craft them so that gives.

0:37:55.130 --> 0:38:1.280

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People who are having comply with them, some options on how to comply. So that's just.

0:38:2.670 --> 0:38:9.30

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How you make rules but but the the statute is says clearly that the Secretary shall adopt by rule.

0:38:10.710 --> 0:38:11.900

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That answer your question, Terry?

0:38:18.340 --> 0:38:18.890

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OK.

0:38:22.360 --> 0:38:23.890

7dcef74d-5e84-4724-8c62-bd59f6487761

OK so.

0:38:26.630 --> 0:38:28.420

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Things we had first thing we have to address.

0:38:28.540 --> 0:38:40.480

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Umm, that was special levels. So Morgan, yeah, before we can just go through the whole list again, just so people can see that what he's topic is I can sort of put it in context.

0:38:41.220 --> 0:38:44.990

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So you got the economic threshold, I mean go through, you know, through your table I'm saying.

0:38:46.110 --> 0:38:56.970

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So yeah, so each. Yeah. So each topic, you know, topic a corresponds to the A and the act B. So this is about the availability of non treated.

0:38:58.550 --> 0:39:0.940

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See that economic impact?

0:39:3.310 --> 0:39:5.920

7dcef74d-5e84-4724-8c62-bd59f6487761

Umm the.

0:39:6.990 --> 0:39:30.640

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Toxicities of Neonet human health and environment, he realized and monitoring techniques for infield pressure. F is having to do with reducing pest storage for conservation tillage. G established criteria for system of approval of NEO next feature article seeds this one. When we get to it. So this is how it's worded in.

0:39:31.450 --> 0:39:40.180

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Act I I do think that there's room for discussion around, you know, a system of approval of neonics treated seeds, whether it's the approval of use.

0:39:44.630 --> 0:40:5.490

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But you know, definitely you can talk about like the approval of the OR is it approval of the seed itself with the context of like it's pretty broad. So I think the board has some authority to dial in or interpret that section of the law to determine what it wants to it wants to achieve with that topic change.

0:40:6.890 --> 0:40:12.840

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We have some hands up, but are you? Yeah. No. Steve shubart. You were up first.

0:40:15.40 --> 0:40:18.430

Steve Schubart

On a wondering if we can get any other.

0:40:26.170 --> 0:40:26.970

7dcef74d-5e84-4724-8c62-bd59f6487761

Sorry, I see.

0:40:29.300 --> 0:40:29.530

7dcef74d-5e84-4724-8c62-bd59f6487761

And.

0:40:28.210 --> 0:40:30.180

Steve Schubart

Yeah, it's my audio. Not great.

0:40:30.540 --> 0:40:31.560

7dcef74d-5e84-4724-8c62-bd59f6487761

It's not great.

0:40:32.90 --> 0:40:36.880

Steve Schubart

Yep. Let me turn off my Bluetooth and I'll I'll I'll bring up that question again in a second. I'm sorry.

0:40:36.580 --> 0:40:39.460

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That's that will pivot and we'll go to Clara.

0:40:40.60 --> 0:40:41.180

Steve Schubart

Yep, sorry.

0:40:41.800 --> 0:40:42.370

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That's right.

0:40:44.330 --> 0:40:49.660

Clara

My question actually may have been pretty similar. I was wondering too about the.

0:40:50.520 --> 0:40:59.230

Clara

Required topic A I'm just wondering. I don't know how we determine that at all, given the fact that most of the seed.

0:41:0.710 --> 0:41:4.90

Clara

Like we saw just now is is treated.

0:41:5.290 --> 0:41:15.200

Clara

I wondered if I see Heather Darby is on here, have we contacted her? Is she on board to do some research on this growing season?

0:41:15.760 --> 0:41:25.400

Clara

Umm. Even if she is, that doesn't really give us much time to analyze her research and incorporate it. So. So just wondering if you can respond to that.

0:41:28.460 --> 0:41:46.610

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Yeah. So actually, so Heather is on board for March 27th aid meeting. And so I specifically asked if she could cover topic a for us as well as.

0:41:47.520 --> 0:41:56.980

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On the surveillance so topic E&F so those 3 required topics, Heather has agreed.

0:41:57.920 --> 0:42:7.170

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To talk to us about in a month's time and then in addition to that, yes, she is starting some research that.

0:42:8.510 --> 0:42:23.200

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We introduced for her that when she was unable to join, I think in January or December, no November and so basically it she has a grant that is.

0:42:24.330 --> 0:42:48.750

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Looking at exactly what we want to see, so I'm kind of crop yield as well as where neonics might be for fungicide only treated seeds versus neuronics and fungicide treated seeds. So in addition to demonstration sites, different partner farms we just met with her last week and.

0:42:49.380 --> 0:42:54.860

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She is going to actually do a replicated study at her research farm in Alburg.

0:42:55.550 --> 0:43:17.360

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That we are going to work with her at the agency to help fund do soil, vegetation sampling so that we can test for Neuro net and get out the objective of kind of the persistence of those neonics in those replicated plots. In addition, there's a.

0:43:18.330 --> 0:43:38.320

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I think it's in the second year of another site where they've been doing with treated seeds with different

management practices and they've already been collecting water at the tiles rank field and so they've been collecting base flow. And then after storm events flow, they've already been collecting water. And so we're.

0:43:39.40 --> 0:43:52.170

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Trying to help fund that and organizing the logistics of getting those water samples tested also for Unix noise chemicals. So we're clear you're right that we are.

0:43:53.270 --> 0:43:57.50

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On the cost of some great research led by Heather Darby.

0:43:57.130 --> 0:43:57.650

7dcef74d-5e84-4724-8c62-bd59f6487761

Umm.

0:43:59.130 --> 0:44:0.700

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We won't have.

0:44:2.50 --> 0:44:15.640

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A lot of data to inform us, but she is gonna talk with us in March and go ahead and see. Yeah. And so. So, Claire, this is exactly what the type of thing that the board needs to consider.

0:44:16.400 --> 0:44:20.290

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In making the recommendation within the time frame that we have.

0:44:21.0 --> 0:44:24.780

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Is you know, what information do we have? What information do we need?

0:44:25.430 --> 0:44:39.30

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You know can do. We have enough information or and and there are other sources of information too. And that's part of the work plan is to identify the things that need to be considered, identify the information that's needed.

0:44:40.580 --> 0:44:46.460

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And the sources of that information and then put it all together in a timeline so that the board can consider it as we move through the year.

0:44:47.80 --> 0:45:4.870

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So I mean the same questions gonna come up for all of the topics is do we have the information, can we

get the information in time, you know, what are the sources of information? But that's what we need to identify in this work plan is to lay out how what we're going to consider, how we're going to consider it.

0:45:5.610 --> 0:45:6.240

7dcef74d-5e84-4724-8c62-bd59f6487761

Umm.

0:45:7.350 --> 0:45:32.950

7dcef74d-5e84-4724-8c62-bd59f6487761

You know where we can get the information and if we find out we don't have the information we need to identify that. So I mean that's all that's all part of the work plan is to identify all those things and then lay it out in a way that so at each at each board meeting we have, we are we're tackling one of these topics or one or more and and you know getting as far as we can and and making some recommendations.

0:45:34.780 --> 0:45:47.350

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And we'll, we'll talk about a process we're doing that too in a minute. That may answer some of those questions too, but anyway that's that's what we need to do is sort of lay this out, all these different things that need to be.

0:45:49.360 --> 0:45:51.290

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Identified and considered.

0:45:52.940 --> 0:45:56.510

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Yeah. So if people want to say, I mean, this is just.

0:45:56.590 --> 0:45:57.0

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And.

0:45:58.250 --> 0:45:59.350

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You know.

0:46:0.520 --> 0:46:5.200

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Stop placeholder right now. So and and what info does does the board need?

0:46:7.150 --> 0:46:14.560

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For this topic about economic threshold level, so we know it's a one strategy that we know is is set right now it's other derbies coming in a month.

0:46:15.580 --> 0:46:16.280

7dcef74d-5e84-4724-8c62-bd59f6487761

Umm.

0:46:17.810 --> 0:46:20.830

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To talk about this, but are there specific?

0:46:21.530 --> 0:46:27.790

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So this question. So right now what's written in there is identification of target path or true to seeds.

0:46:28.540 --> 0:46:36.450

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Our studies needed to determine these threshold levels for the identified test. Or do they do those levels already exist?

0:46:37.640 --> 0:46:40.280

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You know, people here might know this is just.

0:46:41.270 --> 0:46:46.170

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Me this writing in here, so I see if your hand is up. Sorry.

0:46:48.130 --> 0:46:50.330

Steve Schubart

Yes, sorry about that before.

0:46:51.720 --> 0:47:0.220

Steve Schubart

I I guess I was getting a little caught up on the term economics myself and just thinking about the root of that term and it being, you know thinking about.

0:47:1.740 --> 0:47:7.320

Steve Schubart

I typically think of economics and thinking about it's a evaluating a system as a whole.

0:47:8.400 --> 0:47:9.80

Steve Schubart

And so did.

0:47:10.190 --> 0:47:26.320

Steve Schubart

I've looked at cost production studies that specifically on grass fed beef for just what I'm interested on and trying to evaluate the economics or the cost production from Farm to farm is just been one thing that seems to be so variable. So it just to me this one.

0:47:27.130 --> 0:47:29.880

Steve Schubart

You know, we're trying to create BMP that are based on.

0:47:30.670 --> 0:47:46.280

Steve Schubart

Objective goals and this one just to me. I don't. I guess there could be information out there. I I don't know. But this one to me is seems it I I don't know where that go for information, but I would just say that this one seems difficult.

0:47:50.760 --> 0:47:53.850

Steve Schubart

Sorry, I know that's not a question. If anyone can help guide you.

0:47:55.280 --> 0:47:55.520

Steve Schubart

Yeah.

0:47:53.490 --> 0:48:13.530

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No, no, I like, I I wanna I I will say so. And someone here who is versed in IPM, so economic threshold level in integrated pest management system is a term for.

0:48:15.40 --> 0:48:16.690

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Basically, for what?

0:48:17.480 --> 0:48:26.430

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Have level so like if you were so to simplify it like if you were to go out in your field and say OK, I'm looking at how many.

0:48:27.710 --> 0:48:34.280

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I have a A baited trap and if I know because of studies that have happened in the past, if I have 5.

0:48:35.360 --> 0:48:50.60

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Flies on my baited trap. I know. That's enough. That's my economic threshold level that I need to treat. If I have four flies, I know that those flies aren't gonna cause enough damage to cause an economic impact to my crop.

0:48:50.710 --> 0:48:51.590

Steve Schubart

I follow.

0:48:53.350 --> 0:48:53.730

Steve Schubart

I felt.

0:48:50.860 --> 0:49:21.330

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But it also goes to the cost of treatment. Yeah, that's a factor in in whether or not the trigger of the

impact is also covers the cost of the treatment for the correction, not just economic yield of value of crop, because that is very subjective to what the value of the crop is to an individual producer, no different than what Steve said. You know those factors if you just know what cost \$10 to treat an acre, then you know that the economic threshold of you use 1/4 ton.

0:49:21.440 --> 0:49:39.960

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Silage somewhere in that ballpark or or cancel button or whatever it is so you can study that. But you know, just like Steve comment, you know there's a lot more factors when you're talking about this type of stuff than just the treatment cost for the return on investment for that treatment or management practice.

0:49:41.780 --> 0:49:43.690

Steve Schubart

And I would just think that clarification.

0:49:42.110 --> 0:49:47.680

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So I agree with Steve that that it's a very convoluted statement that economic threshold.

0:49:50.690 --> 0:49:51.890

Steve Schubart

I appreciate that.

0:49:52.940 --> 0:50:1.20

Steve Schubart

Also just that I I didn't realize that that was a term specifically tied to the I PM standard, so I'll have to read up on I PM. Thank you.

0:50:3.180 --> 0:50:3.830

Steve Schubart

But I agree.

0:50:3.210 --> 0:50:15.520

7dcef74d-5e84-4724-8c62-bd59f6487761

Yeah, no problem. I mean, I understand. Yeah, that it's it's. Yeah, it's very much a lot of things go into it and it's a tricky thing, but I there is, yeah. A term in IPM that goes along with.

0:50:14.970 --> 0:50:16.290

Steve Schubart

Follow yes. Thank you.

0:50:16.710 --> 0:50:17.60

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Yeah.

0:50:18.500 --> 0:50:19.730

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Terry, your hand is up.

0:50:20.960 --> 0:50:30.770

Terence Bradshaw

Yeah. I just since we're cracking the door on this, I think it's also important for us to recognize that we are being tasked to think beyond the notion of.

0:50:32.270 --> 0:50:53.60

Terence Bradshaw

\$10.00 of crop saved is worth \$10.00 of treatment when we're actually being tasked to look outside the field of what those treatments are going beyond the field edge. And that's specifically the charge of this board. So as we move forward, we need to, I mean, I grew up, Morgan and I come from the same literal school of learning and IPM.

0:50:54.580 --> 0:51:9.950

Terence Bradshaw

You know from an earlier point where you were often looking at, you know, the value to the value of the crop minus the the the effort to put into managing the crop. The specific reason why this has come to this point is that.

0:51:11.240 --> 0:51:22.840

Terence Bradshaw

Voluntary IPM is not addressing some of the concerns that we are being passed to cover, so we need to recognize that as we move forward that a lot of these other pieces down in BBD, I'm not like I won't scroll through the screen there.

0:51:24.0 --> 0:51:30.830

Terence Bradshaw

Look at other pieces that suggest external costs that go above and beyond the immediate cost to the grower.

0:51:33.540 --> 0:51:37.10

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So So what are the more? The other questions other hands up?

0:51:38.330 --> 0:51:50.920

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No. OK, I just wanna make one point. So we have laid this out as you know per the way it was laid out in the legislation, there may be some topics that we may need to consider as a board before we consider others aren't necessarily in this order.

0:51:51.650 --> 0:51:59.300

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So that's one thing to think about too, cause. So what we're trying to do today is develop the work plan. You know, once the board going to consider.

0:52:0.0 --> 0:52:9.90

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When you know what information is needed because we need to utilize the time we have as a board to tackle all these things.

0:52:11.490 --> 0:52:16.540

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And there may be, I mean these are the things that we've identified in this, the status there may be something else.

0:52:17.310 --> 0:52:42.620

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That's related that we didn't include is something that the board needs to consider. So I I'm just throwing all that out there because that's what we need to do today, the best we can is to identify you know what topics we're going to consider and what sequence we're going to consider them, what information we need to, you know, gather for the board members to consider in order to make some recommendations. So that's the question on the table today.

0:52:43.780 --> 0:53:4.280

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My first thought is D it's probably the first thing to start with. You know, you talk about the assessment or the economic, you know, it's repeatedly mentioned indeed, right. And these sort of kind of outlines as far as if, like Terry said, we need to be accounting for greater things than just you know, prop value, input costs and that kind of stuff then that.

0:53:8.910 --> 0:53:9.260

Terence Bradshaw

Mm-hmm.

0:53:5.50 --> 0:53:20.720

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That, to me is maybe the first. They should be the baseline of the assessment of where we are trying to regulate or come up with BMPS that will become rules for something that you know. Let's figure out what those those pieces are first that that's my opinion, OK.

0:53:20.940 --> 0:53:41.710

Terence Bradshaw

I agree with that. Yeah, we need to have just like when you're writing a paper or starting the masters, you know, you do the literature review first, find out what's out there. And I I suspect the last time that I sorry, I just jumped in. That raised my hand. I suspect the last time that that this group or some version of this group, which is different from who's in the group now did this was back in the pollinator.

0:53:43.70 --> 0:53:48.590

Terence Bradshaw

Committee when we really started digging into literature and that's been what, 5-6 years? Five years.

0:53:50.280 --> 0:54:13.610

Terence Bradshaw

Things have changed. So yeah, I think it is time to do something pretty methodical. So we've got the information that's out there because I do see, you know, some of the sources that were potentially looking to call on, you know, whether it's Elson Shields or or Paul Hoekstra or whatnot. Those are just a

few of there's many people who are who have done this work. This works not just happening in Vermont, and we should, we should let you know, use that science as best we can.

0:54:15.500 --> 0:54:17.150

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OK, with with any other.

0:54:18.230 --> 0:54:20.290

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Yes, Earl has his hand up.

0:54:20.900 --> 0:54:30.580

Earl Ransom

Yeah. Well, I wanted to just agree with what Terry just said and and the way that, that, that trajectory that we're on there, like the environment and you know risk to human health.

0:54:31.310 --> 0:54:39.440

Earl Ransom

Seems to be I mean the the impact on farmers is important and you know it's I think it's important that we consider that. But there are definitely.

0:54:40.500 --> 0:54:58.710

Earl Ransom

Strong concerns and the reason a lot of these people are, you know, interested in this because they're very concerned about what the bigger picture impact is. You know, if it was just a question about whether or not it made sense economically for farmers to use these things, that would, that's only that's a very small question relative to the larger question about.

0:55:0.500 --> 0:55:2.510

Earl Ransom

You know, all the other potential impacts.

0:55:4.140 --> 0:55:4.370

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OK.

0:55:3.470 --> 0:55:4.570

Earl Ransom

Economic or otherwise.

0:55:5.580 --> 0:55:7.480

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OK. Any other answer?

0:55:9.970 --> 0:55:12.110

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So for environment here.

0:55:13.330 --> 0:55:18.700

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I'm just don't wanna make an assumption that means water pollinators.

0:55:19.450 --> 0:55:35.320

7dcef74d-5e84-4724-8c62-bd59f6487761

Yep. Does it mean things? Cause when I jumped on the board, I looked in the literature and saw stuff on amphibians being impacted through water movement. So that's really what we're talking about is the whole broad living things and things like water as well.

0:55:36.910 --> 0:55:38.480

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The environments pretty broad.

0:55:39.970 --> 0:55:51.50

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So so this is exactly why we need to be doing as far as this work thing goes. So. So it sounds like D is one of the first things we need to tackle, right? So let's why don't we fill out the table for D?

0:55:51.130 --> 0:55:51.700

7dcef74d-5e84-4724-8c62-bd59f6487761

Mm-hmm.

0:55:52.800 --> 0:56:3.750

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And then you know, and if we don't get the whole thing done today, at least we'll get a start and then we know kind of where we can perfect this as we go forward too. So let's let's so this is the work plan.

0:56:4.590 --> 0:56:5.560

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For the board.

0:56:6.470 --> 0:56:15.890

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You know the in order to get to the end goal of having these BMP's, we need to consider relative toxicities and effects on human health environment, OK.

0:56:16.520 --> 0:56:31.190

7dcef74d-5e84-4724-8c62-bd59f6487761

So what do we have to decide on this morning? So something so first I I like to start off. What? What information do we need? So some things that are here but we can strike or.

0:56:31.270 --> 0:56:40.640

7dcef74d-5e84-4724-8c62-bd59f6487761

Umm and definitely add more. So let review of relevant research. Identify. So that's part of what Jill.

0:56:41.980 --> 0:56:52.660

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Presented to us this morning, this afternoon is identify new Nick treated seeds available in Vermont so that we can narrow it right. Like so you know what chemicals we're talking about.

0:56:54.190 --> 0:57:2.510

7dcef74d-5e84-4724-8c62-bd59f6487761

Human health and the environment risk assessment of each active ingredient with a lens of use untreated seed. So kind of.

0:57:4.40 --> 0:57:14.250

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But that's, I mean, that's super broad. Yeah, so, so this is so this is a question directly to the board members. If you're going to.

0:57:17.450 --> 0:57:33.70

7dcef74d-5e84-4724-8c62-bd59f6487761

Manga recommendation on on the relative toxicities effects of human health and environment. What information do you need the other than the are the ones that Morgan identified? Partnet? Are there other things that are pertinent to that consideration?

0:57:34.320 --> 0:57:49.620

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Do we need to break them down into categories? Maybe a little bit like the water pollinator, the human health side because, you know, I assume not every source is going to cover those ranges versus trying to identify what are those primary concerns?

0:57:50.280 --> 0:57:52.290

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And then finding some sort of.

0:57:53.410 --> 0:57:56.350

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You know, resources for those.

0:57:58.130 --> 0:58:8.390

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So like this, John, feel like you wanna break it into like impact the water impact the human well, there's the ecological risk assessments that are done by EPA cover.

0:58:9.160 --> 0:58:12.670

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Pretty much all of that, they cover impacts on organisms.

0:58:14.130 --> 0:58:20.360

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Broadly, which includes, you know, various media that the Organism to live in, so.

0:58:21.110 --> 0:58:21.900

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So I would.

0:58:23.370 --> 0:58:27.880

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Suggest that doing a review of the ecotoxicology.

0:58:30.140 --> 0:58:34.730

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Studies done by EPA would be part of the consideration for the board. I think that would cover a lot of that.

0:58:37.450 --> 0:58:38.250

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I'm Sarah.

0:58:38.910 --> 0:58:39.750

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You have your hand up.

0:58:40.330 --> 0:58:51.190

Owen, Sarah

Yeah. Thanks, Steve. Do we know if those, if the human health risk assessments are the eco assessments include treated seeds as a potential exposure pathway?

0:58:52.810 --> 0:58:55.830

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I do not know, but that's certainly one of the things we need to find out.

0:58:56.630 --> 0:59:23.900

Owen, Sarah

OK. Yeah. Because I mean, I agree that, you know, like you're just saying those, you know, the human health risk assessments are certainly in depth and they do consider human health exposure to every pathway, you know, drinking water or food, etcetera. So to I haven't looked at one recently for a neuronics, but I think that's the big question for me is whether or not EPA has included treated seeds at the as a pathway because if so, we've got a ton of information to get started on.

0:59:24.830 --> 0:59:27.250

7dcef74d-5e84-4724-8c62-bd59f6487761

OK, so we need, we need definitely need to I.

0:59:28.40 --> 0:59:31.910

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Include that point and whatever we're evaluating.

0:59:41.590 --> 0:59:41.830

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Right.

0:59:36.220 --> 0:59:43.620

Owen, Sarah

Yeah. So do EPA, ECO and health risk assessments cover treated seeds, you know, different assessments. But I think they do them the same way.

0:59:44.750 --> 0:59:44.960

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Right.

0:59:45.750 --> 0:59:58.360

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I would say any of the research or things we assess needs to pertain to not just the LD 50 of the particular active ingredient, but it's pertaining to the treated seed pathway pathway. Yeah, right.

0:59:59.800 --> 1:0:0.180

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Yes.

1:0:1.30 --> 1:0:16.160

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So it wouldn't be the you couldn't serve, you couldn't look up this information and the proxy be the active ingredient in any pathway. It actually has to be as applied to a seed is that I just want to confirm. That's yeah, perfect. Yeah.

1:0:16.240 --> 1:0:19.200

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But we, but we don't know if that exists.

1:0:19.930 --> 1:0:41.90

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Right. Again, that's. That's information for the board to consider when making the recommendations. So. So the pathway would include not only the material washing off the seat into the soil, but also the dust of the planting, because the pollinators tend to go after the corn dust because his high protein in there.

1:0:41.880 --> 1:0:44.210

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And you're looking for that that time of year?

1:0:47.0 --> 1:0:48.990

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So the whole mechanism of planting.

1:0:50.320 --> 1:0:51.340

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Would be part of it.

1:0:53.730 --> 1:1:0.750

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Right. And and again, so I you know we're working on this work plan here. So this is something that the board wants to know about to consider.

1:1:3.260 --> 1:1:10.630

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And so we've identified and we can always add things to it as we go too. So it's not like, you know, this is the one time thing.

1:1:11.260 --> 1:1:22.920

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So the next question is do what resources do we already have? I mean, what information have you already considered that addresses this or or have you gotten that information already?

1:1:23.800 --> 1:1:25.70

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The previous meetings.

1:1:27.730 --> 1:1:31.600

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Terry has a panda, but I don't know if he's gonna answer your question, Terry.

1:1:32.580 --> 1:1:33.230

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OK.

1:1:30.940 --> 1:1:33.620

Terence Bradshaw

Now I think I might. I think I might sort of.

1:1:35.200 --> 1:1:35.970

Terence Bradshaw

You know.

1:1:36.850 --> 1:1:57.340

Terence Bradshaw

This is something you literally could put someone on to a a masters or even PhD level projects. At least the the the literature review. I've got a separate window open just poking through some of the Google Scholar papers and there's of course been a ton of more work in the last five or six years. All the questions that have come up.

1:1:59.20 --> 1:2:27.470

Terence Bradshaw

I've been, I've been somehow addressed in some of the research literature that's out there. I don't we don't a we're not gonna do it justice by me. Just side barring it here and spitting it back during this meeting B, it's gonna take some someone or someone's plural. Some real time. I think the screen through at least some of the review articles that kind of summarized this, but it's out there and I think it's just a matter of of tasking.

1:2:28.30 --> 1:2:37.40

Terence Bradshaw

Some one and I guess technically that's the board, although I don't know how many people on the board are you used to actually reading scientific papers.

1:2:38.800 --> 1:2:44.390

Terence Bradshaw

So we'll talk about, I think the mechanism how we collect this. But as long as we dedicate some.

1:2:45.910 --> 1:2:47.70

Terence Bradshaw

Mental power to it.

1:2:47.710 --> 1:2:48.550

Terence Bradshaw

It's all out there.

1:2:53.910 --> 1:2:54.170

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So.

1:2:54.890 --> 1:2:58.160

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Actually, Terry, you just segued into the next two.

1:2:58.260 --> 1:3:9.910

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Uh panels, which is board member response or staff responsibility in the strategy. So you're you're gonna talking about it as the strategy and how we're going to do it and so.

1:3:11.430 --> 1:3:13.220

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So Morgan has some ideas about that.

1:3:15.430 --> 1:3:23.110

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Ohh right. Well, I mean, what's there? Options like you said, Terry, it's it's a big.

1:3:23.190 --> 1:3:26.460

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Umm. Undertaking so?

1:3:27.980 --> 1:3:41.390

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Either contract with someone or utilize an agency resource to complete an in-depth lit review. There is, and maybe people who are affiliated with UVM, whether we can get.

1:3:42.60 --> 1:3:51.950

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Someone from the legislature to request it to utilize the Vermont Legislative Resource Service at UVM. I don't know the ends and outs of that.

1:3:53.400 --> 1:4:6.150

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But I threw it on there. We can also utilize some contacts in EPA to talk through their someone in the environmental fate and effects decision that shared doesn't get at.

1:4:8.250 --> 1:4:10.370

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No, no, it doesn't do the human. Yeah, yeah, yeah. Human too.

1:4:10.650 --> 1:4:11.160

Terence Bradshaw

Yeah.

1:4:12.190 --> 1:4:21.670

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So, but those are options that are there. I don't know whether the legislative Research service, I don't know how viable an option that is, but if someone knows more about that.

1:4:22.620 --> 1:4:26.210

Terence Bradshaw

I I mean, I'll raise my hand to be technical. There you go.

1:4:27.920 --> 1:4:46.410

Terence Bradshaw

I'm gonna guess that that group doesn't necessarily have the the sign. You know the background knowledge. Maybe I don't. Maybe I'm wrong. I don't remember. They find people who do. I do like the saying that the legislative resource service, you know, to do a specific topical literature review.

1:4:47.630 --> 1:5:8.940

Terence Bradshaw

I do love the idea of the of tapping the EPA cause they do these reviews all the time and I know that there's some scrutiny of their reviews, but it's a pretty methodical process and they may be, you know, they have to do them every so many years. So they may be on the, you know, as far out from the sun as we would want it to be in terms of, you know, timeliness of information.

1:5:10.310 --> 1:5:12.610

Terence Bradshaw

But depending on who our contacts are.

1:5:14.350 --> 1:5:17.280

Terence Bradshaw

I suspect Steve still knows a few folks down there in Washington.

1:5:18.560 --> 1:5:31.250

Terence Bradshaw

We may be able to find someone who can kind of give us a synopsis of the relevance of the of the data that's out there, the timeliness of the data that's out there and sort of where, where the EPA has gotten some of its.

1:5:31.340 --> 1:5:31.760

Terence Bradshaw

But.

1:5:32.940 --> 1:5:36.480

Terence Bradshaw

You know it standings on there based upon the data that's out there.

1:5:40.210 --> 1:5:42.610

Terence Bradshaw

Notice I'm not offering for myself to do a lit review.

1:5:46.80 --> 1:5:47.690

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You were just looking for something to do.

1:5:49.940 --> 1:5:50.560

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Sarah.

1:5:51.410 --> 1:5:52.280

Owen, Sarah

Yeah.

1:5:53.590 --> 1:6:18.440

Owen, Sarah

I can offer to dig into the EPA document, so I have a couple of them open and I would first want to get in touch with the chemical manager for so I'd looked up imidacloprid stuff and I can do that with somebody from agg. I have a little bit of potential concern about farming, at least the human health of farming, farming, the human health question out to an undergraduate or even graduate level.

1:6:19.750 --> 1:6:23.80

Owen, Sarah

Group at UVM because I I think I.

1:6:24.110 --> 1:6:37.60

Owen, Sarah

Have some responsibility on the board to answer for the health department so I can take on some of I can. I can at least come up with an opinion on the human health part of that question with EPA resources and EPA.

1:6:38.400 --> 1:6:40.30

Owen, Sarah

Uh chemical managers?

1:6:40.820 --> 1:6:45.530

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OK, so we can put that in the board members responsible.

1:6:47.310 --> 1:6:48.560

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Thank you, Sarah.

1:6:56.360 --> 1:7:4.710

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Yeah, so this is exactly what we need to do to develop work plans, identify what it is we're going to consider. What kind of information we need, where we could possibly get it.

1:7:5.290 --> 1:7:5.700

7dcef74d-5e84-4724-8c62-bd59f6487761

Uh.

1:7:8.720 --> 1:7:15.570

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And I I think you know the next panel there, does AB have enough information? I think the answer is no at this point.

1:7:16.340 --> 1:7:27.760

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And that that would be completed as we go forward. Yeah. So in terms of timeline, it sounds like this is one of the earlier things that we'll wanna consider as a board, right?

1:7:29.0 --> 1:7:31.830

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But we need time to develop the information so.

1:7:32.650 --> 1:7:48.890

7dcef74d-5e84-4724-8c62-bd59f6487761

What are we thinking about when we should have a target for consideration of this type of activity by the this kind of with September being with the end. So we need like way before that yeah like July or something or or June or?

1:7:49.580 --> 1:7:53.360

Owen, Sarah

I I honestly think we should start in the next couple of weeks.

1:7:54.470 --> 1:8:8.310

Owen, Sarah

I I I would love to finish something before deadline, so I would say let's make some progress. I mean and Steve this is up to however you want to work at. I'm happy to reach out to the chemical manager on my own or if you wanna sort of connect us.

1:8:6.970 --> 1:8:28.560

7dcef74d-5e84-4724-8c62-bd59f6487761

Uh, yeah. Wherever you want to do it. If you need our help. Wanna snow? But he certainly can do it. But I'm suggesting is, you know, so this information needs to come for the board for discussion. And it may

be more than one session for the board. But at some point the information needs to come back to the board as the board has to think about it and and make some.

1:8:29.610 --> 1:8:38.940

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Recommendations. Would it be helpful to have it on the next agenda just like on this particular one? But if we might go into because we're looking at it now or see game.

1:8:40.30 --> 1:9:0.590

7dcef74d-5e84-4724-8c62-bd59f6487761

There me an update on the at the next meeting, and then maybe another one of these topics like I feel like we need to. Sorry I'm not on the board, but I'm providing an opinion. I feel like we need to address the couple of these items. Maybe not all of them right now and then have an update. Yeah. Yeah, yeah. So that we can have a couple things going on at once. What's the pleasure of the board?

1:9:1.700 --> 1:9:2.650

Owen, Sarah

Yes, I agree.

1:9:3.280 --> 1:9:4.790

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I agree, so updates.

1:9:4.400 --> 1:9:15.880

Owen, Sarah

Yeah, at least a yes. No, on whether EPA has assessed this question, you know, because if the if the data is out there, then we have an easier Rd. If the data is not out there, then I think we're gonna have to have a.

1:9:17.270 --> 1:9:18.680

Owen, Sarah

Brainstorm session.

1:9:19.360 --> 1:9:20.490

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Right. OK.

1:9:21.980 --> 1:9:35.240

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That would be my opinion. Include the next update would be what have we got for things lined up as far as lit review and other things on on the other side beyond the human impact. OK, piece OK. If we can spend the next.

1:9:36.0 --> 1:9:47.170

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Period in time coming up with, you know, if we can get someone's third party to do a lit review or something on some of these other agricultural pieces and how it pertains to those other.

1:9:48.600 --> 1:9:49.990

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Environmental pieces.

1:9:50.830 --> 1:9:52.280

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OK. Well one.

1:9:54.100 --> 1:9:55.10

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Possibility.

1:9:56.100 --> 1:10:1.610

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Would be. There are Terry. You've already mentioned that there are some sort of review articles.

1:10:4.930 --> 1:10:5.280

7dcef74d-5e84-4724-8c62-bd59f6487761

Yeah.

1:10:3.170 --> 1:10:10.20

Terence Bradshaw

Ohh, there's piles of them. Depending on what angle that you're looking for, what country it comes from, which what they're looking at, there's.

1:10:11.70 --> 1:10:13.740

Terence Bradshaw

Yeah. At this point in the game, there's there's quite a few.

1:10:14.950 --> 1:10:15.280

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OK.

1:10:15.150 --> 1:10:15.940

Terence Bradshaw

Economics.

1:10:16.590 --> 1:10:17.160

Terence Bradshaw

Human health.

1:10:18.390 --> 1:10:19.430

Terence Bradshaw

Of course, of course.

1:10:15.350 --> 1:10:33.210

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Like, there's also significant opinions on both sides. Well, sure that you know, they need to be weighed

out and evaluated. That's what properly, that's what the board is for. The well, I was gonna suggest that, Terry, if you can provide us with a list of the ones you're aware of.

1:10:34.140 --> 1:10:34.880

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That.

1:10:38.180 --> 1:10:44.460

7dcef74d-5e84-4724-8c62-bd59f6487761

Plus, I mean, I'm. I'll talk about the staff of Farm, including myself. We can take a look at those review articles that focus on.

1:10:45.550 --> 1:10:47.50

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The northeast US.

1:10:47.760 --> 1:10:48.150

Terence Bradshaw

Mm-hmm.

1:10:49.810 --> 1:10:54.810

7dcef74d-5e84-4724-8c62-bd59f6487761

And have a you know, sort of an idea of what's out there and what what they're saying by the next meeting.

1:10:55.760 --> 1:11:0.200

Terence Bradshaw

Human environment is what we're looking at right now. Specifically right now under D.

1:11:1.240 --> 1:11:3.810

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Well, human and environment and.

1:11:3.430 --> 1:11:7.430

Terence Bradshaw

Human and yeah, it's I, I. I slurred the Ant, human and environment.

1:11:15.80 --> 1:11:15.590

Terence Bradshaw

Hmm.

1:11:6.700 --> 1:11:16.560

7dcef74d-5e84-4724-8c62-bd59f6487761

Yeah. And so, So what I think what I'm I'm asking is specifically on the environmental effects. I think Sarah is gonna and is the appropriate person to look at the human health part of it.

1:11:18.220 --> 1:11:19.150

7dcef74d-5e84-4724-8c62-bd59f6487761

And.

1:11:20.670 --> 1:11:25.520

7dcef74d-5e84-4724-8c62-bd59f6487761

We would take a look at the other parts of it just to see what's out there and and report back to the board.

1:11:34.80 --> 1:11:34.430

Terence Bradshaw

Yeah.

1:11:26.180 --> 1:11:48.180

7dcef74d-5e84-4724-8c62-bd59f6487761

And of course, anybody, any board members, certainly welcome to do that too, but just provide articles to, yeah, agency for a lit review or review them themselves or whatever or. Yeah, but what I'm saying is under this board member staff responsibilities, Sara's already said she's going to do some stuff with the human health side. We're.

1:11:48.860 --> 1:11:52.820

7dcef74d-5e84-4724-8c62-bd59f6487761

I'm committing our US to do some stuff on the environmental side.

1:11:56.420 --> 1:12:0.640

7dcef74d-5e84-4724-8c62-bd59f6487761

But we need your help there. If you can identify those things, save us a little.

1:12:0.10 --> 1:12:4.600

Terence Bradshaw

That made it all the way to sticky note territory, so that that's those are the things that get done.

1:12:5.650 --> 1:12:6.420

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Mean something?

1:12:7.510 --> 1:12:8.30

Terence Bradshaw

Yeah.

1:12:7.860 --> 1:12:12.90

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Alright then how? How are folks? Anybody? Hands up or?

1:12:14.380 --> 1:12:16.320

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OK, alright. So we got one down.

1:12:20.750 --> 1:12:23.420

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OK, so both of those are by by March.

1:12:23.880 --> 1:12:26.110

7dcef74d-5e84-4724-8c62-bd59f6487761

Yeah, but we're OK, update. Yeah.

1:12:28.270 --> 1:12:32.140

7dcef74d-5e84-4724-8c62-bd59f6487761

OK, so the the board wants to think about that obviously early on.

1:12:32.770 --> 1:12:33.430

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So.

1:12:34.610 --> 1:12:35.620

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There are.

1:12:38.720 --> 1:12:43.270

7dcef74d-5e84-4724-8c62-bd59f6487761

A couple of other things that that we may have information out there already.

1:12:44.230 --> 1:12:49.240

7dcef74d-5e84-4724-8c62-bd59f6487761

Or that, I think Heather Darby can give us information about at the March meeting.

1:12:50.460 --> 1:12:51.810

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And that would be I think.

1:12:53.420 --> 1:12:56.50

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E, which is surveillance and modern techniques.

1:12:58.440 --> 1:12:59.220

7dcef74d-5e84-4724-8c62-bd59f6487761

And.

1:13:2.330 --> 1:13:4.500

7dcef74d-5e84-4724-8c62-bd59f6487761

I think that's probably it. It may be F.

1:13:6.650 --> 1:13:14.230

7dcef74d-5e84-4724-8c62-bd59f6487761

Umm, but definitely surveillance and monitoring these, I mean that's something that heathers working on right now and it's familiar with.

1:13:15.880 --> 1:13:16.560

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So.

1:13:17.180 --> 1:13:29.450

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We should maybe what we should do is put that on for the March meeting also for an update and ask other specifically to address that issue. Yep. And she already has said yes, that she can address both E&F. OK, OK, good.

1:13:34.730 --> 1:13:35.280

7dcef74d-5e84-4724-8c62-bd59f6487761

Yeah, go ahead.

1:13:40.530 --> 1:13:40.850

7dcef74d-5e84-4724-8c62-bd59f6487761

Yeah.

1:13:33.270 --> 1:13:43.460

Terence Bradshaw

I'll pipe in again. It seems like a E&F are all kind of like fundamental I PM concepts.

1:13:44.880 --> 1:13:53.730

Terence Bradshaw

You know, threshold monitoring and you know, cultural management. So it seems like those ought to be sort of considered as a as a unit.

1:13:55.220 --> 1:13:55.710

7dcef74d-5e84-4724-8c62-bd59f6487761

Yep.

1:13:59.300 --> 1:14:5.190

7dcef74d-5e84-4724-8c62-bd59f6487761

So we probably should put timeline. We'll probably unless we have something that's outstanding and if there's specific.

1:14:6.70 --> 1:14:8.880

7dcef74d-5e84-4724-8c62-bd59f6487761

Right now, Heather just has the.

1:14:9.600 --> 1:14:12.510

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You know, like the topic. So if there's something.

1:14:13.200 --> 1:14:14.810

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Specific that the board.

1:14:16.300 --> 1:14:20.770

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I mean, she has this topic in the context of what we're trying to do as a board, so right.

1:14:23.140 --> 1:14:25.90

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But if there's something specific.

1:14:25.770 --> 1:14:33.510

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Let me know and I can relay it to Heather that if there's specific questions that we want to get at other than.

1:14:33.850 --> 1:14:34.440

7dcef74d-5e84-4724-8c62-bd59f6487761

Umm.

1:14:35.580 --> 1:14:40.610

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Like our main objective here, right. And we're gonna obviously have conversations there multiple times.

1:14:41.600 --> 1:14:42.110

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So.

1:14:45.880 --> 1:14:50.600

7dcef74d-5e84-4724-8c62-bd59f6487761

Another topic I think that we could probably get a pretty.

1:14:51.780 --> 1:14:57.290

7dcef74d-5e84-4724-8c62-bd59f6487761

Good idea of fairly early process is being which is the availability of non.

1:14:58.430 --> 1:14:59.920

7dcef74d-5e84-4724-8c62-bd59f6487761

And yeah.

1:15:1.170 --> 1:15:7.620

7dcef74d-5e84-4724-8c62-bd59f6487761

So maybe we should shoot for that early in the process to like in April maybe. Yep, yeah.

1:15:10.290 --> 1:15:10.880

7dcef74d-5e84-4724-8c62-bd59f6487761

Ohh boy.

1:15:13.0 --> 1:15:13.440

7dcef74d-5e84-4724-8c62-bd59f6487761

Sorry guys.

1:15:19.930 --> 1:15:22.60

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Also, I'm throwing out dates.

1:15:23.350 --> 1:15:25.60

7dcef74d-5e84-4724-8c62-bd59f6487761

On the second tab.

1:15:25.790 --> 1:15:30.390

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This is me. Obviously these blocks can be moved around, but this row 2.

1:15:32.20 --> 1:15:39.640

7dcef74d-5e84-4724-8c62-bd59f6487761

I'm literally just picking a similar, you know, the similar like the third or fourth Monday in the month.

1:15:42.750 --> 1:15:56.110

7dcef74d-5e84-4724-8c62-bd59f6487761

To get at. So that's why that's where March 27th came from. And then I'll put hold. We'll put the talent right now, we don't have calendar invites beyond today, but that's where these states are coming from. And so we were hoping.

1:15:57.370 --> 1:16:2.300

7dcef74d-5e84-4724-8c62-bd59f6487761

Based on our what we were asking for in the work plan.

1:16:4.570 --> 1:16:9.20

7dcef74d-5e84-4724-8c62-bd59f6487761

Of whether these can be on the. So the question for the board whether.

1:16:10.90 --> 1:16:14.0

7dcef74d-5e84-4724-8c62-bd59f6487761

You want me to put a hold out for every month right now?

1:16:14.780 --> 1:16:28.990

7dcef74d-5e84-4724-8c62-bd59f6487761

And then it's there and then it's a bonus if we don't need a meeting every month or whether you want to cut months out right now. So I guess that's a question out for the board, while we're talking about specific getting things done by specific dates, but.

1:16:29.780 --> 1:16:30.150

7dcef74d-5e84-4724-8c62-bd59f6487761

Right.

1:16:31.200 --> 1:16:35.710

7dcef74d-5e84-4724-8c62-bd59f6487761

So this is so picking that through September and then I kind of.

1:16:36.220 --> 1:16:49.320

7dcef74d-5e84-4724-8c62-bd59f6487761

You know, it gets tricky around the holiday. So then I picked one early in December rather than to like skipping the end of November and the end of December. So kind of put one in early December instead and then and then January.

1:16:51.410 --> 1:16:52.360

7dcef74d-5e84-4724-8c62-bd59f6487761

Not after.

1:16:53.650 --> 1:16:56.230

7dcef74d-5e84-4724-8c62-bd59f6487761

Yes, exactly. Yeah. I can put one in.

1:16:58.190 --> 1:17:1.100

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I guess I wasn't thinking about this isn't gonna.

1:17:3.590 --> 1:17:14.960

7dcef74d-5e84-4724-8c62-bd59f6487761

Yeah. So this is something for the board to consider. I mean, there is a lot of work to do and so the work plan that we're proposing is pretty much a meeting every month.

1:17:16.600 --> 1:17:20.420

7dcef74d-5e84-4724-8c62-bd59f6487761

Except for November. December, right. Yeah, yeah.

1:17:24.90 --> 1:17:27.150

7dcef74d-5e84-4724-8c62-bd59f6487761

I mean, it's a big a big lift, have a lot of work to do.

1:17:26.710 --> 1:17:27.360

Terence Bradshaw

Mm-hmm.

1:17:30.530 --> 1:17:32.320

7dcef74d-5e84-4724-8c62-bd59f6487761

OK. So I guess so all.

1:17:32.950 --> 1:17:44.70

7dcef74d-5e84-4724-8c62-bd59f6487761

Put holds out for all of them. Is that what is that good with everybody? I'm seeing nods in the room, just nods on the screen too. OK, great.

1:17:45.660 --> 1:17:47.930

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Thank you. It's hard to see everybody.

1:17:54.410 --> 1:18:3.610

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So, OK, so we said April 1st, so availability of non treated article feeds that are not neonics, right?

1:18:9.150 --> 1:18:9.520

Terence Bradshaw

Yeah.

1:18:6.310 --> 1:18:12.830

7dcef74d-5e84-4724-8c62-bd59f6487761

That's a little hanging fruit, I think. Yeah. Yeah. So we're OK with April on that. Yeah. So was my April the 24th.

1:18:16.460 --> 1:18:17.370

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So anyway, we have what?

1:18:19.40 --> 1:18:20.850

7dcef74d-5e84-4724-8c62-bd59f6487761

So we have.

1:18:24.610 --> 1:18:30.340

7dcef74d-5e84-4724-8c62-bd59f6487761

Just got the C and so the person who is responsible. So this is yes so that's yeah.

1:18:31.190 --> 1:18:32.150

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OK, that's true.

1:18:33.790 --> 1:18:36.840

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Basically, they didn't get a question mark over here it is.

1:18:39.220 --> 1:18:40.220

7dcef74d-5e84-4724-8c62-bd59f6487761

Might be calling for help.

1:18:41.540 --> 1:19:3.400

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So I mean, is there an idea of how that's going to be a survey of distributors or so we have our reporting and so and we have the active ingredients that are applied to seeds. We're waiting for some more reports by the end of this month, but we'll be able to determine whether or not we have non neuronic treated seeds that are being sold in our.

1:19:3.600 --> 1:19:36.340

7dcef74d-5e84-4724-8c62-bd59f6487761

But we know we have neonet treated scenes so we don't have the volume of each or the reliability. Plus we are developing a relationship with the senior industry, but the word is available versus you know if you're implying that there what's not treated and what's there, that's only there for a specific reason, right. You know I think the greater question is the availability from these distributors of if it was, if it was needed, but what's the availability and what are the constraints and what are the options. And I think that's the bigger picture that that's trying to get at versus.

1:19:36.400 --> 1:19:52.130

7dcef74d-5e84-4724-8c62-bd59f6487761

Right. Yeah, we know there's some soul, but there's a reason it's what, 10% or whatever, I mean, that

that's to me, that's irrelevant. But we are, we are having conversation. We kind of asked a couple of questions regarding seed treatments and what.

1:19:52.790 --> 1:20:7.260

7dcef74d-5e84-4724-8c62-bd59f6487761

Can you get them all the carts? Can you ask for them? And there are certainly restrict, you know, limitations based on scale of an operation and timeline for when you can actually ask for that doesn't. That's just broadly the seed treatment.

1:20:7.740 --> 1:20:13.360

7dcef74d-5e84-4724-8c62-bd59f6487761

My guess is you have a handful of people providing any percent of the total seed sold in this state.

1:20:14.180 --> 1:20:27.350

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Just my assumption, and so those would be the people, in my opinion that we need to ask those questions need to be asked. What is your criteria if we if there's going to be no tree to see here, what's your criteria?

1:20:28.410 --> 1:20:50.510

7dcef74d-5e84-4724-8c62-bd59f6487761

I don't know if we're gonna ask. Well, well, we can't. We can't. That's my. That's my thing. I would like that as a Member. I would like that to be added. I wanna know, right, you know, right. What if this board makes the decision or makes a recommendation, which is kind of what we're getting at to ask what's the percussions? What? What is it going to change the way that's industry works?

1:20:53.20 --> 1:21:11.0

7dcef74d-5e84-4724-8c62-bd59f6487761

Can I just ask a follow up or are you saying just non new anything zeroid treatment and plain untreated seeds or just one or the other? It says no Nick so I would assume that you could ask in general no one that could totally OK treatments.

1:21:18.700 --> 1:21:20.250

Terence Bradshaw

I'll pipe up if I can now.

1:21:21.390 --> 1:21:54.350

Terence Bradshaw

I think I think the question is sort of the inverse, unless I'm hearing something backwards, it's not my understanding that some of the concern is we could a farmer could say I don't want to use neonet treated seed in my field for whatever reason and whether it's true or not or if it's just a trope, the the suggestion is that they have this constrained choice because all that is available on the market is treated seeds. So there's not even an option not to. And I think that's what this is digging into is to.

1:22:3.540 --> 1:22:3.800

7dcef74d-5e84-4724-8c62-bd59f6487761

Yeah.

1:21:54.580 --> 1:22:11.560

Terence Bradshaw

Is to look at the the the truth thereof, and then see whether or not there's anything that can be done to adjust that if need be. So it's not so much about whether or not things are available if people want them, it's whether or not things are available without treatments. If people choose not to want them.

1:22:12.410 --> 1:22:13.690

Terence Bradshaw

For our total not to use them.

1:22:14.560 --> 1:22:15.670

7dcef74d-5e84-4724-8c62-bd59f6487761

In one of the constraints.

1:22:16.820 --> 1:22:21.130

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Yeah, because you may be able to do it, but you may have to make your commitment in October versus.

1:22:21.250 --> 1:22:21.550

Terence Bradshaw

Yeah.

1:22:22.630 --> 1:22:22.950

7dcef74d-5e84-4724-8c62-bd59f6487761

Umm.

1:22:23.220 --> 1:22:25.260

Terence Bradshaw

And if it's that simple, then it maybe that's simple.

1:22:28.430 --> 1:22:31.730

7dcef74d-5e84-4724-8c62-bd59f6487761

Yeah. And I think that's what's envisioned by this whole, you know.

1:22:32.540 --> 1:22:36.490

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Set of things that legislature wanted the board to consider.

1:22:47.20 --> 1:22:47.870

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So that.

1:22:51.90 --> 1:22:52.160

7dcef74d-5e84-4724-8c62-bd59f6487761

Are we still?

1:22:53.130 --> 1:22:57.630

7dcef74d-5e84-4724-8c62-bd59f6487761

Responsible still. And Stephanie with all those things, OK.

1:22:58.920 --> 1:22:59.240

7dcef74d-5e84-4724-8c62-bd59f6487761

Making.

1:23:0.430 --> 1:23:4.200

7dcef74d-5e84-4724-8c62-bd59f6487761

Actually, you know what I'd like to do at this point? Umm. First of all, does everybody need to take a break?

1:23:5.150 --> 1:23:5.880

7dcef74d-5e84-4724-8c62-bd59f6487761

We all good.

1:23:7.70 --> 1:23:7.370

Terence Bradshaw

Good.

1:23:7.170 --> 1:23:13.900

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OK, what I'd like to do is shift from the work plan to the decision making process.

1:23:15.0 --> 1:23:18.830

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So we talked about that a little bit, it might some of this might make more sense.

1:23:22.650 --> 1:23:23.320

7dcef74d-5e84-4724-8c62-bd59f6487761

So.

1:23:25.800 --> 1:23:28.610

7dcef74d-5e84-4724-8c62-bd59f6487761

This do people have this electronically?

1:23:29.510 --> 1:23:32.420

7dcef74d-5e84-4724-8c62-bd59f6487761

Uh, they don't. Yet what you said to him.

1:23:33.320 --> 1:23:34.390

7dcef74d-5e84-4724-8c62-bd59f6487761

I am.

1:23:38.590 --> 1:23:41.790

7dcef74d-5e84-4724-8c62-bd59f6487761

Folks in the room have it, folks. The room, you guys.

1:23:43.850 --> 1:23:45.450

7dcef74d-5e84-4724-8c62-bd59f6487761

That's what the folks online to get it.

1:23:58.940 --> 1:23:59.980

7dcef74d-5e84-4724-8c62-bd59f6487761

OK, OK.

1:24:1.30 --> 1:24:14.350

7dcef74d-5e84-4724-8c62-bd59f6487761

So I know people just got it, but it's all kind of summarize it and then we can get into a little more detail, but keeping in mind that the whole purpose of what the board is doing is making recommendations to the Secretary.

1:24:15.60 --> 1:24:18.70

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For the secretary, then proposed rules.

1:24:19.160 --> 1:24:21.350

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Regarding BMP's.

1:24:22.20 --> 1:24:37.680

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The information the secretary is going to need is what proposals were made and what board members thought about this proposal right. That, and I don't think it's appropriate to have a voting process per se, where the board votes on something and you know.

1:24:38.700 --> 1:25:8.170

7dcef74d-5e84-4724-8c62-bd59f6487761

I don't think that's what the secretary is going to be looking for. I think what's what's important is what were the proposals or what were the opinions of the board members about those proposals. OK. And there's actually two different things, proposals, so specific proposals about BMP's or threshold or whatever they are. But there's also reports. So there'll be a report on the health, human health effects and the environmental effects of neonicotinoids. And there'll be a report on.

1:25:8.570 --> 1:25:14.740

7dcef74d-5e84-4724-8c62-bd59f6487761

The availability of scenes and I kinda think all those both of roses and the reports have to be.

1:25:15.610 --> 1:25:32.770

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You know, weighed in on by the board members and that information provided to the Secretary. So what this proposal does is it lays out a way to do that for the two different types of things, whether it's a report or a proposal for, say, and.

1:25:33.870 --> 1:25:45.660

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I've we've also broken it up in between representatives of the agency and other AIB members and the reason is is because obviously we work for the Secretary and you know.

1:25:47.490 --> 1:25:57.270

7dcef74d-5e84-4724-8c62-bd59f6487761

I think gives us kind of an unfair advantage, which we don't want to have. So we want the Secretary to understand what the board thinks, what the board members think. OK, so we're going to separate out.

1:25:57.970 --> 1:26:4.800

7dcef74d-5e84-4724-8c62-bd59f6487761

The opinions of the agency members from the opinions of the rest of the food that makes any sense.

1:26:7.390 --> 1:26:20.880

7dcef74d-5e84-4724-8c62-bd59f6487761

So basically what this does is it's it's a real simple process, if it's a, if it's a proposal, then if a proposal is made either by the agency or a board member, then.

1:26:22.0 --> 1:26:22.910

7dcef74d-5e84-4724-8c62-bd59f6487761

We will.

1:26:24.190 --> 1:26:36.380

7dcef74d-5e84-4724-8c62-bd59f6487761

See, you know, individually each board member then will state where they support proposal or don't support the proposal. They don't support the proposal why they don't support the proposal and if there's any modification.

1:26:37.960 --> 1:26:41.400

7dcef74d-5e84-4724-8c62-bd59f6487761

That will allow that support to be given if not.

1:26:42.110 --> 1:27:12.80

7dcef74d-5e84-4724-8c62-bd59f6487761

Then we just record those and support those who are, and that's the end of that proposal, OK. And that's the information that goes to the secretary is, hey, this was the proposal I was made. You know, these are the Members that supported it. These are members who didn't and here's why. And then the secretary discussed, ultimately the Secretary is going to make the decision about what is in the BNP rule, right. It's his responsibility. And we're just providing the information and the thinking from the board.

1:27:12.700 --> 1:27:16.310

7dcef74d-5e84-4724-8c62-bd59f6487761

Same thing on reports if it. If it's a report.

1:27:18.270 --> 1:27:22.570

7dcef74d-5e84-4724-8c62-bd59f6487761

We'll see if the board accepts it. If the board members don't accept it.

1:27:24.70 --> 1:27:32.110

7dcef74d-5e84-4724-8c62-bd59f6487761

Why is there some additional information or modification that will result support? If not, that would just record who supported, we did and.

1:27:32.820 --> 1:27:38.710

7dcef74d-5e84-4724-8c62-bd59f6487761

Any Member can bring information to report. Any Member can bring a proposal.

1:27:39.760 --> 1:27:40.240

7dcef74d-5e84-4724-8c62-bd59f6487761

So.

1:27:40.890 --> 1:27:46.680

7dcef74d-5e84-4724-8c62-bd59f6487761

But we're not what I'm trying to get away from is that, you know, you know, system where we have votes and.

1:27:47.860 --> 1:27:53.360

7dcef74d-5e84-4724-8c62-bd59f6487761

Minority report and all that. It's just it's sort of a modified consensus process is what it is.

1:27:54.310 --> 1:27:58.890

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But it's a it's a process that allows all the information to be provided to the Secretary.

1:27:59.640 --> 1:28:1.220

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For for him to make the decision.

1:28:4.80 --> 1:28:5.230

7dcef74d-5e84-4724-8c62-bd59f6487761

So that's the proposal.

1:28:7.370 --> 1:28:8.630

7dcef74d-5e84-4724-8c62-bd59f6487761

So we have support to.

1:28:13.890 --> 1:28:15.320

7dcef74d-5e84-4724-8c62-bd59f6487761

I guess we need to see who supports them.

1:28:16.440 --> 1:28:16.870

7dcef74d-5e84-4724-8c62-bd59f6487761

It doesn't.

1:28:17.810 --> 1:28:26.720

7dcef74d-5e84-4724-8c62-bd59f6487761

I'll I'll say something. This seems like a very logical well laid out process for us to consider. OK, you know, I I think it.

1:28:27.660 --> 1:28:36.130

7dcef74d-5e84-4724-8c62-bd59f6487761

And it's useful to understand where the information is going to the secretary and and you know for them to consider, right. So I would support this, OK.

1:28:40.870 --> 1:28:41.300

7dcef74d-5e84-4724-8c62-bd59f6487761

Yep.

1:28:44.900 --> 1:28:46.890

7dcef74d-5e84-4724-8c62-bd59f6487761

Silence is acquiescence.

1:28:48.390 --> 1:29:12.170

7dcef74d-5e84-4724-8c62-bd59f6487761

Well, it won't be when we do the actual work that we do the actual code. You have to stay for the supported or not. Yeah. Now everyone seems to be just a simple if you are in disagreement, do you have time to draft or put your thoughts down to coincide or go with the opinion? Absolutely. Yeah. Again, the goal is to provide as much information to the Secretary as possible.

1:29:12.460 --> 1:29:16.0

7dcef74d-5e84-4724-8c62-bd59f6487761

On the on the the thinking of the board members.

1:29:17.340 --> 1:29:21.270

7dcef74d-5e84-4724-8c62-bd59f6487761

As to why something would work or wouldn't work, or you know.

1:29:23.350 --> 1:29:25.700

7dcef74d-5e84-4724-8c62-bd59f6487761

I mean we are we are kind of lucky that.

1:29:26.410 --> 1:29:35.500

7dcef74d-5e84-4724-8c62-bd59f6487761

It's not the board that's going to make the decision, it's the secretary and we just have to provide all the information to the Secretary for the Secretary to consider.

1:29:37.700 --> 1:29:38.540

7dcef74d-5e84-4724-8c62-bd59f6487761

That makes any sense.

1:29:41.720 --> 1:29:59.60

7dcef74d-5e84-4724-8c62-bd59f6487761

Yeah. So the second page of this is just like example, right, that you pulled out of like for example, what we're doing right now would work right way. So these are each of the things that the board's gonna have to either either report or a proposal that the board's gonna have to weigh in on.

1:30:2.320 --> 1:30:10.280

7dcef74d-5e84-4724-8c62-bd59f6487761

Because we are going to have to, you know, we are going to have to be a set of BMP's at the end of this. There'll be a set of BMP that.

1:30:11.560 --> 1:30:38.250

7dcef74d-5e84-4724-8c62-bd59f6487761

Will be proposed and and and just. In practice I think it's where primarily gonna be. You know, we're the agency will be the one that puts it together and provides it to the board and then the board will weigh in on each of the MP course. The board members could each submit a BMP too. If you want to. But but I've just the way things work and the fact everybody has jobs, you know, I think we'll we'll end up doing it. But the point is this is a process where we'll consider it.

1:30:39.810 --> 1:30:42.360

7dcef74d-5e84-4724-8c62-bd59f6487761

And the secretary will know what everyone thought about it.

1:30:49.500 --> 1:30:51.590

7dcef74d-5e84-4724-8c62-bd59f6487761

Clara isn't support has has.

1:30:53.910 --> 1:30:56.10

7dcef74d-5e84-4724-8c62-bd59f6487761

Voice support of this process.

1:30:58.870 --> 1:31:0.620

7dcef74d-5e84-4724-8c62-bd59f6487761

I was looking at the chat, I apologize.

1:31:3.360 --> 1:31:4.800

7dcef74d-5e84-4724-8c62-bd59f6487761

It's like 5 screens.

1:31:7.650 --> 1:31:9.560

7dcef74d-5e84-4724-8c62-bd59f6487761

As well as Sarah. So.

1:31:10.570 --> 1:31:18.990

7dcef74d-5e84-4724-8c62-bd59f6487761

Going well, OK. So we'll use this as the process and I'll put this up on the team site. It's not there yet, OK, but yeah, OK.

1:31:20.110 --> 1:31:26.200

7dcef74d-5e84-4724-8c62-bd59f6487761

And so now the question is, do we want to keep doing the work plan or do we have enough? Do we have enough progress at this point?

1:31:29.830 --> 1:31:35.670

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Or should we just keep working there? We still have about 3-3 topics I guess.

1:31:37.450 --> 1:31:44.440

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We only have one, one other half is a legislative bills update. No, no. I'll talk about on the OHS. I'm here on the work plan.

1:31:44.790 --> 1:31:56.20

7dcef74d-5e84-4724-8c62-bd59f6487761

Uh, yeah, I would love to talk a little bit more just because I feel like if there's specific people that we want to talk to. So I guess maybe I'm thinking of C right now, OK.

1:31:56.100 --> 1:31:59.280

7dcef74d-5e84-4724-8c62-bd59f6487761

Umm, I would love to reach out to them.

1:32:0.400 --> 1:32:4.620

7dcef74d-5e84-4724-8c62-bd59f6487761

Sooner rather than later, if we're talking about experts that are.

1:32:5.460 --> 1:32:9.550

7dcef74d-5e84-4724-8c62-bd59f6487761

OK, side of the VM and Vermont so.

1:32:10.320 --> 1:32:20.0

7dcef74d-5e84-4724-8c62-bd59f6487761

I I I had put this on just because of the C is determined economic impact from crop loss as compared to crop yield when next two seats are used.

1:32:21.610 --> 1:32:22.470

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I know that.

1:32:24.680 --> 1:32:36.830

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We I don't, it hasn't been widely disseminated in AIB, but I think it was kind of thrown around, I don't know, so else and Shields has a paper and these can come up.

1:32:37.560 --> 1:32:38.250

7dcef74d-5e84-4724-8c62-bd59f6487761

Perhaps.

1:32:38.330 --> 1:32:43.160

7dcef74d-5e84-4724-8c62-bd59f6487761

Umm, as other parts of lit review, we need to see with an economic.

1:32:44.880 --> 1:32:56.510

7dcef74d-5e84-4724-8c62-bd59f6487761

Lens of what's out there for relevant research and then so maybe that's the first step and then identify people that you might want to hear a little bit more from.

1:32:57.930 --> 1:32:59.820

7dcef74d-5e84-4724-8c62-bd59f6487761
So there's two corners and I don't know if.

1:33:0.520 --> 1:33:1.980

7dcef74d-5e84-4724-8c62-bd59f6487761
These are, I think, we're just.

1:33:2.830 --> 1:33:13.640

7dcef74d-5e84-4724-8c62-bd59f6487761
Umm. Principal authors of a few articles that I've seen as Elton Shields and Travis Kraut, both from Cornell. I don't know if anybody any member.

1:33:15.520 --> 1:33:19.500

7dcef74d-5e84-4724-8c62-bd59f6487761
Knows them or knows of them, but I was just thinking that was.

1:33:20.820 --> 1:33:23.250

7dcef74d-5e84-4724-8c62-bd59f6487761
A way to bring in a subject matter expert.

1:33:24.540 --> 1:33:33.380

7dcef74d-5e84-4724-8c62-bd59f6487761
But you guys can so maybe if it's we first have to identify literature and then identify people we'd like to hear from.

1:33:43.450 --> 1:33:43.890

7dcef74d-5e84-4724-8c62-bd59f6487761
Question.

1:33:51.200 --> 1:34:0.700

7dcef74d-5e84-4724-8c62-bd59f6487761
So I guess if we if we're focusing our literature review for March, we can definitely push this to the. So the only thing right now we have from.

1:34:1.590 --> 1:34:3.530

7dcef74d-5e84-4724-8c62-bd59f6487761
March, April is the seed.

1:34:4.110 --> 1:34:10.260

7dcef74d-5e84-4724-8c62-bd59f6487761
Umm, there might be obviously will be some follow-ups for the human and environmental.

1:34:11.630 --> 1:34:16.220

7dcef74d-5e84-4724-8c62-bd59f6487761
Update I think from March we probably won't be all comprehensive by then, but maybe.

1:34:17.920 --> 1:34:20.870

7dcef74d-5e84-4724-8c62-bd59f6487761

We can push that. We can talk about it more.

1:34:22.870 --> 1:34:25.830

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Meet me at this point, the beginning. In the next few months are pretty busy.

1:34:27.230 --> 1:34:33.660

7dcef74d-5e84-4724-8c62-bd59f6487761

You know, maybe that can be something a little in a couple months. I mean, we have quite a bit to do.

1:34:34.870 --> 1:34:44.0

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When it comes to the next two months, and to me that's that's, you know, a scientific analysis from those of the researcher that.

1:34:45.330 --> 1:34:48.380

7dcef74d-5e84-4724-8c62-bd59f6487761

No, hopefully should not be as much of an opinion or a value.

1:34:56.870 --> 1:35:3.760

7dcef74d-5e84-4724-8c62-bd59f6487761

I'm sure part of the lit review with are also significant identified. Some of those people that have those kind of expertise or knowledge.

1:35:15.200 --> 1:35:28.350

7dcef74d-5e84-4724-8c62-bd59f6487761

I just want to thank Earl and and Steve, they've also rented for the process. I'm giving thumbs up, I'm acknowledging. But then I feel like for the record, OK, I just mentioned that, OK. So did you get that, Morgan?

1:35:29.830 --> 1:35:30.220

7dcef74d-5e84-4724-8c62-bd59f6487761

OK.

1:35:37.380 --> 1:35:43.130

7dcef74d-5e84-4724-8c62-bd59f6487761

OK, so I'm hearing for this. So maybe we bring it back up.

1:35:45.760 --> 1:35:50.10

7dcef74d-5e84-4724-8c62-bd59f6487761

To plan for it, but not complete it.

1:35:51.340 --> 1:35:52.130

7dcef74d-5e84-4724-8c62-bd59f6487761

In.

1:35:53.20 --> 1:35:57.450

7dcef74d-5e84-4724-8c62-bd59f6487761

May so like we plan for like what our plan of action.

1:35:58.340 --> 1:35:59.90

7dcef74d-5e84-4724-8c62-bd59f6487761

For.

1:36:0.330 --> 1:36:8.90

7dcef74d-5e84-4724-8c62-bd59f6487761

Economic impact, then, for the future meetings I've done. So it's like we bring it up as a topic then to say, OK, let's talk about what we want to do, OK.

1:36:13.500 --> 1:36:14.450

7dcef74d-5e84-4724-8c62-bd59f6487761

And then.

1:36:15.210 --> 1:36:16.280

7dcef74d-5e84-4724-8c62-bd59f6487761

OK so.

1:36:27.320 --> 1:36:30.910

7dcef74d-5e84-4724-8c62-bd59f6487761

Right. So the only one we haven't talked about yet is it.

1:36:32.340 --> 1:36:35.760

7dcef74d-5e84-4724-8c62-bd59f6487761

Topic G and maybe the 1st.

1:36:37.690 --> 1:36:46.20

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The first place that we can start is kind of in the interpretation of what's written into. Let's spell out what, what, what.

1:36:48.90 --> 1:36:53.880

7dcef74d-5e84-4724-8c62-bd59f6487761

Want the objectives to be that meets this? OK? I I would like to.

1:36:54.740 --> 1:37:3.350

7dcef74d-5e84-4724-8c62-bd59f6487761

Get an opinion from our general counsel. OK. Just to what that means. Well, I like that. Let's do that first, then we'll know.

1:37:4.470 --> 1:37:7.150

7dcef74d-5e84-4724-8c62-bd59f6487761

But it is article seed.

1:37:8.510 --> 1:37:10.100

7dcef74d-5e84-4724-8c62-bd59f6487761

It's kind of a strange warning.

1:37:13.590 --> 1:37:14.400

7dcef74d-5e84-4724-8c62-bd59f6487761

Yeah.

1:37:15.880 --> 1:37:31.650

7dcef74d-5e84-4724-8c62-bd59f6487761

Treated article is a sort of a term that's used in pesticide regulation. So as opposed to the pesticide itself. So there are different criteria for regulation, whether it's a treated article versus the pesticide itself.

1:37:33.210 --> 1:37:48.390

7dcef74d-5e84-4724-8c62-bd59f6487761

So yeah, so I do think we need to get a legal opinion from our general counsels. So exactly what that should mean. And then then we'll know what we can focus on. So that will probably go out a little bit maybe June or July maybe.

1:37:50.430 --> 1:37:56.980

7dcef74d-5e84-4724-8c62-bd59f6487761

For that part to consider, because I think this is also later in the game, once we've considered a bunch of other things.

1:37:57.880 --> 1:38:0.690

7dcef74d-5e84-4724-8c62-bd59f6487761

You know, before we can get to that point.

1:38:10.760 --> 1:38:11.20

7dcef74d-5e84-4724-8c62-bd59f6487761

OK.

1:38:20.610 --> 1:38:24.540

7dcef74d-5e84-4724-8c62-bd59f6487761

OK, so for you guys are getting it.

1:38:25.650 --> 1:38:36.120

7dcef74d-5e84-4724-8c62-bd59f6487761

A deep dive into Morgan's brain of how how I work. So for March, so we're we know we're gonna talk about the egg survey.

1:38:37.850 --> 1:38:41.790

7dcef74d-5e84-4724-8c62-bd59f6487761

We know we're gonna learn a little bit more about.

1:38:42.540 --> 1:38:51.930

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Seed. Yep, data. We know that we are gonna have Heather Darby come. She's gonna talk about her research, and then also those 3 topics.

1:38:54.160 --> 1:38:56.310

7dcef74d-5e84-4724-8c62-bd59f6487761

And then we also have.

1:38:56.960 --> 1:39:0.50

7dcef74d-5e84-4724-8c62-bd59f6487761

Human health and environment.

1:39:2.770 --> 1:39:4.580

7dcef74d-5e84-4724-8c62-bd59f6487761

Update what review?

1:39:8.230 --> 1:39:10.710

7dcef74d-5e84-4724-8c62-bd59f6487761

OK. So tell me if I'm missing things that we've talked about.

1:39:11.920 --> 1:39:13.440

7dcef74d-5e84-4724-8c62-bd59f6487761

So April.

1:39:14.770 --> 1:39:16.130

7dcef74d-5e84-4724-8c62-bd59f6487761

What was the one we put in April?

1:39:17.850 --> 1:39:26.650

7dcef74d-5e84-4724-8c62-bd59f6487761

Sorry. Ohh, that's the seed one. Well, we can put actually. Yeah. Put it in April because, yeah, we're hoping by the end of this month we'll have all the data.

1:39:27.960 --> 1:39:30.970

7dcef74d-5e84-4724-8c62-bd59f6487761

And we'll also have that with some industry folks.

1:39:33.910 --> 1:39:35.910

7dcef74d-5e84-4724-8c62-bd59f6487761

So yeah, it should prepare.

1:39:37.710 --> 1:39:38.760

7dcef74d-5e84-4724-8c62-bd59f6487761

And.

1:39:40.570 --> 1:39:41.360

7dcef74d-5e84-4724-8c62-bd59f6487761

So we're going to.

1:39:48.310 --> 1:39:53.840

7dcef74d-5e84-4724-8c62-bd59f6487761

So looking at this, we will probably have a follow up from some human health.

1:39:55.800 --> 1:39:56.870

7dcef74d-5e84-4724-8c62-bd59f6487761

And environment.

1:40:3.520 --> 1:40:12.970

7dcef74d-5e84-4724-8c62-bd59f6487761

But I guess I'm. I'm trying to plan out right. Do you guys see this? Like what? So I I know so we may will start talking about tackling that economic.

1:40:14.820 --> 1:40:25.310

7dcef74d-5e84-4724-8c62-bd59f6487761

And I know we'll come up with things from follow-ups from our March meeting follow up from Heather Derby Stuff. Yeah, I think that might be like reoccurring.

1:40:26.90 --> 1:40:26.540

7dcef74d-5e84-4724-8c62-bd59f6487761

Umm.

1:40:27.860 --> 1:40:45.450

7dcef74d-5e84-4724-8c62-bd59f6487761

But you're right, like I think it's going to be like an everyone, maybe, but well, we'll take the helmet. The human environment will just keep rolling as we get more. And you know, I would encourage that we have some point have people to bring in and give topic and understanding to some of that kind of stuff.

1:40:48.900 --> 1:41:16.360

7dcef74d-5e84-4724-8c62-bd59f6487761

And we can adjust this each meeting too. Exactly, exactly. I just wanted like to, you know what I mean? We don't wanna get stuck only planning a month ahead because I think especially if we're relying on outside people, then we'll get stuck quickly and only just say this. I think as we're going through this, if any of the board members become aware of some source of information or a person or whatever that could come and provide information for.

1:41:17.270 --> 1:41:23.490

7dcef74d-5e84-4724-8c62-bd59f6487761

That, you know, we should make arrangements for that. You know, there's a particular development or person or something.

1:41:24.170 --> 1:41:24.580

7dcef74d-5e84-4724-8c62-bd59f6487761

You know.

1:41:27.230 --> 1:41:35.950

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But let me just say this too. The What, what this work plan does is it really focuses the activity of board on on this particular topic.

1:41:36.650 --> 1:41:46.900

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Which is the. So there are other things that the boards you know was attachment doing were basically setting aside for now. You know, I mean that's what the effectiveness is.

1:41:48.90 --> 1:41:55.400

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But I think it's appropriate because this is a big job. Yeah. Is there any interest in?

1:41:56.390 --> 1:42:17.460

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And I suppose as information unfolds and the board considers that information, there might be an opportunity for staff to draft the portions of these BMPS as well. So and I don't know yet because we're not there. We're not in the information yet, but something else to consider. We might start drafting in July, right?

1:42:18.280 --> 1:42:19.30

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Certain.

1:42:20.990 --> 1:42:23.960

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For instance, you may have some information about them.

1:42:31.810 --> 1:42:33.430

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OK. Any other?

1:42:34.650 --> 1:42:39.680

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Things work plan related that you want me to capture right now.

1:42:40.810 --> 1:42:45.460

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Yeah. If you think of something later, shoot, you know we can. We'll revisit it.

1:42:46.370 --> 1:42:51.10

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And you can always communicate with Morgan as to what it is, but your idea is your thought is.

1:42:55.580 --> 1:42:55.850

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So.

1:43:0.200 --> 1:43:1.760

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So the next.

1:43:3.750 --> 1:43:8.100

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Agenda item is Steve review of relevant.

1:43:9.10 --> 1:43:18.410

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Legislative bill. OK, let me just sort of summarize this, make sure we're all. Yeah. So we've gotta work. Plan now. Yeah. We're gonna focus on this particular task.

1:43:19.360 --> 1:43:28.540

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A lot of information that consider, you know a lot of and I'd asked the board members to just you know if you become aware of information.

1:43:29.280 --> 1:43:32.120

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That's useful to the board, though, you know, bring it forward.

1:43:32.800 --> 1:43:34.420

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You know, as we go forward just.

1:43:35.160 --> 1:43:52.340

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It's a lot to think about. OK, so one of the tasks of the the board is to advise the executive branch and General Assembly with respect to legislation on agricultural pest control and integrated pest management, OK.

1:43:53.110 --> 1:43:53.840

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So.

1:43:55.300 --> 1:44:2.30

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The way I read that is that if there was a bill in the legislature that affected those topics.

1:44:2.680 --> 1:44:12.170

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That the board should look at it and provide advice. The executive branch in the Secretary and General Assembly, I'm not aware of any bills that.

1:44:12.830 --> 1:44:13.910

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Perfect those topics.

1:44:14.610 --> 1:44:18.920

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But you know, there may be, but there aren't any of them aware of the effect.

1:44:20.830 --> 1:44:24.730

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Agricultural pest control right integrated pest management at this point.

1:44:27.970 --> 1:44:29.330

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So unless somebody else is.

1:44:31.610 --> 1:44:34.80

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So we can dispose of that topic pretty quick.

1:44:35.850 --> 1:44:36.220

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So.

1:44:37.680 --> 1:44:40.60

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OK, so public comments.

1:44:40.860 --> 1:44:44.990

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Is there any member of the public who is like to make a?

1:44:45.650 --> 1:44:47.520

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Question or a comment to the board.

1:45:1.960 --> 1:45:3.110

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Seeing anybody?

1:45:4.210 --> 1:45:4.690

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OK.

1:45:7.150 --> 1:45:12.840

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Well, in that case, I think we can. Well, we'll talk about the next meeting real quick.

1:45:13.800 --> 1:45:28.430

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It it we're gonna meet here again? Yeah. Ohh, good point. So thanks for filling out the survey. It was a four to three vote for Williston. So it's here in Williston.

1:45:29.990 --> 1:45:37.700

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Right now I know that we just had a huge discussion about not voting in majority minority.

1:45:38.130 --> 1:45:38.470

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This.

1:45:39.880 --> 1:45:45.490

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So I guess I'm up before I was thinking we were gonna do it here in Williston.

1:45:47.580 --> 1:45:50.40

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At least from March, but if?

1:45:50.810 --> 1:45:53.390

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We wanna get at those 3.

1:45:54.610 --> 1:46:0.300

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Vote that voted for Montpellier. That was the the the runner up is OK. I'm not clear.

1:46:2.380 --> 1:46:16.440

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Yeah. And and I would, you know, I think as we go forward, the more personal attendants you can do the better is this. We're gonna be start getting to some discussion of specific recommendations and topics. I think it'll be useful to have, you know.

1:46:17.930 --> 1:46:18.950

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Those discussions.

1:46:21.160 --> 1:46:21.390

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So.

1:46:20.980 --> 1:46:29.370

Terence Bradshaw

I'll say it's a good thing I had to come home and let my dogs out because I literally was planning to drive to Randolph this afternoon for some reason. So.

1:46:35.60 --> 1:46:35.600

Terence Bradshaw

Right.

1:46:30.350 --> 1:46:41.860

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No, that's that's a very good reason. It was originally scheduled for Randolph, but then we did the survey and like no one voted for Randolph, so it got drunk.

1:46:42.830 --> 1:46:43.200

Terence Bradshaw

Yep.

1:46:43.260 --> 1:46:44.70

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But yeah.

1:46:46.900 --> 1:46:49.610

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OK. Yeah. So I'll do March for Williston.

1:46:50.970 --> 1:46:51.820

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And.

1:46:52.990 --> 1:46:58.690

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Probably I'll do Williston for all and then it will be an anomaly to to change it, right. OK.

1:47:0.330 --> 1:47:3.200

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OK. Well, board member is OK with the journey.

1:47:6.520 --> 1:47:8.240

Owen, Sarah

Yes, thank you.

1:47:5.710 --> 1:47:8.980

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Thank you very much. Appreciate your participation.

1:47:10.640 --> 1:47:11.170

Terence Bradshaw

Thank you.

1:47:10.530 --> 1:47:12.350

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Alright. Thank you all. Thank you.