

# Feb. 25 2012 Meeting

📅 Wed, 3/10 3:46AM ⌚ 2:00:00

## SUMMARY KEYWORDS

soil, plants, microbiology, farm, bacteria, fungi, practices, question, soybeans, nutrients, animals, minerals, carbon, herbicide, micro riser, creating, land, market, people, big



02:01

Hi guys, match them



04:35

we can build right now. We got this couple more minutes



04:52

David and we'll get started 705 Shane, probably do some introductions here and then  
Now we've got a couple videos on



05:04

biology and also




05:07


grazing practices.





05:20


You just mentioned a couple of videos on


 05:24  
your site.


 05:26  
There isn't that long or you have that second one, right? I can I can pull that


 05:37  
off. Other periods up to move on.

 08:25  
Wait a minute. So should we start?

 08:29  
We're good.

 08:31  
Yeah. So to get started, sorry, I

 08:34  
just realized that

 08:36  
I was talking to

 08:47  
people online today.



08:49

I'll just do a quick introduction of myself.



08:51

My name is David Brown, I'm



08:53

economic coordinator for Tennessee braska. I



08:56

am your moderator for this default, just looking at his color



09:01

coded and transcribed



09:03

and other rsap a members only area of the website if you want to refer to them. As I said, a few rules of business.



09:17

Please raise your hand if you



09:22

have a question and you should save all questions to the end of the call.



09:27

If you do have questions, please wait your turn. And as we want, everybody has a chance to answer that question.



09:34

So besides that, I will have



09:40

to chime in to rob and thanks for joining us.



09:45

David, Executive Committee, lead Tony and Robbie lamp, lamp. No, okay. Perfect. Tony's with



09:57

Darren you request information from your side.



10:07

I want to remind everybody



10:11

that all family friends, tribal, any tribal member to contact me



10:16

or the office and



10:19

update, email, phone number, address. So we can get all this information out to everybody through an email, blast.



10:29

Whatever it takes to get it out,



10:31

let everybody know that their information. So I'm finrod I would cry, we have Secretary solvency here with us tonight, of bonding. And we have



10:55

here we got a very



11:03

tall rod, and fat tubers, and fall in lockers, another team member that we have these guys are broken down for each and every one of you. So it's very empowering to see where we came from over the last few years. Things are definitely getting better focusing on the land. So last but not least, we do have chain new chain. I've been with the outside for a number of years now



11:57

for understanding ag throughout the process. And also we do have a booth and that also specializes in actually helping me as well. So all that being said, I want to thank each and every member for joining us tonight was informative.



12:34

So there's no question at the time and the opportunity for you guys is on. So with that said, David, if you want to go ahead and get the video ready. We're going to start with this short video. Just to kind of put everything that would be pretty good for everybody. Understand



13:07

one second off the reserve section.



14:21

Yeah, I think we need to ask everybody to be muted. Good. Okay,



14:27

we're gonna go ahead and now



14:37

you're on mute David.



14:41

Sorry, I was saying that star sex community.



14:52

guys started getting out again.



15:36

I don't see prompts need healthy soil for healthy growth to be able to precisely absorb what plants need, the soil needs to contain minerals and when necessary soil



15:47

life.



15:50

Research shows that the widespread use of synthetic fertilizer leads to



15:54

soils that



15:56

require biology to healthy plants growth comes from a time in which there was no understanding of the long term effects on the soil for farmers. fertilizer was a miracle, the

harvest and growers were able to provide the requirements for a growing population. But now, I've been using synthetic fertilizers and the effects on soil quality are apparent. Increasingly, it is seen that fewer minerals from the soil resulting in plants



16:29

that cooking live longer



16:34

by bacteria and fungi, but instead are attacked by them. As well as this using fertilizer means that these days, farmers need to plow as the ground becomes quickly compacted. This is a costly business performance and is disastrous for the sale, there is a better way to develop more easily in an environment which in the current planning method, in which the saw what this means that the plant really struggles to reach the 1000s of passageways that other plants have created with families. They often don't even believe in the power path, which is caused by plowing the land with heavy machine cultivation methods can offer a solution. Shallow soil processing means that we can able to access the waste left by decomposing the situation they only have to work once they reach the extremities of the passageway and ensures that there is even more solid water. Diseases by spray does little more than suppress symptoms.



18:03

A healthy brand is able to keep most diseases out



18:09

in response, negative effects of using pesticides and use to save the heart. The conclusion we can draw is the plants that are only given fertilizer will become disease. fertilizer is the cause of the use of pesticides.



18:30

In order to be one problem



18:35

the vicious circle must be broken. The question that we must ask ourselves is how can we improve the soil? Answer is surprisingly simple.



18:46

Some explanation organism on the planet does not function. Healthy depends on the partnership system



19:15

supplying nutrients from the soil that would otherwise



19:18

be so rich in exchange for this awesome have a limited



20:08

If they succeed, it's the start of a beautiful relationship from now on the process can be created



20:18

the mind for the soil This is



20:26

very important for the countless other tasks, which are very special



20:38

sort of natural system around the plant is the presence of bacteria



20:47

that showed that there is no room for disease causing bacteria.



20:56

However, the bacteria



21:01

colonies back in mineral



21:11

soil are located outside but we are able to drastically increase this absorptive capacity. They sound like not always existed for us to to modernize it



21:43

to too many years



21:49

agricultural soils, mycorrhizal fungi,



21:57

mycorrhizal fungus forms of living connection



22:01

creating absorb and transport system, this is essential for healthy plants grow micro riser in the room is just as normal as chlorophyllin believes this is beyond as stated



22:17

in millimeters, this macro here to see what has helped from the fungus, the fungus because



22:36

this means that threads grow with us without health plans would never be just a risk, but also the fungal threads that are responsible for the absorption of nutrients and water



22:58

that fully takes over the material able to provide disease resistant, distantly located minerals that are bound to resolve these fine threads or IPS can easily be left alone in just one teaspoon of soil. mycorrhizal fungi caused the absorption capacity to be seven times higher in average



23:25

growth and less



23:30

competition for the benefits of the funghi



23:35

by the plants for the flow,



23:37

the benefit is a large absorptions this unique and constant interaction between the bacteria and fungi creates a fantastic symbiosis with the plants provides to its water, minerals, and guca.



24:02

The partnership between soil and roots requires healthy soil biology. healthy soil contains organic matter deadly. This dead organic matter is broken down into



24:16

bite going to become



24:18

humorous. This creates a great deal of soil, and a saw plenty of co2. Using fertilizer has caused the humans to disappear from agricultural land. We could think of humans as the battery of where the energy is stored with energy and that the soil life needs to do its work. Without the humans, it is almost impossible to achieve natural soil recovery. It has long been filled with nitrogen fertilizers stimulates the soil life as more bacteria are able to grow the nitrogen balance they are compelled to consume for organic material, which then enters the atmosphere as co2. The symbiosis between from from the bacteria is not only a great partnership, it is absolutely vital without these transparencies of organic material will have access to organic material. Returning to the question you asked about how we can improve the soil, the answer must be ultimately from the soil on their own. They do this to symbiosis between bacteria and fracking firms are really the only solid proven.



25:42

Here we can see a clear difference



25:43

between an absorption system without with micro riser from the front on the left, it's



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entirely dependent on the value of



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the supply of minerals. The farms on the right has roots that are able to self regulate the pH level and absorption. From mycorrhizal fungi. This results in a healthy absorption that works perfectly with fertilizers. Using this natural system, we will achieve the soil. But it turns out the plants that can produce healthy fruits and vegetables the way we do with our soil.



26:43

Thanks, David for getting



26:44

that taken care of. That being said, I



26:49

just want to make a couple of comments here real quick. You know, just like today, we would have to pay for you to get the vitamins that our grandparents would say, That's how bad degraded or lacking the nutrients. That being said, I know these guys in Harlem, Harlem, donated in other funds, saying if you want to go ahead and get started with the presentation and give a little background on yourself and who you are and how to the point where we're at today.



27:38

Wow, thank you. I'm Shane. I'm a farmer scottson located here in Kansas. And if anyone knows me, my passion has always been production agriculture. I mean, I grew up on the fence with a tractor and I was wrong. operate the equipment are properly regarded and transferred to Penn State University have my degree in animal science but like everyone knows, that brought to financial capital to get that accomplished. I started numerous businesses that my entire life in order to generate a cash flow to buy land, if I always had my mind, why, why are the rising stars? Why the rest of their lives. Good morning, my sister's real estate. I started cover cropping in 2000. I started those cylinders. Prior to that, and then I started to better myself 20 years and I'm kind of a soil microbiology ecologist currently working on a master's degree



29:05

in microbiology at David Sloan there this is illustration. This is underground world. The knowledge the power of macromolecules or symptom crops. Props so my passion that is probably one of the sounds of an organization and basically, the founders of understanding Dr. Alan brown re arcimoto.



29:52

We all have



29:54

denominators. They all have a past practices. Numerous, if not then. So that kind of sets us apart is kind of like the money we try to send to the producers and helping them regenerate their farms and ranches. And it's quite amazing. And people don't think it's not within attraction. Right now we are. We're working with clients, over 5 million acres drops. We are working with General Mills, on the General Mills processing standard in North Dakota. I am doing the oversight, gentlemen, this project in south central Kansas.



30:46

One of my partners, Dave Brown, presented in front of the house talking about returning service, many of you I can announce right now that time for this film. So I don't have information about that at some time. So I, I kind of when I started



31:29

presenting the practices as I sell cover crops and conduct away from employment seven years ago, I think I would try to cover crops for a ride mainly for livestock. And I kind of thought about things. And I apologize. Sorry, Indiana, to seven songs. And, and we had a great discussion to drive out there, they got a 500 acre operation. You know, relevance there are seven sides less than ever, but not that they're doing an excess of one



32:36

thread marketing sales now.



32:42

Based upon the soil, the soil function. That's, that's what we started with, that's probably built this operation for improving soil health.



32:55

And our mindset back then said, we did I think our bathroom we started our list and that nutrient reduction. So they use water to extract cost with acid. But what does nature work with, they can work with water, and microbiology. And he says, you here's this information, showing what is available nutrients that are soiled. And that's kind of one of our first steps. The first step is to minimize the service because it's a video show. We get a huge loss we're called our strangers bacteria. bases are stretched the amount of oxygen with a massive reproduction then they consume a lot of corner. So if you've ever sent a home gardener, the gardener planted all your plants, water and soil the Australian carbon out of Europe It was like asphalt like but it does rain, how much



34:31

concrete or asphalt



34:34

but we keep the soil surface covered. And keep that residue on our soils that hold that moisture longer. Call that microphone. The video was talking about was in a separate quantum environment. So basically, as we get drier in the metabolic function, but then how do we But we don't have to cover crops. So we're going to sort of talk about the no sale practices. How do we go down and planning? And how do we look at these Penny sales? And look at nutrient reductions? You know, as the production agricultural model, we're always talking, talk and talk and talk about how many persons nobody was talking about province. And our organization about versus the national things or the guys, the champions, national. Whatever exact numbers is over 600 questions, if you'd ask me ask them one o'clock. That's over \$7.25 a bushel. Corn, I'm about 530 600 versus the cost of \$7.24. He's still losing money. So, but the reason finder reduces that's because they are salt and water away from the microphone. And the other thing of it is, when a plant terminates, the plant sends out chemical signals called food accidents, chemical signals that help attract microbiology. Now we end pulmonary doctor with a world renowned microbiologist specializes in microbes and fungi. And through her research, we have found there are many corn hybrids on the market now that do not even set up chemical signals and make a relationship with mycorrhizal fungi. That, as you said in the video, listen how much more surface area. But that's what I'm trying to emphasize. So that's the point where we set out some of the natural, quote unquote instincts at the plant to make associations into the soil that the microbiome so part of our building is generally generating processes. That always been living rooms and living rooms, one providing excellent feeding carbon to feed the microbiome. But it's just not the living room, we need a person that leaves plants at a different time to attract with a microphone.



37:49

The best no knowledge



37:51

about 75,000 species of microbes and fungi. We also do what's called the fasting and the fatty acid. This on our tribe, we are finding the riser back in the soil. That's very encouraging. There's a



38:10

lot of accidents that



38:12

don't even show up on the riser. Now micro riser is a very talked about the ball and I'm very big into micro riser xand micro riser. So much arises out of the soil so they can travel and omak arises a very



38:34

large proportion and that travels



38:37

by when one thinks of plant roots make an association to help expand the height. proposition Firstly, the plants make an association by the rise as another key principle that we've got to



38:52

put in the point that we're going to



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have one of the few things that they will set the gains are from this sort of Grey's Anatomy



39:07

and animal impact when an animal comes in and graze the plant properly,



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and the practice of microbiology, so these are kind of precedent that we kind of follow. But I'm kind of going through the money. So we don't just serve a sale by helping the microbiology propagate. We're not exposing our spreading bacteria, but I'm trying to cover on what happened longer. Allow the microbiology not only the microbiology but our plants to grow longer. Then we have the living room for cost of carbon in the system. We have these plants are proven different microbiologists. This takes that microbiology to help them so accurate. So if you've ever went into, really this sounds too far fetched. Don't take a shovel and don't want them to step down on the bend over to the fence line. When you're grasping, we're going to step down to the shovel, the shovel goes, but then also pull that shovel back. What does that look like? Or that don't have the axes. So that's the factor, micro aggregate



41:05

the aggregate



41:12

size. But if I did that in the microscope, he would see all those fiber strands, but he was competent and leader. So pretty amazing. So the point is the microbiological process, all we need to do is mimic the process of running back. And we're starting to get that accomplished. But nobody says the challenges we've had a few challenges. But that's a part of the learning curve. I'm really excited about this coming spring, but not a lot of comfort to them are also paying a lot attention to carbon to nitrogen ratio. So why is that carbon and nitrogen whenever we wrote down, arrive at the 7172, one carbon to nitrogen ratio, that's usually an inconsistency that had emerging on it. And we can move on now with the data using a herbicide and we're not opposed to herbicides that understand herbicides. So they find minerals that we can read about now, by the time the decomposition process occurs, immobilization, nutrient vegetation that we roll down, and it gets mineralized by the microbiology and scientists back to the soil the buck primer slipping through that additional flat



42:43

sediment up production costs. It also wants to say I am trying to reduce I need to find the corn when it's about a 30 to 41 carbon imagine because when the corn and



43:10

so we want to make sure with the prominence that cover crop that that carbon to nitrogen ratio. So we're cycling those nutrients that department actually so



43:25

the comments or questions



43:29

no change. fantastic job. I look like questions



43:39

like to say we talk



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a little bit about that and kind of the effect that it is creating



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in crisis, privacy roundoff it was rated as an electrical plant that finds minerals you know, it's been dropping here and then adopted as a herbicide. That was the impact of that as an empanada. So



44:17

basically what round up the amount of minerals within our soils and it also has a negative effect on one of our microbiology, especially our fungal there's something we're missing in our soil. These this part of the world here 6% 50% bacteria. If we send a small sample now

look at one corner.



44:53

microbial biomass make up well over 50 plus percent of bacteria that own Probably 30%. So that ratio is that four out of a lot of a lot of silly practices under the



45:15

surface. You can see like in the video on this pressing, when we start building



45:23

it, I'll share this with some relative to the former, that's about 300 pounds the best we have, but a former Spanish can break 1100 pounds. So in order to break 1100 pounds compaction, you need a Ripper, and very high horsepower tractors. And it only lasts maybe two to three years match. What I'm saying is \$7,000 by action, when we've got this funnel,



46:09

setup for free, but guess what



46:11

it works 24 seven.



46:38

You know, and that's, that's one of the biggest things that, you know, we've always invested in genetics, you know, invested in the genetics with our aircraft, all that and chase that high yield. And like Shane said, you know, there's so much money trying to get that high yield, and it's just not working financially. So that's why we, you know, that's why we sat down and figured out a way that was going to try to transition and give us



47:10

better inputs



47:13

there. And focus on that. And you guys have seen as well. You know, we've got some of our, on our phones. You know, there's some farms where we haven't done any of this stuff, but there's our farms there that felt bad



47:35

for systems and



47:38

there is hope there. These guys are committed, they now in what they need for their tool belt to make sure that what we are doing out here is for the greater good of not only our community for future generations and ensuring you know, what's expected in all customers out. Hardly any console laughter without any topsoil. So that's a big part of, you know, what sort of thing is in Australian eyes, Russians in the past. But we have to separate our cattle, cow calf offers out and we better bring products to market where you get a chance to look up on the website amazing trends versus conventional ag



48:48

production



48:53

by hiring all these competitors and what they're



49:10

actually doing the same thing. Bad. That's why that's good. That's why we're seeing Native Americans with



49:42

diabetes,



49:44

high cholesterol and all of those things. And that's why in health care, cancer rates, all these different diseases. So that's going to be the big two proponent of transitioning from a model amorphous to put up your system



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that we're going



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to sit down and actually take that same



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fixed costs and provide that



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to them to help their long term health care.



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Long term that's



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going to be the biggest thing is going to be happier.



50:46

Right, sort of



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transitioning, and that's one thing, but



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I'm very proud to be part of those systems.



51:17

With recent generations, that was



51:21

our land office.



51:26

That's kind of the biggest goal that we have here is providing water. So that's one of the biggest things that I see the province



51:43

being a part of,



51:49

on the back, a good round of applause.



51:54

initiative with the education transition for the fabulous that I'd like to give everybody around with all their hard work, and their openness to make this change. A relevant microbiology stuff going on there, but I thought that was important. Ground happening.



52:45

First thing Absolutely. No, I want a great guy that made a lot of progress in a very short time.



53:08

I was wanting to set up some farm, families writing a book. And we were 1/3 of the farms that they came from. And also my friend from de France operations from the omega three was better than us. That shows you the power of getting back then, the beautiful part of you guys. There's a lot of documentation that we can refer back to. And once these lands are removed greatness and memoirs that I have is a story about how women for the benefit of time stop and right now, our the fragrant aroma, doesn't matter memorizing. They talked about the height, talked about the diversity. They talked about the wildlife that was in 19.7% continent wide federal government entities, they've had separation now. The fact that we're in donathan prior to the establishment of a journal that's sort of sounds you have that in place right? To be born 600 official for that Not that's why women strong. Women are not sold after the women's structure and identified roots of wildlife, then that says, that's a moment in business that have survived, but also extract the sand away and identify what



55:37

kind of seven



55:43

different segmentations but we're also finding business meeting species still down? Why is that relevant? These are the plans to make great microbes, plants and give diversity parameters to drop cells and record a diet or the vaccine profile, the nutrient density that university and we're starting to buy across the world. And we're starting to identify precedents, animals versus inventions, that animals, there's two to 300 times more biomolecule



56:30

products versus a private stock represents another technician with land side. And this research is second time in this realm. This, this is what's exciting.



56:51

That's only going to take care of the soils as they're back. But it's also called taste and land. And we started to transform our system, the flavors inside of our code. You know, I was struggling, I was having a product for my mom. And I struggled with that for a long time. But when I was covered, that I can actually influence from my soul, I can market a place. And that's where we started. Our direct marketing business people can distinguish that and we are starting to move that amount of products on a weekly basis. And that's what makes the static to work with Stan and the guys out there. I know what the context was in your area, the fact that some of that diversity even had a product that nobody has ever tried them on.



58:15

Now he did very good. Time to do that. Thank you. second video is and we can go ahead and show it on different grazing practices and we can talk about kind of our cattle operation and what we're doing there. Okay, perfect. So go ahead and Shane will go ahead and play this video and then we can talk about you know, our adaptive grazing program



59:18

in nature, is to act as a pruner model now this one is actually more efficient at collecting solar energy and turning it into carbon into biomass. That tree



59:38

as well. Soils on the planet



59:39

were built



59:40

on Prairie, not under



59:44

the plant ranges This is necessary for nursing homes and actually fight him off to restart the election. why there are so many billboards and that's why when herbivores are moving, mobbing and mowing, they are symbiotic soil development if you remove the herbivore can actually become a liability ecologically



1:00:15

ll rather than



1:00:16

replication soil



1:00:18

building plants so providing that animal impact on the breaking up the feral cats and allowing more cycling of water and cycling nutrients down into the soil profile is a really key component i think in the big picture when you step back and look at it they're actually allowing us to watch



1:00:40

could have been affected more men



1:00:42

than otherwise so we haven't even passed that



1:00:53

before by



1:01:03

the animals in the hallway



1:01:09

watch your data pile up



1:01:13

working in Africa working all over the world



1:01:17

you see what real food is



1:01:20

and I believe what's the



1:01:24

most importantly the modern I want to leave the land better like the landscape thanks David for filling



1:01:48

that leads us into a power



1:01:54

backup operation been suffering a number of years of data from writing really getting more and more passionate. Not fast enough here place



1:03:46

to invest number one export



1:03:55

trends. Thinking now that's super creepy. Goal setting has all this traffic Great. Great now

framework mammals and watch a problem they don't have a frame that life doesn't ask you to watch the map is great what we do when we want to draw vironment when we go out and estimate how Mars impacts for 24 hours are to find out what to start with the modern first thing is performance The second thing is life all the way down to the filament



1:06:02

and the reason for that is talk about



1:06:12

that animals look out for the rabbit that I



1:06:26

better take a bite of whatever it is product now allow the animals to



1:06:31

start grazing the more undesirable plants come to office and every day you know that you may not even sure what it was



1:06:59

for horses because if we have an animal



1:07:09

that's probably one of buying a lot of additional providers and animals that are expensive on top



1:07:30

what that's gonna do about the health and



1:07:33

genetic situation



1:07:44

about a third of my hurt dropped out.



1:07:47

I don't know when I stopped you know? I don't know. But a separate function of what I was trying to show you. So I had to start out start over



1:08:21

one cold outside I never get



1:08:23

an extra hot whatever matters that much production are high performance. Our health care costs are \$400 North American out there right now. Staff without bringing back \$500,000 know where I can and I'm still very proud of Adam and going out over themselves. What's the great First off



1:10:02

that's the longest send us



1:10:07

for best practices and the short time for the 1000s we've also known the CrashPlan ma respiratory, we've got more than they've ever had taken the rest very nice to know but I break everything and that's thanks our mail was widespread last year I have over 100 take care of my fingers that's our goal want to share with the most important things that you good luck better? Your January I don't know, a lot of stuff. And it's not easy to do either.



1:13:22

But if you do it right, it's gonna work.



1:13:27

And that's fine art. Other makers a foreign accent planet trying directions but I'll happen with the word luck So, David all about long as the answer to know. So, we are project smart practices project everyone realizing the technology increase really so to have the infrastructure back to the center of the planning Don't worry about price don't have to get health practices morning properties are so different fields of practice to bed. So, I don't know a summary of it pretty much covers it, I think things organizations departments will be able to do by increasing the data that we're able to take out of the field.



1:19:49

gap to the consumer to the restaurant are the goals of greater ordering system to our practices. So, we begin to work with different produce from us they know and they can see when the estimate is time is going to give them an estimation of what are going to be different to build beta two contracts What if their suppliers and distributors cannot meet the long term six different practices arms contracts and helping patients make it reduce the risk on the farm when it comes time we're able to create long term relations and through the use of the smart farm and all the grant we're doing it's making this really so much bigger we're finding that as we wrap around this so before getting into all of that and gallery all that happens with the farm to table movement chain I didn't know for sure but as far as cancer Yeah, I mean, the first thing is nationalized don't leave the world and all chronic disease problems and we're hoping here how the father of seven charge more for you. I mean,



1:23:06

we are mentioning



1:23:11

relationship as our jumping off center meaning of the five boxes of products what science does



1:23:41

and I think that's pretty filed.



1:23:46

That kind of knowledge figure out what's going on and then the back and forth



1:24:05

of what I was trying to accomplish you guys. So I mean



1:24:18

another passion and knowledge, you know, for me out process for next step. The passion



1:24:35

and enthusiasm



1:24:38

is incredible. So, how I know it's got to be our environment. If we take the waste of money and add value with other products



1:25:07

like regenerative agriculture



1:25:14

So basically when you walk on farms watch manager what I mean no no



1:25:32

I'm independent



1:25:43

travel council would like to return to that project so I want to say I watch and learn about the history of agriculture and it's it's really exciting changes you know when they're planting and harvest and all that ultimately, we haven't because we started using You know, we've had that we've used in the past herbicide You know, it doesn't know what different things you know, including our farm guys are doing so it's all important every single thing we do and you know reminder turned off is just not ready to fly to



1:27:11

Rhode Island on our opportunity to play for example grant you know that you know, after we bring in somebody you know, they graze down certain plants



1:27:45

in that area, and then we bring in can explain more about how that connects. People we know that everything is connected, right. And so, we do these things, you know, and I know that for several citizens, I thought it was you're damned if you do not lay in a park really, really do have to do something really satisfying. Or if you want for me to be really credible, what a treat well, so often thing that we've done over the last year never because that's what we're here for. Without any reference to these models dominating the first few years trying to really struggle for wrestling one of the biggest leaders here how to walk down the road one more thing don't change your thinking back survive maybe that's my thing for managers I know they talk



1:31:59

quite regularly I mean, I want to I want to rip them



1:32:08

apart by the half certainly thank you for inviting me to the to the farm the ball early start rolling smarter. The very first year Weiner planet fan you know, and it was just awesome that they got those of us who have before we got any questions about the show.



1:34:08

Be with us.



1:34:14

Gonna be the new volleyball and all the way down at the farm, under your



1:34:27

ministry. Bring them up Because that's what you're going to see grow off it's pretty neat with many changes on the wall it out quite a bit you know and we haven't developed all the marketing assets in the market graph from revolution to life flat tires I work with absolute favorite logo pieces that often he just sees it as something that can be



1:36:38

something that everyone can really remember him behind. Sure. Yeah. Definitely a couple years about it made me live longer managing the Overton window. Yeah. Rebecca, thanks for your question that we had in



1:38:29

the past my video producer out here. We got everything marked off when I work with you don't like carry on is going to be our part. I want to share everything to answer your question right now.



1:40:00

I would like to think about in grounded on our behalf so all by ourselves are probably rough chairs Thank you for having me revenue realized okay



1:42:23

let's get back to one of my one of my favorites change you got to change the way you sleep



1:42:43

dog Campbell



1:42:45

that we utilize and that's what we're trying to like I



1:42:56

mentioned earlier the some of the progress we have made affordable



1:43:04

you for being the icon we are adding to the practice as well from our in some ways our brain right now right not to create a lesson all together from the web one was updated in the county so we can ensure that information after them



1:44:48

are happening. Just a lot of silence answered and we'll put the answer for being patient, sharing some of your feelings going on down there. And



1:45:26

you said about the training, anything from training on installation, so many smartphone things and I think shame decreasing interest rates throughout industry especially around a lot of these



1:45:40

things just lead in a lot of these ways, whether it's re skilling up community, your tribes expanding. So we can track ties for solar install people and have a whole nation made, we always kind of contract kind of part



1:46:13

happens in history, a priori difference can be a bit hiring, so can it also potentially be in other learning just like a market for sort of friends in Lawrence runs the tofu factory there.

asked him, you know, resources. And you know, has a has a supplier to get his gives out 5353 cents of 31 bucks a bushel is what he got for his soybeans. So just might that be kind of to have an additional kind of a second market, beyond other places we distribute the honey out of a local law firm might be a little higher grade and nice and local rates, the cannabis brand first year because he said he goes to your accountant. So I had the math three. Afterwards is backwards, actually. Yeah, yes, the thing usually gets organic, no, that wouldn't be able to provide organic for a while, but he just stopped.



1:48:06

He wants to start testing things in any way as potential that might be actually, sorry, soybeans on a smaller scale than what you currently run. Right? To get production or produce. That's back to the first comment on fried chicken farmer and Alaska right. practices. Want to know



1:49:18

more than just a moment



1:49:22

before you have ideas. We're mature enough to be out there around what's happening and thinking about how to try and grow that so always, always open for that.



1:50:04

Consider that that would be around 400 bushels that I would take home. You know, I mess that, you know, it's pretty small in comparison to the entire farm, but still proud of different people who are interested in purchasing non GMO soybeans because the lack of it and I think just because there's so many people producing GMO soybean have a little integration to different



1:50:54

practices around no versus non GMO. So in here, we will play more non GMO seeds in your previous next year, you're doing 100% non GMO corn and working towards their soybeans.



1:51:18

So this has been huge direction for us and in the development of those markets that were able to really



1:51:29

impact culture drive so yeah, and yeah, he put us in contact with them. If I'm not here this year, I'm certified Yeah. Thank you for something right. Sam on



1:52:37

this



1:52:39

channel farming metal is out there as long as you know, harvest taking my dog just kind of thing that we're doing here. It's about



1:53:46

hours now. And maybe down the road. More information on sorry, we probably could spend hours on I can just really quick review. On this year we will be launching a never ending



1:54:18

plot for radical. We've all been testing out and never ending the rest of it. We have a partnership. Amazing seed companies and you guys can do the first one



1:54:37

company catalog variety in the world. We're all working with seven and we'll be doing a trial introducing PC production Yeah, this is all part of that vacation like revenue stream. And you know, with Baker Creek, as a partner is huge, just a massive word. Everything that tribe is doing a rat revolving around sovereignty and creating more nutrient dense foods, you know, one but it really was driving around production production and the work that we're doing with these different companies.



1:55:57

Hi, yeah, you say defend our seed seed production or seed production three companies. Okay, economics, and it's kind of the best of both generate the dollar bill time you don't really know very well by doing all members of the farm team to try out their hand festivals that are from light to travel often experience agriculture community members to come out on August working working so that's the whole other side here and we're seeing so much more in the form that we're getting into different markets. The other thing I wanted to mention this, I think that's cool is the community outreach pieces. And the education of these big impacts you know, to kind of cool class like rolling adding that you know, doing some of the pieces on seeds on cooking of access, like just like other agreements like them were they your bell was poisoned, etc. You can get involved. Not only be able to talk into the garden, patio, you spell that to me it's one of my projects. But also Joe generosity is about which were given to me by women cannot grow we're not supposed to purpose from fortune.