

## NDWCA Area V Minutes

Via Zoom Call

Yet to be approved

October 19<sup>th</sup>, 2020

Area Director, Katie Dillman called the meeting to order at 9:06 am. Introductions. Counties attending were: Slope County: Joan Lorge, Tim Oberfoell, Gene Davis, Mercer County: Brad Seifert, Bowman County: Josh Hetland, Golden Valley: Mark Golberg, Stark County: Travis Jepson, Dunn County: Diane Allmendinger, Hettinger County: Duaine Marxen, Billings County: Jodee Egly, Jenna Obrigewitch, Katie Dillman and NDDA: Richard Weisz.

### Minutes:

Joan Moved to Approve 2019 Minutes 2nd by Tim Oberfoell. All in favor. **M/C**

### Annual Meeting Update: by Merlin Leithold, ex. secretary

Sent by e mail to area counties;

The ND Weed Control Association annual conference is slated for January 11-14, 2021 at the Ramada Inn & Conference Center in Bismarck. (Same place as the past several years). Theme this year is

“Your Land, Your Weed, Your Problem”

The 11, there is a board meeting scheduled for 5:30 pm at the hotel. Tuesday morning the ND Department of Agriculture we will kick things off with the Commissioners Forum. Tuesday afternoon at 3:00 pm we will have our annual business meeting, followed by the annual and very entertaining beer & brat social and auction. Please bring an auction item for this event, as a donation, which proceeds go for youth programs in the state.

Wednesday morning we have tentatively scheduled the mayor from Bismarck for a welcome at 8:00 am. We will have a full line of speakers, but with the way current events have been going with Covid, they are not in the correct places.

This year we will be going back to basics. Teaching all of us how to be a better weed officer and board person. We plan on having various weed officers talk on an area they are highly qualified to do so in. For example, we will have one talk about Leafy spurge biocontrol. Another on spraying techniques. Another on building relationships with their landowners. Another on the correct procedures for forcing a landowner to control his/her weeds.

Bill Walker will give a presentation on surfactants as well. Hope to have some NDSU presentations as well.

At 6:00 pm on Wednesday evening we will have our annual banquet and awards presentation. Entertainment this year are the Little Blue Stems from Elgin. They are a group made up of sisters and a brother, play bluegrass and country, and Christian. These kids are in elementary and high school. They are sponsored again by Nutrien and Bill Walker.

Thursday morning we are not having a breakfast, as the hotel has a free continental breakfast.

The speaker session will begin at 8 and conclude around 11:30.

There will be a board meeting following the morning session.

**Now, the unknown potion. At the board meeting on Sept. 29, the board decided to go ahead with the conference,. BUT, they plan to revisit this mid-November or sooner. Since that board meeting, Burleigh County, where the conference is held, moved up a level to red. At that level, it would be impossible to hold a conference. Everyone is hoping that the virus levels begin to stabilize and go lower to a more normal status. Watch for the November newsletter towards the end of November. In there, everything will be clearer. Also, if the conference is not held, the board will do what it can to hold the annual meeting, electronically. STAY TUNED**

### **County reports: Billings**

The Billings County Weed Control Board (BCWCB) started the 2020 spray season off in the beginning of May. We began with thirteen commercial applicators, seven of which were returning sprayers from previous years. Equipment used for the 2020 spray season included four 6x6 Polaris Rangers, one 6x6 Can-am, five one ton pickups, four trailers, and one three quarter ton pickup.

Due to schools being online this spring we acquired our seasonal help much sooner than previous years. This gave us an earlier start on training in our new employees. Which in return, helped us branch out and start getting some of our more difficult spraying jobs done earlier in the season. The first weeds we targeted were Leafy Spurge, Hoary Cress, Black Henbane, and Houndstongue. Areas that we focused on at the beginning of the spray season were along Interstate 94, Highway 85, and County Right of Ways. After getting our Right of Ways cleaned up, we began spraying for private landowners and for the U.S. Forest Service on several federal allotments throughout Billings County. Others weeds we began to target included Common Burdock, Canada Thistle, Absinth Wormwood, Bull Thistle, Salt Cedar, Spotted Knapweed, Diffuse Knapweed, Yellow Toadflax, and Russian Knapweed. We noticed that Spotted Knapweed has significantly increased throughout our county in 2020. We continue to educate our local landowners on what it is and how to identify it. We hope to reduce Spotted Knapweed populations in the coming years and begin creating some biological control sites.

In 2020, the BCWCB hosted three public field days for the collection of Leafy Spurge Flea Beetles. Several landowners from Billings County and surrounding counties attended these public field days, along with multiple different agencies. At the public field days, the BCWCB supplied nets, sorters, and containers to everyone that attends. After collections were completed, beetles were sorted and measured into containers. Then the beetle containers were dispersed evenly amongst everyone that actively participated in the collection. In total, around a half million beetles were collected in 2020. Though there was a smaller amount of beetles harvested this year, we were pleased with the public turnout and continued participation at our field days.

Billings County continues to require zoning applications be submitted and signed prior to a landowners or operator planning any construction projects. Applications are filed with the auditor's office and require the weed officer to inspected proposed buildings, pipelines, roads,

approaches, oil locations, and several other types of construction projects to be inspected prior to ground being broke. The weed officer must inspect, sign off on proposed projects, and list noxious or invasive weeds present at the time of the inspection, along with stating who is responsible for controlling any noxious weeds that appear after construction is completed. We have noticed a significant improvement throughout Billings County by requiring these forms to be filed and signed off by both the weed officer and the requesting party. We will continue to require these applications to promote future weed control within Billings County.

Billings County provides cost share through the Land Owners Assistances Program (LAP) to help alleviate some of the costs for private landowners. We currently cap our cost share at a thousand dollars in chemical value. Landowners are responsible for paying 30% and Billings County pays 70%, which is then ran through the LAP program.

For several years, the BCWCB has been working with the U.S. Forest Service on spraying federal allotments from the air with a helicopter. Due to unfavorable weather in 2019 we were unable to complete our aerial spraying plans. We hope to continue where we left off and finish our 2020 spray season by completing aerial spraying projects within Billings County. This year we plan on adding several hundred acres of Canada Thistle to our aerial spraying program along with a couple hundred acres of Leafy Spurge. The plan is to conduct these applications in the next couple weeks prior to freeze up. In previous years we have seen a significant improvement in the areas that were treated with a helicopter. Though these applications are not the answer to all our weed control problems, they have helped us control heavily dense areas in a more timely fashion. The BCWCB is hopeful that an aerial application will take place in the fall of 2020 along with the coming years.

Billings County strives to have all parts of the county actively working together. When weed board employees are unable to spray, we assist our local Road and Bridge departments on road projects. This includes running a tractor and packer, tarring roads, and assisting in moving road equipment. We also work in the winter months on tracking and monitoring county scoria and gravel pit materials and where they were transported. Our Road and Bridge departments in return assist by helping mount and bolt new sprayers to the frame of our UTV's, welding small repairs, maintaining our yard, calling in weed infestations, and pulling us out when we get stuck while spraying. We enjoy assisting other departments within our County as it helps to create good working relationships and build a more positive moral amongst all county employees.



## **Slope County: Joan Lorge Weed Control Officer**

We started out our year working on a new road ROW that looks like wormwood was in with the grass and alfalfa seed because it's coming up in rows. The contractor that built the road also seeded the ROW. The company has since gone out of business. Milestone has been doing a good job of controlling the wormwood. We started out last year and this year spraying plants with our ATV trying to save the alfalfa but found out this summer that the ditch isn't hayed so next year we will spray the area with the Gator.

Leafy spurge was sprayed in some areas this year, we have started to spray it with Method in areas that it is allowed and are very happy with the results. We are 3 years clean on some areas now.

We found Black henbane growing along the road edge of one of the main roads going north out of Rhame this year. We dug up the plants and sprayed the area. Henbane is growing in a scoria pit in the area.

Spotted knapweed is down to an occasional plant in Marmarth and in certain areas along highway 12.

The phragmites was sprayed again this year, it's down to small clumps here and there now. We hope to have it eradicated next year.

Houndstongue has been found north of Marmarth and also in another drainage west of the original infestation. The landowners are blaming elk for the spread.

We spent a lot of time this summer spraying Canada thistle again. We are happy with our program of spraying all the ditch. Which gives us time to get to another area and control.

The fall herbicide distribution was the smallest distribution that we have had in years with only 27 participants. We offer Tordon 22K, Milestone, Curtail, GrazonNext XL, Plateau and MSO on a 70/30 cost-share. The distribution is a pre-order only distribution. We also offer Escort, 2, 4-D and Activator 90 for houndstongue control on in-kind cost-share.

I had a report of Palmer Amaranth in October, they had pictures and were adamant that it was Palmer. (It was common mullein) I had a hard time explaining to them that Palmer was a type of giant ragweed, which this was not, and would most likely be found in a field, not in a pasture. They said that it was really tall and it had to be Palmer. I got the information on both and showed them the difference between the two. They left the office with the NDSU Palmer pamphlet and also common mullein information. So the Palmer ad campaign has been good to get people looking for it.

## **Adams and Hettinger County: Tim Milliren**

Hettinger CO, we sent out 26 notices and one enforcement letter that we are still dealing with, we didn't find any new noxious weeds, we sprayed Canada thistle and worm wood, some spurge, over all things looked better than last year.

Adams CO, was pretty quiet, sent one enforcement letter, they got it sprayed, two notices, no new noxious weed, things looked better in Adams CO to.

## **Bowman: Josh Hetland**

Weeds Controlled:

Canada thistle, leafy spurge, houndstongue, wormwood, Spotted knapweed, black henbane, baby's breath, Musk thistle, Scotch thistle,

## **Cost Share Programs**

Custom application by BCWB: 40 landowners 471.3 acres

Pesticide distribution: 51 landowners 150 qt & 15 2.5 gal Milestone, 4 2.5 gal Method Herbicide (I hope they start making method in quarts again!)

In kind reimbursement: 2 landowners 600 acres

Equipment reimburse: 4 landowners 25% refund for noxious weed sprayer (\$500 max)

Our cost-share pesticide distribution program, where we sell Milestone herbicide for \$20 per quart or \$200 per 2.5 gallons, and Method herbicide for \$200 per 2.5 gallon jug, continues to be the most popular way landowners utilize our programs. We do offer custom application, as requested by many absentee or less capable landowners.

By far the most problematic weed in Bowman County is Canada Thistle. I have been seeing a lot of Canada Thistle in wheat fields this year that were either peas, corn, or flowers last year, I am guessing this is due to the wet conditions last fall that put a damper on many farmers not being able to get into the field to do a fall burn down.

## **McKenzie: Amber Higgins**

McKenzie County started the spray season on May 11<sup>th</sup> 2020, started the season out with Inspections! We had 12 seasonal sprayers this year. Three of which were returning the rest were new hires. Of course, with Covid this year we did have days we were short staffed, we were very lucky to not have any Covid cases in our department!! But did have some quarantine days. We worked vigorously through the season not a lot of moisture this year but the weeds did not seem to mind!

We had 6 crews out this year! 3 County Road crews! 2 Hwy crews. And 1 Private Spray crew! We utilized 6 trucks, 6 ATV'S and 2 UTV'S.

Our county was very fortunate to have very hard working and dedicated employees this year!

The Weeds that were most problematic weeds this year were, Canada Thistle, Common Burdock, Absinth Wormwood, and Musk Thistle.

McKenzie County Cost Shared ourselves again for the spray season. We currently still cost share 80/20 on Chemical alone, either applied by McKenzie County Employees or Landowners who purchase chemical to apply themselves. This year we had 42 landowners take part in our Cost Share!!! Of this 24 were Landowners that utilized our Spraying Service, 18 were Landowners who turned in Cost Share Reimbursement for Chemicals Purchased.

This year McKenzie County also approved extra funding in our Budget for 2020 to Spray CORP Land. We have not been able to get a contract in order to monitor and Control Noxious Weeds in our county for the past few years. This year thanks to our additional funds we were able to complete CORP!

I am very excited to report that McKenzie County has completed all County Rds all Hwy's that were not involved in Construction, Private sprays, Pit Inspections, and CORP.

### **Golden Valley: Mark Golberg Jr.**

It was a very productive spray season for the Golden Valley county crews this year in 2020. We had 15 different sprayers across the year, which is the most our county has ever had. Our spray season started well, with our first spray day being May 10<sup>th</sup> working on hounds tongue. The last day of spraying was October 13<sup>th</sup>. We completed work for over 40 customers this season, and covered around 80,000 acres. Our spray equipment includes two spray pickups, two Kawasaki mules, one Polaris ranger, a four wheeler and some back packs. We also had no incidents of covid spread in the work place, which is awesome! (probably cause tordon kills it)

### **Stark County: Travis Jepson**

This year Stark County had four two-man crews operating three boom trucks and a side-by-side. We experienced favorable weather conditions and minimal equipment setbacks. Those factors enabled us to finish spraying all state and county roads. All state roads got a second spraying and more than half the county roads.

The 2020 LAP was a little different this year. We had multiple distribution days throughout each week starting mid May and ending the beginning of October. Land owners called to schedule a specific pick up time. This seemed to work well and think we will continue operating this way in the years to come. It minimized wait time and congestion at the shop. We had just over 200 landowners. The weed board kept the percentage at 70/30. We sold \$163,824.70 worth of herbicide with the county paying \$114,819.85 and the landowner picking up \$49,004.85.

We had 27 landowners show up on July 8 for our field day collection of leafy spurge flea beetles. Approximately 299,320 beetles were collected. We were able to distribute 99 sites.

Our program assistant Kaye Jessen retired this year. Her hard work and dedication to the Stark County Weed Control Board will be missed. Our new program assistant is Michaela Gass.

The total gallons applied to state right-of-way were up a little from last year. We had a successful spraying year and are excited to see what next year brings.

**Industry:**  
**Karissa Floerchinger– Corteva Agriscience**

Hello,

To better serve you, we have redrawn the territory lines in the Western US. The East side of North Dakota and South Dakota will continue to be supported by Pasture and Land Management Specialist, Karissa Floerchinger. Pasture and Land Management Specialist, Claire Volk, now supports the West side of North Dakota and South Dakota. We look forward to working with you to meet the ever-changing challenges that you face.

If you are located in the following **North Dakota** counties, then Claire will now support your Pasture and Land Management efforts: Adams, Billings, Bowman, Burke, Divide, Dunn, Golden Valley, Grant, Hettinger, McKenzie, McLean, Mercer, Morton, Mountrail, Oliver, Renville, Sioux, Slope, Stark, Ward and Williams.

If you are located in the following **South Dakota** counties, then Claire will now support your Pasture and Land Management efforts: Bennett, Butte, Corson, Custer, Dewey, Fall River, Gregory, Haakon, Harding, Jackson, Jones, Lawrence, Lyman, Meade, Mellette, Oglala Lakota (Shannon), Pennington, Perkins, Stanley, Todd, Tripp and Ziebach.

We have a lot of exciting things happening to discuss with you, including the recent launch of [DuraCor®](#) and [TerraVue™](#) herbicides, as well as the anticipated [ProClova™](#) herbicide that is currently with the EPA for registration.

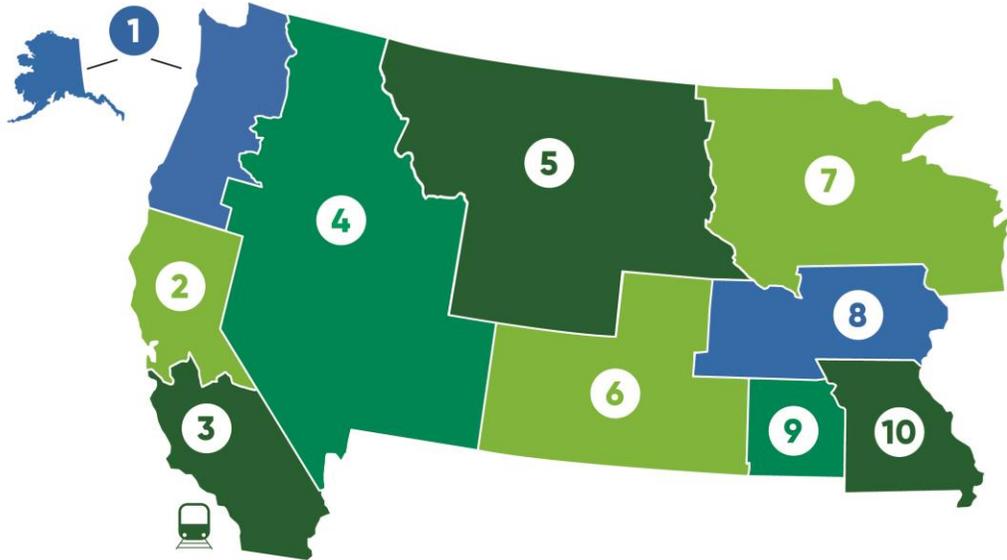


You can contact Claire over the phone at 307-439-9095 and email [claire.volk@corteva.com](mailto:claire.volk@corteva.com). Feel free to reach out to Claire to meet your new Pasture and Land Management Specialist!



You can still reach Karissa at 406-788-4044 and email [karissa.floerchinger@corteva.com](mailto:karissa.floerchinger@corteva.com). Please do not hesitate to reach out with any questions!

## 2020-2021 Western PLM District Territories



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October 14<sup>th</sup>, 2020



Dear Weed & Pest Supervisors & Board Members,

Friends and supporters as you read in the attached briefing, I will no longer be the Corteva Representative for the Pasture and Land Management Division essentially to those counties west of the Missouri River. I have sincerely enjoyed getting to know all of you as business partners and friends. I appreciate you all allowing me to lean on you with questions as I sought understanding over the past four great years. Those to the east I look forward to building upon our established relationship and assisting in the stewardship of Corteva products as you all target noxious and invasive weeds well into the future.

It has been a superb year for weed spraying across the Dakota's. I thank you all for your continued support of Corteva products including but not limited to TerraVue, DuraCor, Milestone, Opensight, GrazonNext HL, Tordon, Vista, Transline, Curtail and Freelexx. As you all know we launched TerraVue and DuraCor this year as the premier residual broadleaf weed control herbicides. They are respectively the next generation of Milestone, Opensight and GrazonNext HL.

In the Dakota's alone TerraVue and DuraCor have been sprayed on over 140,000 acres. As a reminder both products contain Milestone and the new active ingredient Rinskor which broadens the weeds controlled to 140 weeds verses 70 labeled weeds on the Milestone label. Rinskor is a new active ingredient that targets a new site of action on the plant achieving better contact on all species but particularly on wild carrot and wild parsnip species. Same if not better control has been achieved on North Dakota Noxious Weeds including Absinth wormwood, Canada thistle, Diffuse/Russian/Spotted Knapweed, Musk thistle, Palmer amaranth, Purple Loosestrife, and more! Brush control results are promising on Russian Olives when combined with Vastlan.



<b><i>TerraVue</i></b>	<b><i>DuraCor</i></b>
<ul style="list-style-type: none"> <li>• 2-2.85 oz/acre use rates</li> </ul>	<ul style="list-style-type: none"> <li>• 12-20 oz/acre use rates</li> </ul>
<ul style="list-style-type: none"> <li>• Spot treatment rate 5.7 oz. If area is hayed or grazed, not more than 50% of an acre may be treated at that rate. Higher broadcast rate (5.7 oz) allowed for TVC</li> </ul>	<ul style="list-style-type: none"> <li>• Spot treatments may be applied at 40 fl ozs of DuraCor™ per acre, as long as an application is not made to more than 50% of the treatable acre.</li> </ul>
<ul style="list-style-type: none"> <li>• Use Sites: rangeland &amp; pasture, natural areas, wildlife habitat and management areas, non-crop areas, utility, roadside</li> </ul>	<ul style="list-style-type: none"> <li>• Use Sites: rangeland, permanent grass pastures, Conservation Reserve Program area, wildlife habitat</li> </ul>

rights-of-way, including grazed areas in & around these sites	
<ul style="list-style-type: none"> <li>Water Dispersible Granular: disperses quickly in water</li> </ul>	<ul style="list-style-type: none"> <li>Liquid Suspension Concentrate: shake or stir before using, can freeze</li> </ul>
	<ul style="list-style-type: none"> <li>Supplemental Label: *For use on rights-of-ways and utility lines transecting grazed areas.</li> </ul>
<ul style="list-style-type: none"> <li>Non-restricted herbicide, no haying or grazing restrictions in MT, WY, ND, SD</li> </ul>	
<ul style="list-style-type: none"> <li>Tank mix compatibility/low odor/low use rate/can be used up to waters edge</li> </ul>	
<ul style="list-style-type: none"> <li><b>Always follow the label</b></li> </ul>	
<ul style="list-style-type: none"> <li>Supplemental Label: For use on grass harvested for hay intended for distribution or sale OFF the farm or ranch. For distribution and use in MT, WY, ND, SD</li> </ul>	

We must also mention that we will shortly launch ProClova. This product will primarily target pasture acres that have white clover as the primary forage species, providing invasive weed control and white clover safety. ProClova should also have a broader fit for the non-residual acre in our area. Stay tuned for more information as we currently anticipate an approved label in the fourth quarter of 2020.

Crook County Wyo  
Leafy Spurge  
Sprayed June 23<sup>rd</sup>  
16 oz DuraCor + 16  
+ 16 oz Freelexx +



Available Value-Added Resources:

- To hear from Barnes County Weed Supervisor, Jamen Windish check out this link as it pertains to the article “A Mandatory Practice” : <http://app.engage.corteva.com/e/es?s=777435755&e=97431&elqTrackId=785bbbc2806846cc80473e1899f7cba2&elq=10a7692b94cb4bfb955a400b36fc1ec7&elqaid=12086&elqat=1>
- For those of you seeking up-to-date data on DuraCor check out the September 23<sup>rd</sup> 2020 Techline article “Maintaining balance” by visiting: <https://www.techlinenews.com/articles/maintaining-balance>
- [We have developed a resource to help you all as supervisors when approaching the public with regards to vegetation management practices at \*\*NotifyYourNeighbor.Corteva.US\*\*. One simply goes to the site and requests access of which will be received 48 hours or less.](#)

I want to thank you all for your support! If you have an opportunity to provide weed control and require additional resources, we invite you to reach out to your dedicated Pasture & Land Management Representative for support. We continue to bring new technologies and resources to the field and are proud to help you steward all products in the field. Claire is looking forward to working with you all and would enjoy meeting you, please feel free to reach out to Claire at your convenience.

Hope to see you soon!

## **Van Diest: Tom Hedrick**

Good morning everyone! First and foremost I want to thank you for your business support this year. We appreciate the opportunity to serve your county weed control program. Our goal at Van Diest Supply Company is to provide you with timely service, product knowledge, and application information. Starting with supplier updates”.

Corteva – Milestone will remain flat in price for 2021.

\$ 265 / gallon in 2.5's and \$ 66.25 for quarts.

Vastlan ( Choline Triclopyr ) took a 3% increase to \$ 89.60 / gallon.

Freelex ( Choline 2,4 -D ) is agency priced at \$ 20.50 / gallon.

Opensight ( Milestone + MSM ) is agency priced at \$ 86 / pound.

Tordon 22 K and Graslan L - little change in price expected.

The two new products TerraVue / Duracor looked very good this year.

They are premixes of Milestone + Rinskor that provide additional broadleaf control with accelerated activity and efficacy on many weeds. TerraVue WDG is labeled for ROW, rangeland, permanent pastures, CRP, and other sites. Agency priced currently at \$ 94 / pound with use rates up to 2.85 oz / acre.

Duracor liquid is labeled for rangeland, permanent grass pastures, CRP, wildlife management areas. Agency priced currently at \$ 85 / gallon with use rate up to 20 oz / acre. Prices for both of these products could change by early new year. If you haven't tried these products, I would certainly recommend that you do.

Bayer – Method herbicide should be in good supply for 2021.

Agency priced at \$ 322.56 / gallon. No increase in price.

For bareground, Plainview herbicide is a three way mix of Arsenal + Method + Esplanade. Provides excellent control of annual perennial weeds and grasses, including woody plants, brush, and trees.

Esplanade 200 SC will be agency priced through December at \$ 1189.12, in 2.5's. Price will increase to \$ 1218.56 January 1<sup>st</sup>.

Quarts will be \$ 327.04 through December, and \$ 335.36 after that.

New from Bayer is Rejuvra herbicide. This herbicide will control annual weeds and grasses in established rangeland, pasture, CRP, parks, open spaces and wildlife areas. Applied preemergent before germination, Rejuvra will release beneficial plants and grasses for an extended period of time, allowing native plants to flourish. Use rate is 5 ounces / acre , agency priced at \$ 994.56 / gallon. So the 5 ounce rate will run \$ 38.85 / acre.

Hopefully we can get together at the January conference . Thanks again for your support. If you have any questions, please feel free to contact me. Happy fall hunting and be safe out there.

## **Bill Walker, NDWCA Industry Rep & Nutrien Solutions**

As we face a year of trials and uncertainty, so far, the pesticide industry has held up fairly well through it all, we have seen some products get tight and even some out of production until this next year and even then, no guarantees how well production will resume, we have to remember that much of the technical

materials used to make the products were coming from offshore countries like China so some materials have become short.

**Dicamba** is still highlighted and we should continue to watch where we are using this product and now, researchers are seeing more and more tolerance to dicamba from certain weed types, the pigweeds are showing more tolerance which in turn will have an effect on Palmer Amaranth control in some areas, dicamba products are still on the market and being sold, it is just the “NEW” dicamba products that were being marketed for the dicamba resistant beans and other crops that have been pulled from sales for now, some states have also made the dicamba products still for sale a “Restricted Use Product” thus requiring licensing to buy and apply.

**Glyphosate** issues are still on going, everything is still in the courts and basically by mid-2020 Bayer had in place a proposed settlement to address most of the pending cases estimated to be about 100,000 cases at this time, spurred on by a pair of multi-million dollar judgements against the company in California courtrooms.

### **Bayer:**

Has recently introduced a new product called **Rejuvra Herbicide** – it is labeled for annual grass control in range, pasture and wildlife areas, use up to 5 ounces per acre with no grazing restrictions, can use up to 7 ounces per acre rates but will have grazing restrictions on rates over 5 ounces, can be used on established perennial grasses, helps to increase pollinator habitat, wildlife habitat, forage production, helps to target the seed bank of annual grasses, seeing multi-year control (up to 3 years or so) with a single application, Cheatgrass, Foxtails, Downy Brome, Medusahead and Ventenata are just a few on the label, cost will be around \$42.75 per acre plus for the chemical not including application, is packaged in 2.5 gallon containers only at this time, 2.5 gallons will treat approximately 64 acres at the 5 ounce per acre rate.

Bayer has now released pricing information for the coming year, looks like we will see a slight price increase on Esplanade 200 SC Herbicide and Esplanade EZ Herbicide (about 2.5% increase), Method 240 SL pricing will remain the same as 2020 for 2021 at \$322.56 per gallon and still is only available in 2.5 gallon containers, most all other products (Escort XP, Telar XP, Plainview SC Herbicide, Oust XP and others have remained stable pricing from 2020 to 2021 so far.

Glyphosates (the Roundup Brands manufactured by Bayer), we have seen some slight price increases so far, pricing could/will be dictated by how much technical material is coming from offshore, not only on the Roundup brands but all glyphosate products.

### **CORTEVA:**

Has announced that we will see some price increases on some products, **Freelexx, Opensight, TerraVue, Vastlan, Vista XRT, Garlon 4 Ultra, Capstone Herbicide, Pathfinder II, Pathway Herbicide** among others, increases will range from 1% on up to about 5.6% on some products.

**Milestone Herbicide** will remain stable from what they have said so far, government program in the western states is still in effect and pricing is the same at this time.

**Tordon 22K Herbicide** is stable at this time but still might be looked at for some price increases later.

CORTEVA is currently looking at a couple of new products that might come available sometime in 2021, these would be targeted at range, pasture and right-a-ways, stay tuned for updates on these as we get them.

CORTEVA is currently making some changes to its staff and the territories they do cover, their plan now is to split North Dakota and South Dakota into two different company representatives with one covering the east and one covering the west, looks like the Missouri river might be the dividing line for this split, my personal concerns is when this happens, of possibly getting differing ideas, creating some confusion between the sides and direction.

### **BASF:**

Has not come forward with any possible price increases so far, they will normally put these out sometime in November/December but we are not expecting any real large increases on the BASF products, we did see a fairly large increase on Overdrive this year (2020) but again this is a dicamba type product and your use should be limited to necessary sites or types of weeds, Plateau supplies seemed stable for the year and pricing was stable, Arsenal Herbicide did see some supply disruptions but were temporary.

### **NuFarm:**

In talking with NuFarm they think pricing structure will stay fairly stable, at this time they think phenoxy products like the 2,4-D products look stable, as reported earlier in the year, NuFarm has exited some of it's glyphosate business in the Vegetation Management markets, AquaNeat, Razor PRO and other VM glyphosates are no longer available and the supply chains have pretty much been exhausted of these, they have taken over the Payload and Piper Herbicide marketing for Valent, E-2 Herbicide looks stable so far for pricing (no information as of this date).

### **Surfactants and Additives:**

From what we see so far these are taking a very nominal increase in pricing, 2% to 3% at this time, oil/petroleum pricing does have some effect on these when petroleum based and, with the current petroleum pricing, upticks in pricing on surfactants that use petroleum have been almost zero, also, most of these products are made in the USA so the problems faced with many pesticide products and technical material coming from offshore countries are not faced with the manufacturing of these products, the only real factor effecting these would be COVID-19 and that is only if plants are shut down because of that situation.

Other products at this time seem to be somewhat stable but we will make no predictions on what might happen.

We have to remember, much of our technical material or even the finished products are/were made in China, tariffs placed on China products have been as much as 25% and are still in effect, with the current world situation I believe, nobody can really tell what might happen for 2021, in a survey on COVID-19 and did it effect this business, 43% said yes it did, another 43% said yes it did but they adapted, if the country is slowed once again to COVID-19 problems then all bets are off.

It's still early and the next couple of months up until the first of the year will really tell what might happen in 2021, hopefully by our annual meeting in January we will have a much clearer picture.

## 2020 NDDA Noxious Weeds Updates

- **NDDA Noxious Weeds Program Contacts:**
  - **Richard Weisz**, Noxious Weeds Specialist (Bismarck)
    - Noxious weeds, federal and state funding, enforcement issues
    - (701) 328-2250
  - **Chelsey Penuel**, Plant Protection Specialist (Fargo)
    - Biocontrol, WSFF
    - (701) 226-4321
  - **Jim Hansen**, GIS/GPS Specialist (Coleharbor)
    - Mapping, dataloggers, NDDA online maps
    - (701) 425-8454
- **Outreach:**
  - Books and pocket guides are available. Please let Richard know if you need more outreach material, and we will ship it out to you.
- **Funding:**
  - 20-21 LAP Notice of Grant Awards (NOGA) have been sent to all eligible counties.
    - Currently, 28 LAP NOGAs out of 41 have been fully executed.
    - Please sign and return as soon as you're able.
      - Let Richard know if you need me to resend.
  - **TAG and LAP funds:**
    - Target Assistance Grant (TAG) Program: \$281,000
      - \$95,872 spent
      - \$185,128 available
    - Landowner Assistance Program (LAP) Grant: \$1,000,000.00
      - \$464,607.36 spent
      - \$535,392.64 available
  - **Ideas for using TAG funds:**
    - GPS equipment - dataloggers, etc.
    - Spray equipment - new or repairs
    - PPE
    - Weed scouting, monitoring, or mapping
    - Re-vegetation
    - Safety or calibration training
    - Computer hardware or software
    - Educational items or newsletters

- **LAP:**
  - Going forward, LAP is being allocated every year instead of every two years.
    - Reason: allows for more counties to meet the 3-mill eligibility mark.
  - LAP grant periods are:
    - July 1, 2019 to June 30, 2020
    - July 1, 2020 to June 30, 2021.
  - LAP Reallocation.
    - Will occur towards the end of this fiscal year.
    - Use formula to reallocate.
    - Formula no longer includes noxious weeds acres, but submission of noxious weed survey is required or county may not be eligible for LAP funding.
  
- **USFS Grants:**
  - 2018 – Cooperative Weed Management
  - 2019 – Continued Cooperative Weed Management
  - 2020 – Invasive Plant Cost-Share Grant
    - Funding is available so please reach out if you have any questions or interest.
  
- **2021 Agriculture Commissioner’s Noxious Weed Forum:**
  - **January 12, 2021** at the Bismarck Ramada
    - Free and open to the public
    - As of now, we are still planning on having the Forum in person, however this will be re-evaluated if needed.
  
- **GPS & Dataloggers:**
  - Get your GPS data submitted.
  - Call Jim if you have:
    - Questions on submitting data or computer software or hardware
    - Printed Map
  
- **Palmer amaranth:**
  - Confirmed counties in 2020:
    - New Counties:
      - Cass, Barnes, Stutsman
    - New sites in confirmed counties:
      - Benson, Richland
  - Upon revisiting sites from 2018 to 2019 Palmer plants were only found at the 2018 Richland County site and the 2019 Grant County location.
  - Please keep an eye out while spraying.
  - Please work with landowners and NDSU Extension for suspect plants.
    - Report suspect plants to the NDDA.
  - Do outreach to Landowners in your county, especially cattle producers that may procure feed from outside areas where weeds that do not occur in North Dakota exist

## **NDDA Biocontrol Update**

**Leafy spurge biocontrol:** The NDDA assisted and put out press for 5 leafy spurge flea beetle collection and distribution field days in Benson, Billings, Grant, Morton and Stark counties. In addition to public collection events, weed boards and state agencies moved many more flea beetles throughout the state, and the NDDA was able to move approximately 10 releases of leafy spurge flea beetles to McHenry County in effort to help control the large infestations of leafy spurge in the area. Both weather and the Covid-19 pandemic complicated or led to the cancelation of public collection events, however, some county weed control boards were able to use staff to collect flea beetles for local landowners in need.

Montana Biocontrol Project was able to supply the NDDA with 10 releases of leafy spurge stem borer. In addition, the NDDA purchased 10 releases of leafy spurge tip gall midge. All releases were distributed in McHenry County.

**Canada thistle biocontrol:** Six of the seven Canada thistle rust fungus established in 2019, were monitored in June and July for evidence of establishment. No evidence was detected during monitoring. Native populations of the rust fungus were monitored at the Cass county site, and samples were collected for viewing under microscopes.

In September, the NDDA released additional inoculum at the Cass and Emmons counties sites established in 2019. Additional inoculum was sent to Stutsman and Ward counties for release at sites established in 2019.

The NDDA joined the USDA APHIS to monitor 2019 release site in Morton County in July. No evidence was detected.

**Purple loosestrife biocontrol:** The NDDA purchased 2 releases of purple loosestrife defoliating beetles that were released in May in Barnes County.

## **NDDA WSFF Update**

During the 2020 growing season, the NDDA Weed Seed Free Forage (WSFF) program contracted with 6 individuals to preform WSFF inspections throughout the state and 4 county weed control boards to preform WSFF inspections within their jurisdiction. Thus far (numbers not final), fields were inspected in 12 counties; counties included Billings, Cass, Dunn, Lamoure, McKenzie, Mountrail, Sargent, Slope, Stark, Towner, Ward and Williams. Inspections occurred from April 20, 2020 through September 10, 2020. Over 6,906 acres inspected and 11,148 bales of alfalfa, mixed hay, and wheat, barley, and durum straw were certified.

**New Business:**

**Elections:**

**2<sup>nd</sup> Vice President: None**

Area 5 Director: Joan Lorge was nominated by Jodee Egly

There were no other nominations all were in favor of Joan being Area 5 Director come 2021

1st Alternate: Josh Hetland nominated by Tim Oberfoell 2nd by Mark Golberg

2nd Alternate: Mark Golberg nominated by Joan Lorge 2nd by Jodee Egly

Motion to Adjourn: Gene Davis (Slope) moved to adjourn the meeting, 2nd Mark Goldberg (Golden Valley)

Meeting ended at 9:28am