

Message

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**From:** Beck, Nancy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=168ECB5184AC44DE95A913297F353745-BECK, NANCY]  
**Sent:** 6/5/2017 8:10:43 PM  
**To:** Scott Herndon [sherndon@americansugarbeet.org]  
**CC:** Bennett, Tate [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1fa92542f7ca4d01973b18b2f11b9141-Bennett, El]; Palich, Christian [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=330ad62e158d43af93fcbbece930d21a-Palich, Chr]; Cassie Bladow [Cassie.Bladow@beetsugar.org]; Graham, Amy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=26722dfde5b34925b0ad9a8dd4aff308-Graham, Amy]  
**Subject:** RE: Section 18

Scott,

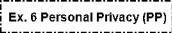
My understanding is that some toxicology data is still being developed. We'll have to see these data to understand what the future will look like for chlorothalonil.

Regarding alternatives, below is what we are looking at:

1. cyprodinil + difenoconazole
2. difenoconazole + benzovindiflupyr
3. fluazinam

Nancy

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Nancy B. Beck, Ph.D., DABT  
Deputy Assistant Administrator, OCSPP  
P: 202-564-1273  
M:   
[beck.nancy@epa.gov](mailto:beck.nancy@epa.gov)

---

**From:** Scott Herndon [mailto:sherndon@americansugarbeet.org]  
**Sent:** Monday, June 5, 2017 12:44 PM  
**To:** Beck, Nancy <Beck.Nancy@epa.gov>  
**Cc:** Bennett, Tate <Bennett.Tate@epa.gov>; Palich, Christian <palich.christian@epa.gov>; Cassie Bladow <Cassie.Bladow@beetsugar.org>; Graham, Amy <graham.amy@epa.gov>  
**Subject:** RE: Section 18

Dr. Beck,

I'd like to thank you and everyone else involved in this again for all of your work!

Do you have any sense yet of the likelihood of chlorothalonil being approved for use on sugarbeets for the 2018 season? Or is it more likely that it won't be fully approved until the 2019 season? I'm trying to get a sense of the path forward on this.

Also, has any progress been made on identifying workable alternatives to chlorothalonil for this season? I know there was some hope for workable solutions from registered products. I'd love to share the specific alternatives with our folks, if possible.

Thanks again for all of your help and time!

Best,

Scott

**Scott Herndon**

*Director of Biotechnology and Regulatory Affairs*

American Sugarbeet Growers Association

1155 15<sup>th</sup> Street NW #1100

Washington, DC 20005

202-595-0786

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**From:** Beck, Nancy [<mailto:Beck.Nancy@epa.gov>]

**Sent:** Friday, May 12, 2017 6:36 PM

**To:** Scott Herndon <[sherndon@americansugarbeet.org](mailto:sherndon@americansugarbeet.org)>

**Cc:** Bennett, Tate <[Bennett.Tate@epa.gov](mailto:Bennett.Tate@epa.gov)>; Palich, Christian <[palich.christian@epa.gov](mailto:palich.christian@epa.gov)>; Cassie Bladow <[Cassie.Bladow@beetsugar.org](mailto:Cassie.Bladow@beetsugar.org)>; Graham, Amy <[graham.amy@epa.gov](mailto:graham.amy@epa.gov)>

**Subject:** RE: Section 18

Scott,

Below is the latest. Long story short, we are currently working with state and Extension Service experts to explore and identify possible alternatives as we evaluate the request. We have had similar situations like this and have been able to work cooperatively to find alternative approaches in emergency situations. Our staff is meeting internally with extension experts and trying to schedule a meeting with the sugar beet states for next week.

Regarding the data needs, below is what I've learned. However, I would encourage you to keep in mind that the work noted above to identify possible alternative approaches with the states is what will likely be most helpful to your group because it does take time to run through the full risk evaluation process.

Summary:

North Dakota and Minnesota submitted to the agency emergency exemption requests for the subject uses in late March and early April, 2017, respectively, but chlorothalonil has outstanding data requirements most of which concern the need for a subchronic inhalation study, which precludes the agency from being able to make the required aggregate risk safety finding.

More specifically, the Chlorothalonil Scoping Document of March, 2012, developed to support the opening of the docket for registration review, indicates that in our most recent risk assessment (2010),

- MOEs for short and intermediate-term occupational handler inhalation exposures exceed HED's LOC (MOE  $\leq 1000$ ). For mixing/loading liquids for aerial, chemigation, and groundboom applications, MOEs range from 42 to 180.
- MOEs for short-term residential handler exposure exceeded HED's LOC (MOE=1000). For mixing/loading/applying liquids with a brush or sprayer MOEs range from 52 to 220.

Because there is no inhalation study of appropriate length available to assess short- and intermediate-term exposures, HED relied upon an acute study (in which no NOAEL was achieved) to assess short- and intermediate-term exposure. Additional UFs were applied for both the lack of an NOAEL and the lack of a subchronic inhalation study.

In response to this risk assessment, the registrant withdrew the new use applications that triggered the need for this risk assessment.

In March 2013, after OMB review, we issued the Registration Review data call-in. Nearly 25 studies were identified as being needed to support the registration review. Most pertinent to this situation is the need for a 90-day subchronic inhalation study, but we identified a number of other missing studies across human exposure, animal tox, environmental fate, and ecological effects. Sipcam Agro, the registrant for the requested product under section 18, was a recipient of the DCI and a copy of the DCI has been posted in the registration review public docket since July 2013.

We have been working with the consortium of chlorothalonil registrants to build a record for an upcoming FIFRA SAP peer review meeting on the use of in vitro studies and CFD/MMAD models for deriving points of departure and uncertainty factors. This would be the first time that EPA derived a point of departure from an in vitro study. We are targeting late 2017 or early 2018 for that SAP meeting.

So as you can see this process takes time. Given all that and the need for the emergency use, as I noted above, we are reaching out to the states and to the land grant universities to explore other control options for this fungal pest that we might be able to make available under section 18. The point Rick was trying to make in his testimony is that the earlier engagement we have with the states on potential control tools, the less likely that we will find ourselves in a situation mere days before the use needs to occur of having to scramble to find an alternative. This is an approach that we use with IR-4 (Interregional Risk Project 4); they don't conduct research on chemicals where we don't think we'll be able to make the FFDCA safety finding. That way, their packages move rather quickly through the review process.

Please let me know if you have any questions.

Regards,  
Nancy

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Nancy B. Beck, Ph.D., DABT  
Deputy Assistant Administrator, OCSPP  
P: 202-564-1273

**Ex. 6**

[beck.nancy@epa.gov](mailto:beck.nancy@epa.gov)

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**From:** Scott Herndon [<mailto:sherndon@americansugarbeet.org>]  
**Sent:** Friday, May 12, 2017 4:10 PM  
**To:** Beck, Nancy <[Beck.Nancy@epa.gov](mailto:Beck.Nancy@epa.gov)>  
**Cc:** Bennett, Tate <[Bennett.Tate@epa.gov](mailto:Bennett.Tate@epa.gov)>; Palich, Christian <[palich.christian@epa.gov](mailto:palich.christian@epa.gov)>; Cassie Bladow <[Cassie.Bladow@beetsugar.org](mailto:Cassie.Bladow@beetsugar.org)>; Graham, Amy <[graham.amy@epa.gov](mailto:graham.amy@epa.gov)>  
**Subject:** Re: Section 18

Thanks so much!

Scott

Sent from my iPhone

On May 11, 2017, at 6:30 PM, Beck, Nancy <[Beck.Nancy@epa.gov](mailto:Beck.Nancy@epa.gov)> wrote:

Scott,  
I will work with my staff to get you some answers.

Regards,  
Nancy

---

Nancy B. Beck, Ph.D., DABT

Deputy Assistant Administrator, OCSPP

P: 202-564-1273

M: Ex. 6 Personal Privacy (PP)

[beck.nancy@epa.gov](mailto:beck.nancy@epa.gov)

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**From:** Scott Herndon [<mailto:sherndon@americansugarbeet.org>]

**Sent:** Thursday, May 11, 2017 12:38 PM

**To:** Bennett, Tate <[Bennett.Tate@epa.gov](mailto:Bennett.Tate@epa.gov)>; Beck, Nancy <[Beck.Nancy@epa.gov](mailto:Beck.Nancy@epa.gov)>

**Cc:** Palich, Christian <[palich.christian@epa.gov](mailto:palich.christian@epa.gov)>; Cassie Bladow <[Cassie.Bladow@beetsugar.org](mailto:Cassie.Bladow@beetsugar.org)>;

Graham, Amy <[graham.amy@epa.gov](mailto:graham.amy@epa.gov)>

**Subject:** RE: Section 18

Christian and Amy, it was nice meeting you!

I have listened to the hearing about 20 times now so that I could transcribe the Section 18 comments verbatim for our growers. I've pasted them below for you as well. When you are able, do you mind telling me what data is missing, if any? I've heard that it is the vapor data that is missing but have alternatively heard that it is the residue data that is missing. I want to make sure that our folks have or can provide all necessary data. I've also attached the relevant contacts for this issue.

Thanks so much again!

My transcript of Section 18 comments from today's hearing below:

**Senator Stabenow:**

"Thank you Mr. Chairman and thank you to both of our witnesses. Mr. Keigwin, I first want to thank you personally for your engagement with Michigan State University and our Michigan hop growers that created the gift that we just gave to the Chairman to facilitate Section 18 exemptions under FIFRA. Most recently I've heard from Michigan sugar beet growers about emergency use needs under Section 18 as well. What steps can be taken by growers, states, manufacturers and the EPA to make this Section 18 process more efficient so that growers facing unexpected risk can get needed crop insurance tools in a timely manner?"

**Mr. Rick Keigwin, Acting Director, Office of Pesticide Programs, EPA**

"Thank you, Senator, and I've had the great fortune of meeting with Michigan growers on a number of occasions. Your growers sponsor an annual tour to help educate EPA employees about Michigan agriculture and what farmers do to help grow our crops so thank you for that. In terms of Section 18s, we have a pretty solid record of completing our decision making for most Section 18 emergency exemptions in less than 50 days but there are times and I think this situation with the sugar beet ones, the growers, that came to your attention highlights the need for early engagement between EPA, the Michigan Department of Agriculture and the grower community and the land-grant universities. Knowing early on what tools a grower might need to address an emerging pest situation. It is hard when at the end of the process, or right when they need to apply the product, for EPA to say, 'wait, hold on, we might have a problem' so one process efficiency would probably be for us to have earlier engagement, maybe even before the state submits their Section 18 request to see if there might be any issues with that particular chemical and to the extent to which there are we could work collaboratively with cooperative extension and with the state to maybe find some alternatives that we could move through the process more quickly to address the emerging pest management."

**Scott Herndon**

*Director of Biotechnology and Regulatory Affairs*  
American Sugarbeet Growers Association  
1155 15<sup>th</sup> Street NW #1100  
Washington, DC 20005  
202-595-0786

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**From:** Bennett, Tate [<mailto:Bennett.Tate@epa.gov>]  
**Sent:** Wednesday, May 10, 2017 10:21 PM  
**To:** Beck, Nancy <[Beck.Nancy@epa.gov](mailto:Beck.Nancy@epa.gov)>  
**Cc:** Palich, Christian <[palich.christian@epa.gov](mailto:palich.christian@epa.gov)>; Scott Herndon <[sherndon@americansugarbeet.org](mailto:sherndon@americansugarbeet.org)>;  
Cassie Bladow <[Cassie.Bladow@beetsugar.org](mailto:Cassie.Bladow@beetsugar.org)>; Graham, Amy <[graham.amy@epa.gov](mailto:graham.amy@epa.gov)>  
**Subject:** Re: Section 18

Scott- Christian and Amy will be at the hearing tomorrow with Rick. Were you planning to be there?

On May 10, 2017, at 10:05 PM, Beck, Nancy <[Beck.Nancy@epa.gov](mailto:Beck.Nancy@epa.gov)> wrote:

This is bizarre. On our call when we discussed reaching out to Stabenow, Rick clearly stated that he would state that believed his staff spoke prematurely and that they were looking at all the options.

Rick seems like such a straight shooter this just isn't adding up. Are we sure that Rick was the only one that spoke w Stabenows office and there wasn't some other call with his staffer?

I can check w Sven as he would have been on the call.

---

Nancy B. Beck, Ph.D., DABT  
Deputy Assistant Administrator, OCSPP  
P: [202-564-1273](tel:202-564-1273)  
M: [Ex. 6 Personal Privacy \(PP\)](mailto:Beck.Nancy@epa.gov)  
[Beck.Nancy@epa.gov](mailto:Beck.Nancy@epa.gov)

On May 10, 2017, at 9:27 PM, Palich, Christian <[palich.christian@epa.gov](mailto:palich.christian@epa.gov)> wrote:

I sat in on that call for a minute but was pulled away to another meeting, ill follow up with career staff in the morning to see a status.

I'll defer to Nancy on how to handle this more technical response.

Thanks so much for the heads up Scott.

Christian R. Palich  
Deputy Associate Administrator  
Congressional & Intergovernmental Relations  
202.306.4656

Sent from my iPhone

On May 10, 2017, at 9:15 PM, Bennett, Tate <[Bennett.Tate@epa.gov](mailto:Bennett.Tate@epa.gov)> wrote:

Thank you for the heads up. Looping in Nancy as it relates to the imminent hearing tomorrow. We

probably need to give some messaging instructions on this so he doesn't tie our hands "on the record."  
Thoughts?

On May 10, 2017, at 9:10 PM, Scott Herndon  
<[sherndon@americansugarbeet.org](mailto:sherndon@americansugarbeet.org)> wrote:

Tate,

I wanted to give you a heads up that Senator Stabenow's Ag. Committee staff spoke with EPA career staff this afternoon. The EPA staff don't believe that they have any room on this issue and still believe there is a data gap. From what Stabenow's staff relayed to me, EPA staff characterized the Section 18 component as relatively straightforward under FIFRA but the Food Drug and Cosmetic Act (FDCA) requirements for residues and granting tolerances are very strict. Under Section 18, the cost benefit analysis can weigh the economic harm, etc. I asked them to triple check with EPA that they were looking at the data SipCam submitted on Friday and they said they would (attached).

Also, they may bring this up at the Senate Agriculture hearing tomorrow with the Director of Pesticide Programs. We did not ask them to do this but I also don't think that I can ask them not to do it. I just wanted to give you a heads up so you all wouldn't be caught off guard. Hearing info here:  
<https://www.agriculture.senate.gov/hearings/pesticide-registration-under-the-federal-insecticide-fungicide-and-rodenticide-act-providing-stakeholders-with-certainty-through-the-pesticide-registration-improvement-act>

Thanks again!

Scott

Scott Herndon  
*Director of Biotechnology and  
Regulatory Affairs*  
American Sugarbeet Growers  
Association

202-595-0786

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**From:** Cassie Bladow  
[mailto:Cassie.Bladow@beetsugar.org]  
**Sent:** Tuesday, May 09, 2017 4:43 PM  
**To:** Bennett, Tate  
<Bennett.Tate@epa.gov>; Scott  
Herndon  
<sherndon@americansugarbeet.org>  
**Subject:** RE: Section 18

Thank you, Tate! Really appreciate your help!

---

**From:** Bennett, Tate  
[mailto:Bennett.Tate@epa.gov]  
**Sent:** Tuesday, May 9, 2017 4:37 PM  
**To:** Scott Herndon  
<sherndon@americansugarbeet.org>  
**Cc:** Cassie Bladow  
<Cassie.Bladow@beetsugar.org>  
**Subject:** RE: Section 18

FYI we are on it.

Interesting. I'm not confident her management is aware of these conversations. Will find out.

---

Nancy B. Beck, Ph.D., DABT  
Deputy Assistant Administrator, OCSPP  
P: 202-564-1273  
M: Ex. 6 Personal Privacy (PP)  
[Beck.Nancy@epa.gov](mailto:Beck.Nancy@epa.gov)

---

**From:** Scott Herndon  
[mailto:sherndon@americansugarbeet.org]  
**Sent:** Tuesday, May 9, 2017 4:09 PM  
**To:** Bennett, Tate  
<Bennett.Tate@epa.gov>  
**Cc:** Cassie Bladow  
<Cassie.Bladow@beetsugar.org>  
**Subject:** RE: Section 18

Tate,

I've looped Cassie back in and wanted to give you both an update. Dr. Mohamed Khan with NDSU had a

conversation with Andrea Conrath at EPA (her contact information is below) this morning about the new data that was supplied by SipCam. Dr. Khan prepared the Section 18 applications that were requested by the ND and MN Departments of Agriculture. He also prepared the application that we expect the Michigan Department of Agriculture to file soon.

In his email to me he stated "I spoke to Andrea today at EPA. Unfortunately, she does not believe the new tolerance data submitted will help. Seems they are looking for some data for some other studies." I have been unable to determine what additional data they need and have asked Dr. Khan if that was relayed to him but have not yet heard back.

<image001.jpg>

Thanks!

Scott Herndon  
Director of Biotechnology and  
Regulatory Affairs  
American Sugarbeet Growers  
Association  
1155 15th Street NW #1100  
Washington, DC 20005  
202-595-0786

-----Original Message-----

From: Scott Herndon  
Sent: Monday, May 8, 2017 5:43 PM  
To: 'Bennett, Tate'  
<[Bennett.Tate@epa.gov](mailto:Bennett.Tate@epa.gov)>  
Subject: RE: Section 18

SipCam has state registrations for Cercos (brand name) in Michigan, North Dakota, Minnesota.

North Dakota expires in 12/31/2017  
Michigan expires in 6/30/2017  
Minnesota expires 12/31/2017  
SipCam will renew all of them

Scott Herndon  
Director of Biotechnology and  
Regulatory Affairs American Sugarbeet  
Growers Association  
1155 15th Street NW #1100  
Washington, DC 20005  
202-595-0786

-----Original Message-----

From: Bennett, Tate  
[mailto:Bennett.Tate@epa.gov]  
Sent: Monday, May 8, 2017 5:33 PM  
To: Scott Herndon  
<sherndon@americansugarbeet.org>  
Subject: Re: Section 18

Do these states currently have permits?  
What is the exact date of expiration?

> On May 8, 2017, at 5:20 PM, Scott  
Herndon  
<sherndon@americansugarbeet.org>  
wrote:  
>  
> Tate,  
>  
> Apologies for the delay! I am now  
back at my computer and have put  
together a short backgrounder as well  
as relevant industry contacts.  
>  
> I have also attached the  
correspondence from EPA to the ND  
and MN Departments of Agriculture  
asking them to withdraw their request.  
>  
> In addition, I have attached a cover  
letter that SipCam submitted to EPA on  
Friday, May 5th with additional data.  
>  
> Thanks so much for your help and  
please don't hesitate to email or call if  
you have any questions.  
>  
> Have a great evening!  
>  
> Scott  
>  
> Scott Herndon  
> Director of Biotechnology and  
Regulatory Affairs American Sugarbeet

> Growers Association  
> 1155 15th Street NW #1100  
> Washington, DC 20005  
> 202-595-0786  
> Ex. 6 Personal Privacy (PP) (cell)  
>  
> -----Original Message-----  
> From: Bennett, Tate  
> [mailto:Bennett.Tate@epa.gov]  
> Sent: Monday, May 8, 2017 3:34 PM  
> To: Scott Herndon  
> <sherndon@americansugarbeet.org>  
> Cc: Cassie Bladow  
> <Cassie.Bladow@beetsugar.org>  
> Subject: Re: Section 18  
>  
> Thanks!  
>  
>> On May 8, 2017, at 3:32 PM, Scott  
>> Herndon  
>> <sherndon@americansugarbeet.org>  
>> wrote:  
>>  
>> Tate,  
>>  
>> I have all of the information in my  
>> office but am on the Hill right now. I'll  
>> send everything to you this evening.  
>>  
>> Thanks so much!  
>>  
>> Scott  
>>  
>> Sent from my iPhone  
>>  
>>> On May 8, 2017, at 3:13 PM,  
>>> Bennett, Tate <Bennett.Tate@epa.gov>  
>>> wrote:  
>>>  
>>> Hey Scott- do you have any  
>>> summaries/background papers?  
>>>  
>>>> On May 8, 2017, at 2:47 PM,  
>>>> Cassie Bladow  
>>>> <Cassie.Bladow@beetsugar.org> wrote:  
>>>>  
>>>> Tate,  
>>>>  
>>>> Thank you for taking the time to  
>>>> chat this morning. As we discussed, I  
>>>> am looping Scott Herndon who works  
>>>> for the American Sugarbeet Growers  
>>>> Association into the conversation since

he has done a lot of work on this issue and will be able to provide you with background and answer any questions you have.

>>>>

>>>> We really appreciate your guidance helping us move this along, especially given our tight timeline.

>>>>

>>>> Thanks again!

>>>> Cassie

>>>>

> <Section 18 for Chlorothalonil  
Contacts.docx> <Chlorothalonil

> Background.docx>

> <2017-05-05 Chlorothalonil Tech-  
Echo 500 Sugarbeet Tol Pet-Label

> Amend-C....pdf> <EPA email to ND  
and MN Departments of

> Agriculture.docx>

<2017-05-05 Chlorothalonil Tech- Echo  
500 Sugarbeet Tol Pet-Label Amend-  
C....pdf>