Message

**From**: Arnold, Elyssa [Arnold.Elyssa@epa.gov]
**Sent**: 9/11/2019 7:05:23 PM
**To**: Lin, James [lin.james@epa.gov]; Blankinship, Amy [Blankinship.Amy@epa.gov]; Wente, Stephen [Wente.Stephen@epa.gov]
**Subject**: RE: aldicarb GW numbers

Looks good to me!

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**From:** Lin, James <lin.james@epa.gov>
**Sent:** Wednesday, September 11, 2019 12:42 PM
**To:** Blankinship, Amy <Blankinship.Amy@epa.gov>; Wente, Stephen <Wente.Stephen@epa.gov>; Arnold, Elyssa <Arnold.Elyssa@epa.gov>
**Subject:** RE: aldicarb GW numbers

Please see attached and provide any comments and suggestions.
Thanks much.

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**From:** Blankinship, Amy <Blankinship.Amy@epa.gov>
**Sent:** Wednesday, September 11, 2019 12:25 PM
**To:** Wente, Stephen <Wente.Stephen@epa.gov>; Lin, James <lin.james@epa.gov>; Arnold, Elyssa <Arnold.Elyssa@epa.gov>
**Subject:** RE: aldicarb GW numbers

Hi,

Per our discussion, since it will take a bit to look into the PCA in terms of what is appropriate, I suggest we move the table and we can add Deliberative Process / Ex. 5 Deliberative Process / Ex. 5 Correct me if I'm wrong or if other wording would be better.

Also, I would add "Draft – internal, deliberative" to the top of the document.

Steve – don't worry about looking at it tonight.

Amy

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**From:** Wente, Stephen <Wente.Stephen@epa.gov>
**Sent:** Wednesday, September 11, 2019 12:16 PM
**To:** Lin, James <lin.james@epa.gov>; Blankinship, Amy <Blankinship.Amy@epa.gov>; Arnold, Elyssa <Arnold.Elyssa@epa.gov>
**Subject:** RE: aldicarb GW numbers

I can take a look at it tonight.

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**From:** Lin, James <lin.james@epa.gov>
**Sent:** Wednesday, September 11, 2019 12:06 PM
**To:** Blankinship, Amy <Blankinship.Amy@epa.gov>; Wente, Stephen <Wente.Stephen@epa.gov>; Arnold, Elyssa <Arnold.Elyssa@epa.gov>
**Subject:** RE: aldicarb GW numbers

I will wait for Steve to comment.

Deliberative Process / Ex. 5

Thanks much.

Jim

| Use | Max. Single App. Rate (lbs a.i./A) | Max. Annual App. Rate (lbs a.i./A) | Min. App. Interval (d) | App. Method | Labeled Use States |
|---|---|---|---|---|---|
| Cotton | 1.05 (At Planting)<br>0.75 (Side Dress)<br>2.1 (Side Dress)* | 1.8<br>3.15* | 21 | at-plant: in furrow and T-band<br>post-emergent: in furrow | U.S.<br>*[CA only] |
| Dry Beans | 2.1 | 2.1 | 0 | at-plant: in furrow | CO, ID, MI, OR, WA only |
| Peanuts | 1.05 (At Planting)<br>1.5 (Post-Emergence) | 2.55 | 14 | at-plant: in furrow, incorporated band or T-band<br>post-emergent: banded over foliage | U.S.<br>[Split application only in AL, FL, GA, NC, OK, TX, VA] |
| Soybeans | 1.05 | 1.05 | 0 | at-plant: in furrow or T-band | GA, NC, SC, VA only |
| Sugar Beets | 4.95 (At Planting)<br>3.0 (Post-Emergence)<br>4.05 (Post-Emergence)<br>2.1 (At Planting)*<br>2.1 (Side Dress)* | 4.95<br>4.2* | 14 | at-plant: in furrow, incorporated band or T-band<br>post-emergent: in furrow, incorporated side band or side dress | [CO, ID, MT, NE, OR, WA, WY only]<br>*[CA only] |
| Sweet Potatoes | 3.0 | 3.0 | 0 | pre-plant or at-plant: band covered by hilling | LA, MS only |

**From:** Blankinship, Amy <Blankinship.Amy@epa.gov>
**Sent:** Wednesday, September 11, 2019 11:53 AM
**To:** Lin, James <lin.james@epa.gov>; Wente, Stephen <Wente.Stephen@epa.gov>; Arnold, Elyssa <Arnold.Elyssa@epa.gov>
**Subject:** RE: aldicarb GW numbers

Thanks Jim. Question – Deliberative Process / Ex. 5
Deliberative Process / Ex. 5

If I read the use table correctly, Deliberative Process / Ex. 5
Deliberative Process / Ex. 5
Deliberative Process / Ex. 5?

Thanks,
Amy

**From:** Lin, James <lin.james@epa.gov>
**Sent:** Wednesday, September 11, 2019 8:31 AM
**To:** Blankinship, Amy <Blankinship.Amy@epa.gov>; Wente, Stephen <Wente.Stephen@epa.gov>; Arnold, Elyssa <Arnold.Elyssa@epa.gov>
**Subject:** RE: aldicarb GW numbers

Please see attached EDWC results cover both SW and GW.
Thanks much.

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**From:** Blankinship, Amy <Blankinship.Amy@epa.gov>
**Sent:** Wednesday, September 11, 2019 7:25 AM
**To:** Lin, James <lin.james@epa.gov>; Wente, Stephen <Wente.Stephen@epa.gov>; Arnold, Elyssa <Arnold.Elyssa@epa.gov>
**Subject:** RE: aldicarb GW numbers

Hi,

For this preliminary needs for HED, the map below is likely enough. We would need to make sure Kurt has time and approval to make the map for us. I can talk to Lee and ask if his group can help out.

Thanks everyone for taking the time to pull this information together.

Amy

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**From:** Lin, James <lin.james@epa.gov>
**Sent:** Wednesday, September 11, 2019 7:23 AM
**To:** Wente, Stephen <Wente.Stephen@epa.gov>; Blankinship, Amy <Blankinship.Amy@epa.gov>; Arnold, Elyssa <Arnold.Elyssa@epa.gov>
**Subject:** RE: aldicarb GW numbers

Thanks much, Steve, for this pH information.
Please ask Kurt to get a Florida pH map for us.

Jim

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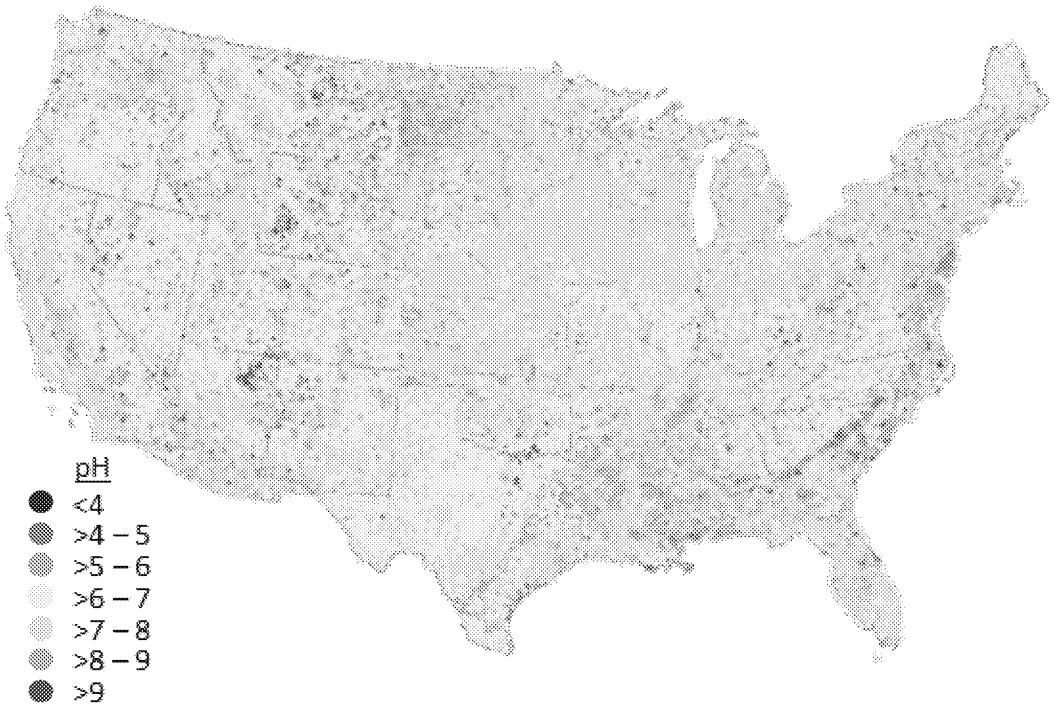
**From:** Wente, Stephen <Wente.Stephen@epa.gov>
**Sent:** Wednesday, September 11, 2019 7:20 AM
**To:** Lin, James <lin.james@epa.gov>; Blankinship, Amy <Blankinship.Amy@epa.gov>; Arnold, Elyssa <Arnold.Elyssa@epa.gov>
**Subject:** RE: aldicarb GW numbers

Here is a groundwater pH map for the continental US. (If you want to present groundwater numbers by pH it might help to have a map, since there is a range across Florida.) Attached is the raw data, so if anyone has GIS on their computer (I got Kurt Pluntke to make this map for me), they could create a map that focuses in on Florida. I will be in training and presenting at the PFTTT at 2pm (be there or be square). Would people want a map? I can talk to Kurt? Note that Jerrett could do it, but he is in training with me.




**From:** Lin, James <lin.james@epa.gov>
**Sent:** Tuesday, September 10, 2019 9:39 AM
**To:** Blankinship, Amy <Blankinship.Amy@epa.gov>; Wente, Stephen <Wente.Stephen@epa.gov>; Arnold, Elyssa <Arnold.Elyssa@epa.gov>
**Subject:** RE: aldicarb GW numbers

Hi, All:

Please comment on this draft, so it is good to HED.
Thanks much.

Jim

**From:** Blankinship, Amy <Blankinship.Amy@epa.gov>
**Sent:** Tuesday, September 10, 2019 9:23 AM
**To:** Lin, James <lin.james@epa.gov>; Wente, Stephen <Wente.Stephen@epa.gov>; Arnold, Elyssa <Arnold.Elyssa@epa.gov>
**Subject:** RE: aldicarb GW numbers

Hi Jim,

Thanks for these numbers. Would you mind putting all this information (what you have in the email string below) into a Word document so we can forward to HED?

Thanks,
Amy

**From:** Lin, James <lin.james@epa.gov>
**Sent:** Thursday, September 05, 2019 2:33 PM
**To:** Wente, Stephen <Wente.Stephen@epa.gov>; Blankinship, Amy <Blankinship.Amy@epa.gov>; Arnold, Elyssa <Arnold.Elyssa@epa.gov>
**Subject:** RE: aldicarb GW numbers

Previous DWA (098301_427697_DWA_06-17-15.doc) show the use table as below:

| Use | Max. Single App. Rate (lbs a.i./A) | Max. Annual App. Rate (lbs a.i./A) | Min. App. Interval (d) | App. Method | Labeled Use States |
|---|---|---|---|---|---|
| Cotton [C] | 1.05 (At Planting)<br>0.75 (Side Dress)<br>2.1 (Side Dress)* | 1.8 [A]<br>3.15* [A] | 21 | at-plant: in furrow and T-band<br>post-emergent: in furrow | U.S.<br>*[CA only] |
| Dry Beans | 2.1 | 2.1 [A] | 0 | at-plant: in furrow | CO, ID, MI, OR, WA only |
| Peanuts [B] | 1.05 (At Planting)<br>1.5 (Post-Emergence) | 2.55 [A] | 14 | at-plant: in furrow, incorporated band or T-band<br>post-emergent: banded over foliage | U.S.<br>[Split application only in AL, FL, GA, NC, OK, TX, VA] |
| Soybeans | 1.05 | 1.05 [A] | 0 | at-plant: in furrow or T-band | GA, NC, SC, VA only |
| Sugar Beets [D] | 4.95 (At Planting)<br>3.0 (Post-Emergence)<br>4.05 (Post-Emergence)<br>2.1 (At Planting)*<br>2.1 (Side Dress)* | 4.95 [A]<br>4.2* [A] | 14 | at-plant: in furrow, incorporated band or T-band<br>post-emergent: in furrow, incorporated side band or side dress | [CO, ID, MT, NE, OR, WA, WY only]<br>*[CA only] |
| Sweet Potatoes [E] | 3.0 | 3.0 [A] | 0 | pre-plant or at-plant: band covered by hilling | LA, MS only |

The highest EDWCs are based on the sugar beets use –

| | | | |
|---|---|---|---|
| Sugar Beets | MN sugar beets | Apr. 15 | 4.05<br>(Post Emergence) |

For the new Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

**From:** Wente, Stephen <Wente.Stephen@epa.gov>
**Sent:** Thursday, September 05, 2019 2:02 PM
**To:** Blankinship, Amy <Blankinship.Amy@epa.gov>
**Cc:** Lin, James <lin.james@epa.gov>
**Subject:** RE: aldicarb GW numbers

I think everything you said is fine for assessing citrus. However Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

**From:** Blankinship, Amy <Blankinship.Amy@epa.gov>
**Sent:** Thursday, September 05, 2019 1:47 PM
**To:** Wente, Stephen <Wente.Stephen@epa.gov>
**Subject:** RE: aldicarb GW numbers

I know we discussed you doing it, but since he started the conversation, I thought I would just answer him so he knew where I stood on it. Please add or correct anything I've said in the email below.

**From:** Wente, Stephen <Wente.Stephen@epa.gov>
**Sent:** Thursday, September 05, 2019 1:46 PM
**To:** Blankinship, Amy <Blankinship.Amy@epa.gov>
**Subject:** RE: aldicarb GW numbers

Thanks for sending.

**From:** Blankinship, Amy <Blankinship.Amy@epa.gov>
**Sent:** Thursday, September 05, 2019 11:55 AM
**To:** Lin, James <lin.james@epa.gov>; Arnold, Elyssa <Arnold.Elyssa@epa.gov>
**Cc:** Wente, Stephen <Wente.Stephen@epa.gov>
**Subject:** RE: aldicarb GW numbers

Hi Jim,

Yes, I agree that we should Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

I don't want to get too deep in the weeds yet and explore other additional refinements characterizations. Let's run the numbers and see where we are and can share them with HED and the team. I'm interested in what the usage and PCT discussions bear.

Thanks,
Amy

**From:** Lin, James <lin.james@epa.gov>
**Sent:** Thursday, September 05, 2019 10:23 AM
**To:** Arnold, Elyssa <Arnold.Elyssa@epa.gov>; Blankinship, Amy <Blankinship.Amy@epa.gov>
**Cc:** Wente, Stephen <Wente.Stephen@epa.gov>
**Subject:** RE: aldicarb GW numbers

I did Deliberative Process / Ex. 5 should be explored.

**From:** Arnold, Elyssa <Arnold.Elyssa@epa.gov>
**Sent:** Thursday, September 05, 2019 10:21 AM
**To:** Blankinship, Amy <Blankinship.Amy@epa.gov>

**Cc:** Lin, James <lin.james@epa.gov>; Wente, Stephen <Wente.Stephen@epa.gov>
**Subject:** aldicarb GW numbers

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