

## Caldwell, Dwayne

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**From:** RISCH, JIM  
**Sent:** Wednesday, April 10, 2024 4:37 PM  
**To:** Caldwell, Dwayne; Metcalfe, Jacqueline (Fran)  
**Subject:** RE: RM 11805 Adams County Simplot Release

Dwayne,

Sorry, just getting to this.

I agree and I thought that nitrate results would be higher. The reference I checked showed 10-50 mg/kg nitrate range for healthy farm fields. The highest result on table was 27 ppm (mg/kg).

Also, the ammonium (NH<sub>4</sub>-N) column on the table shows no results – does that mean NH<sub>4</sub>-N results were non-detect? Or not measured? The analytical method and reporting limits were not shown on table. Cannot tell if results are dry-weight or wet-weight.

IDEM could collect soil samples for nitrate analysis at same locations if need to confirm. Any specific info regarding sample locations available? Photos or field record may help decide how to proceed. Results on the table suggest there is no need for further investigation or remediation.

In office tomorrow.  
Jim R.

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**From:** Caldwell, Dwayne <DCaldwel@idem.IN.gov>  
**Sent:** Wednesday, April 10, 2024 9:55 AM  
**To:** Metcalfe, Jacqueline (Fran) <FMETCALF@idem.IN.gov>; RISCH, JIM <JRISCH@idem.IN.gov>  
**Subject:** RM 11805 Adams County Simplot Release

Good morning!

Here are the soil test results Simplot provided. I would have thought they would have been higher. Any thoughts on remediation etc.?



Dwayne S. Caldwell  
On Scene Coordinator Emergency Response  
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Indiana Department of Environmental Management

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**From:** Caldwell, Dwayne <DCaldwel@idem.IN.gov>

**Sent:** Tuesday, April 9, 2024 7:53 AM

**To:** Rossi, Anthony <anthony.rossi@simplot.com>

**Cc:** Harner, Bub <Steve.harner@simplot.com>; Metcalfe, Jacqueline (Fran) <FMETCALF@idem.IN.gov>; RISCH, JIM <JRISCH@idem.IN.gov>

**Subject:** [EXTERNAL] RM 111805 N-28 Release

[Warning: External Email]

Good Morning,

Have you received the results from the soil/water tests from the Adams County Simplot N-28 release yet?

v/r



Dwayne S. Caldwell

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## Caldwell, Dwayne

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**From:** Rossi, Anthony <anthony.rossi@simplot.com>  
**Sent:** Wednesday, April 10, 2024 9:26 AM  
**To:** Caldwell, Dwayne  
**Cc:** Harner, Bub; Metcalfe, Jacqueline (Fran); RISCH, JIM  
**Subject:** RE: [EXTERNAL] RM 111805 N-28 Release  
**Attachments:** 63545\_F24096\_0276.PDF

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Dwyane,

Attached is the soil sample results with the map below of the sample locations. In addition, we did take water samples using the nitrate test strips and all samples fell into the 0-25 PPM range with the highest/darkest strips being in the North and Lot South Sample Areas. Please advise on your thoughts.



Cheers,

Report Number  
F24096-0276  
Account Number  
63545



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MONROE, IN 46772-9317

Date Received: 4/5/2024  
Date Reported: 4/8/2024

### NITROGEN ANALYSIS

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Sample ID	Lab Number	Nitrate NO <sub>3</sub> -N ppm	Ammonium NH <sub>4</sub> -N ppm
EAST	51020	5	
SOUTH	51021	6	
NORTH	51022	9	
LOTSOUTH	51023	27	

• Refer to Fact Sheet [In-Season Soil Nitrate Testing for Corn](#) for interpretive guidelines.

