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My name is Jason Scharf. Our family has been farming in Polk County since 1884. I am writing this testimony in opposition to Senate Bill 747.

I *think* I understand the concept behind SB 747, but I fail to see how the desired outcome will come to be, or what exactly the effect will be on anything. I have more questions than answers after I've read the bill multiple times. Listed below are my questions and thoughts.

- 1) On line 9, it refers to 'a person that has an ownership interest'
 - Why only ownership? If the ground is rented, do you not report? How would a landlord know what their tenant applies and when? This is not necessarily common practice.
- 2) On line 10 it refers to '200 acres of land that was irrigated and used for agriculture in the previous calendar year'
 - What magical number does 200 acres hold?
 - What does irrigation have to do with it? What is the difference between dryland (non-irrigated) in a high rainfall area and irrigated in a low rainfall area? Or vice versa?
 - Does this mean if I DID NOT irrigate the previous year, I don't report?
 - Many more acres are not irrigated than are, this seems like a small sample of the whole
 - Why only agricultural land? Do city parks, golf courses, home lawns, etc, not apply fertilizer? I would submit that many homeowners do not sit through seminars or consult with agronomists before applying fertilizer, therefore they are potentially overusing products in a negligent way.
- 3) Line 16. How will the Department define over application? Many factors would decide this, none of which seem to be required in the reporting, so how would the Dept. know? Some examples...
 - Rainfall and/or irrigation timing and amounts
 - Timing of the application relative to temperature
 - Slope
 - Drainage of the soil
 - Potential flood zone
 - What resources will the Department use to determine necessary fertilizer usage by each individual crop? What exactly will be "overuse"?

On top of these questions, I can't begin to calculate the costs to implement the bill. The amount of research to answer the questions I asked in point #3 and their relation to each and every reported application will take a monumental research study by someone and won't be cheap.

Also, I really can't figure out why any applications under 200 acres, or on non-agricultural land are not included.

Respectfully,
Jason Scharf