

Preliminary Resources

Very general page about growing radishes from a gardening perspective.

<http://www.diynetwork.com/how-to/outdoors/gardening/fertilizer-for-radishes>

Cornell extension page about radishes- typically plant traits, site characteristics, etc.

<http://www.gardening.cornell.edu/homegardening/scene341b.html#profile>

Kind of a poor quality video, but here is what I was talking about to explain the negative charge of soil. So we could either create an activity for teachers to conduct this. OR we could even make our own video. <https://www.youtube.com/watch?v=s4HoRtqhPOM>

Also, I ordered a high school activity booklet from the Nutrients for Life Foundation, it was a free resource. I should be able to download it soon, and I can send any more information or ideas after reading through it. Also on the page are some videos about phosphate and potash mining- maybe a good thing to teach about where fertilizers come from.

<https://www.nutrientsforlife.org/for-teachers>

Article about Dead Zone in the Gulf.

<https://www.sciencedaily.com/releases/2008/04/080421143836.htm>

Lesson from USGS (aquarium) with adding fertilizers to pond water and observing differences in the aquatic community <http://pubs.usgs.gov/of/1998/of98-805/lessons/chpt6/act2.htm>

*Along with the environmental side of things- I just remember that K-State Extension has a watershed model where you can actually show pollutant runoffs into surface waters- it's pretty cool! I look for videos of this, but I couldn't find any. So if we want to do that, I could probably ask the extension person in charge to film a video of it. I think it would be a great resource for teachers and students!

That's all for now, I will send more things as I come up with them!!