



- ### Response to sulfur fertilizer
- Sulfur accumulation in the subsoil can be significant – profile S test.
 - Need profile sampling (ideally 24 in)
 - Responsive to S typically in soils with sand content > ~35% combined with profile soil test S < 2 ppm
 - Need sulfate fertilizer form for topdressing application time

Soil sampling

- Soil test especially useful during unfavorable prices.
- Use good sampling methods for good quality information.
 - Use the right sampling depth for right recommendations.
 - Good number of subsamples
 - One sample should represent the field variability.

Summary

- Improve N use with proper application, and avoid excessive cut in rates
- Phosphorus, and other immobile nutrients can be provided by the soil – use soil test
- Don't cut P across all conditions or fields
- Identify limiting factors (such as pH or other soil factors)

Thank you!



@SoilFertilityKS



ruizdiaz@ksu.edu