

On The Radar



August 21st, 2020

Status by Crop

- Corn: R4-5 (dough – starting to dent)
- Soybeans: R5 stage (mid-pod filling)
- Potato
 - Early planted: vine-killing has begun
 - Later planted: reaching maturity
- Cabbage:
 - Transplants: harvest
 - Direct seed largest at 20lbs/head
- Carrots
 - Taproots 10" long with 2.5" diameters (dicers)
 - Taproots 13" long with 1.5" diameters (slicers)

Soil Fertility Sampling



Composite v. Point Soil Sampling

As fields are harvested, it is a good time to consider if a soil fertility test is needed for the following year. The method of sampling a field is dependent on the field's characteristics.

Composite

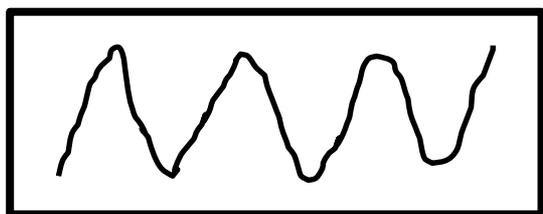
- On fields that are less than 10 acres:
 - Take one or two composite samples (E&W or N&S)
- On fields that are 10 to 30 acres, completely flat, not under a nutrient management plan, and where no VRT will be used in the rotation.

Point (Grid)

- Required for fields under nutrient management plans that are greater than 10 acres.
- On fields over 15 acres and where some degree of variability is apparent.
- Any field over 30 acres
- Any field where VRT is going to be used in the rotation.

Composite v. Point Sampling

Composite

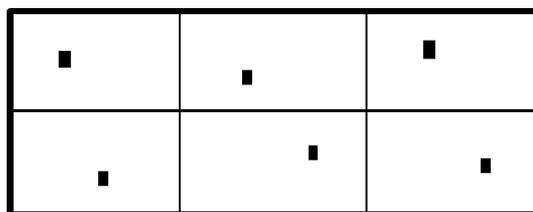


30 cores

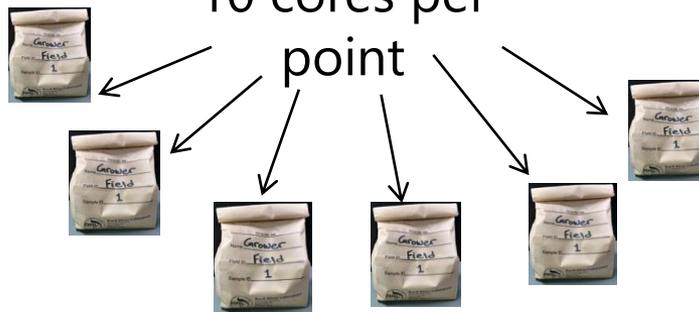
Subsample of well-mixed composite



Point (Grid)



10 cores per
point



Please contact your Agronomy Advisor to schedule fields to be sampled or if you have any questions regarding soil sampling!

Potato Handling During Harvest

- The mantra is “handle potatoes like eggs; not rocks.”
 - Rough handling can cause skinning and bruising. These defects can result in unmarketable potatoes and/or storage issues.

Before harvest:

Finding and flagging areas that often had standing water or still has standing water to avoid harvesting these poor-quality tuber spots.

In season potassium deficiencies can lead to black spot bruising when harvesting, if not handled with care.



Carrots - Bolting



The conditions this year have led to a lot of bolting carrots.

Carrot flowering/seed development normally occurs two years into the lifespan of a carrot, but in stressful weather (typically from cool nights & hot days), they reach that stage prematurely.

Bolting carrots can clog up harvest equipment as well as produce undesirable carrots.

Carrots – Bulking



Example of the furthest along dicer carrots this season so far.

Cabbage – Harvest!



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MAVIC PRO