AGMRI Through the Season & Beyond

Soil

Temperature

















Poor Emergence

Good

Emergence

- · How severe?
- · Should I replant?
- How does this impact my crop plan?





No Weed Escapes





Field Health Good

- · Do I need to push yield?
- Am I going to have enough fertility?
- Should I think about more crop protection?

AGMRI

insights





Spray Weed Areas



- · How severe?
- Send drone to spray?
- · Respray?







Create Weed Rx for Drone







- What is causing this poor performance?
- Should I get tissue or soil samples?
- · Do I need to adjust my plan?



Good Fields









Average

Fields











Yield Loss

- · Due to nitrogen?
- · How much yield loss?
- How much nitrogen is required?





Nutrient Application



Good Fields

- · Fungicide?
- · Market more?

Create Plan





Continue to Monitor



Consult with Agronomist

Average Fields

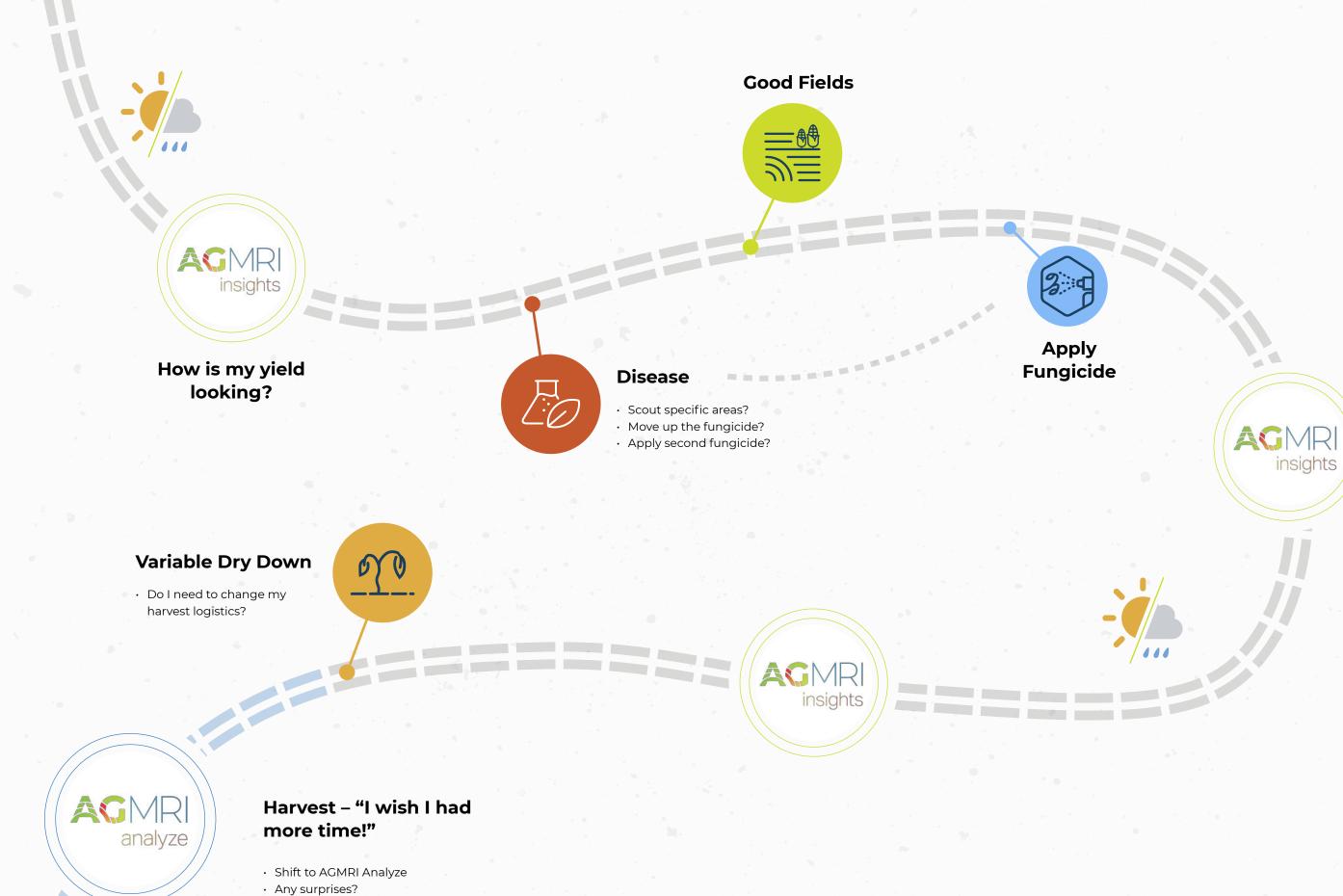
- Anything I can do to improve?
- · What can I learn?





Nutrient Deficiency

- Why is this happening?
- Anything I can do to address?



What limited my yield? How did my seed choices do?

· What can I improve?

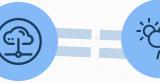














Emergence Impact

- · Do I need to adjust my planting rates?
- · How does my emergence compare to others?
- · Am I getting good yield for emerged plants?
- · Any tillage or residue management changes?
- · Planting date impact on emergence?

Nutrient Availability Impact

- · If good emergence, why lower yields?
- · How big of an impact did fertility have on yield?

Crop Health

- · What time of year had the most impact on my yield?
- Do I need to do anything different next year?

Disease Impact

· What was the impact of disease on the crop?

Variety **Impact**

Hybrid and

- How did planting date impact yield by hybrid?
- How did each hybrid and variety do in different soils?
- · Which hybrids have the best disease resistance?

Weather **Impact**

- · How did weather impact yield?
- How did hybrids and varieties do with similar rainfall and similar soils?
- · What was my disease pressure due to weather?

Soil Impact

· How did soil type, Machine slope, and other factors, impact yield?



- · How well was the seed bed prepared?
- · How well did I get the seed in the ground?



Crop Input Product Performance **Impact**

- · How big of an impact did crop protection products have?
- · Did the biologicals have a positive impact?

















