



# AGXPERIENCE

## When Conditions Change Faster Than The Plan

### **Student Directions**

1. Review your scenario. Your task is to create a realistic, creative, agriculture-based solution to the challenge presented. There is no right answer. Have fun!
2. Build your Solution
  - a. Use experience from tours, conversations with peers/industry.
  - b. Incorporate the keyword and have fun with it. Let's see how many of your peers notice.
3. Ask industry professionals on Tuesday specific questions to strengthen your solution

### **Guiding Questions (use if your group gets stuck):**

1. What do you already know about this situation?
2. What information would make this decision easier?
3. Who needs to be on board for this to work?
4. What tradeoffs are unavoidable?
5. How would we know if this solution is working?



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## Cloudy With a Chance of Cornballs

The Problem: The weather is acting like Cloudy With a Chance of Meatballs – sunny, then mashed-potato rain, and now possibly giant falling cornballs. Your planting window is tiny, and the sky is chaos.

Your Challenge: With forecasts flipping every hour, which fields do you plant first, what do you delay, and how do you stay ahead of whatever the sky serves next? (use your favorite crops for this)

Your Proposed Solution:

(Use the space below to outline your approach)

Innovation Challenge:

What's a creative, unexpected, or unconventional way to move this situation forward? Is there any precision agriculture equipment that can help with this problem?



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## Jessica Won't Stop Switching Crops

The Problem: Jessica planted pumpkins “for the fall pics,” Kyle suddenly decided he’s a blueberry guy now, and Aiden is testing lavender because it “fits his personal brand.” All of you share the same watershed, but every specialty crop has different timing, inputs, and ripple effects.

Your Challenge: With three neighbors on completely different crop schedules, how do you juggle competing needs while still responding to what your own field decides to do today?

Your Proposed Solution:

(Use the space below to outline your approach)

Innovation Challenge:

What’s a creative, unexpected, or unconventional way to move this situation forward? Is there any precision agriculture equipment that can help with this problem?



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## Data Stealing Gremlin

The Problem: A gremlin got into your farm systems and walked off with copies of your field data, yield maps, input records, and operational history.

Your Challenge: Without becoming a cybersecurity expert, how do you decide what work can continue, what needs to pause and who needs to know?

Your Proposed Solution:

(Use the space below to outline your approach)

Innovation Challenge:

What's a creative, unexpected, or unconventional way to move this situation forward? Is there any precision agriculture equipment that can help with this problem?



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## The “Limited Edition” Equipment Era

The Problem: Your operation scored one shiny, limited-edition high-tech tool, whatever fancy gadget you want it to be, but you’re running with a labor crew so small it could fit in a group chat. Adding this new tech might make life easier... or give the team one more thing to babysit.

Your Challenge: With labor already stretched thinner than hay in November, where does the high-tech upgrade actually help and where is the simpler, low-maintenance equipment the smarter move?

Your Proposed Solution:

(Use the space below to outline your approach)

Innovation Challenge:

What’s a creative, unexpected, or unconventional way to move this situation forward? Is there any precision agriculture equipment that can help with this problem?



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## Weather Roulette

The Problem: Thanks to climate chaos, the forecast now spins like a Vegas slot machine – heatwave, tornado confetti, monsoon, drought, and “surprise hail the size of artisanal grapes,” all in the same week. “Average weather” has left the chat, and one wrong move could tank the whole season.

Your Challenge: When the only consistent pattern is inconsistency, how do you plan? What systems help you adapt when every day feels like another spin of the climate roulette wheel?

Your Proposed Solution:  
(Use the space below to outline your approach)

Innovation Challenge:

What's a creative, unexpected, or unconventional way to move this situation forward? Is there any precision agriculture equipment that can help with this problem?



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## One Farm, Many Opinions

The Problem: Your operation has three generations weighing in: one wants everything done the way it's been done since forever, one watches YouTube tutorials and says "we should try this," and one keeps suggesting AI tools they saw on TikTok. Everyone agrees improvement is needed, but not the method, the timeline, or the group chat etiquette.

Your Challenge: How do you roll out new tools or systems in a way that keeps the peace, builds trust, and moves the farm forward without starting a full-blown family debate tournament?

Your Proposed Solution:

(Use the space below to outline your approach)

Innovation Challenge:

What's a creative, unexpected, or unconventional way to move this situation forward? Is there any precision agriculture equipment that can help with this problem?