

A photograph of three men standing in a field, looking at a drone. The man on the left wears a plaid shirt and a baseball cap. The man in the middle wears a green long-sleeved shirt and a baseball cap. The man on the right wears a dark blue long-sleeved shirt with a logo on the back and a baseball cap. A drone is visible on the ground to the right. The background shows bare trees and a cloudy sky.

Advanced Spray Drone & Precision Ag Technology

A large white drone with four rotors is shown in flight, spraying a fine mist of liquid onto a field below. The scene is set during sunset or sunrise, with a warm, golden light illuminating the landscape. In the background, there are rolling hills, a body of water, and distant mountains. The foreground shows a lush green field with some trees.

Empowering Rural America

Innovating Agriculture with
Spray Drone Technology



Who We Are

Dedicated team of agriculturally minded individuals and season aviation professionals, focused on providing cutting-edge agronomic technology solutions, nationwide.



What we do

Sales

In-depth sales support, connecting farmers with the best solutions



Service

Largest online parts store, overnight shipping, industry-leading techs



Support

Thorough training and knowledge sharing, ensuring customer success in the field



Taylor Moreland

- Grew up on a farm in Western Missouri
- Flying drones since 2014
- Lives in Butler, MO
- Also runs Frog Mobility with goal of helping children find mobility



Trey Stephens

- University of Missouri AST Program 2022
- Ag Retail/Custom Application work in central Missouri out of college
- Started with ASD in fall of 2023
- Avid outdoorsman and agriculturalist



Innovating Agriculture with Spray Drone Technology

**Where and how can we
implement the use of spray
drones?**



A white quadcopter drone is shown in flight, positioned centrally in the upper half of the frame. It is emitting two thick, white plumes of mist or spray that fan out downwards and outwards. The background is a dense, dark green forest covering a hillside. The entire image has a semi-transparent green overlay. The text 'Why use a spray drone?' is written in a large, bold, white sans-serif font across the middle of the image.

Why use a spray drone?

Unending Opportunities



- Row Crop
- Specialty Crop/Vegetables
- Brush and Rangeland Management
- Livestock
- Citrus and Fruit Tree Application
- Forestry



ROW CROP APPLICATIONS

LOW VOLUME APPLICATION

- 0.5 – 3 Gallons Per Acre (GPA)
- Ability to go up to 20 GPA
- Not meant to replace a ground

SIMILAR TO CROP DUSTERS

- Fungicide/Insecticide – 2 GPA
- Wet-field burn down
- Cover crop overseeding

MORE VERSATILE

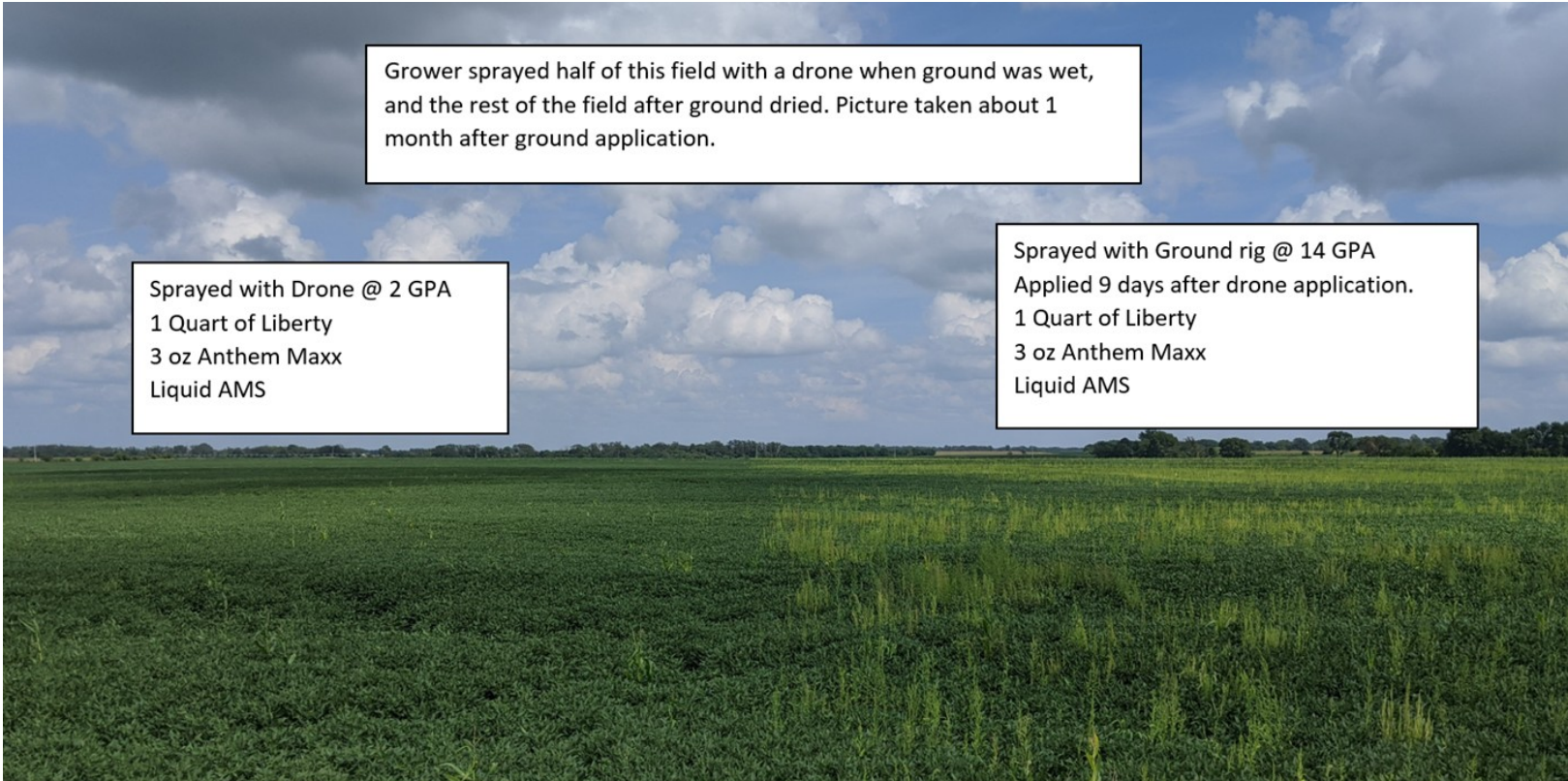
- Spot application
- Small field application
- High-degree of topographic ch



Fungicide Application



Herbicide Application



Grower sprayed half of this field with a drone when ground was wet, and the rest of the field after ground dried. Picture taken about 1 month after ground application.

Sprayed with Drone @ 2 GPA
1 Quart of Liberty
3 oz Anthem Maxx
Liquid AMS

Sprayed with Ground rig @ 14 GPA
Applied 9 days after drone application.
1 Quart of Liberty
3 oz Anthem Maxx
Liquid AMS



Pasture & Forage Production



Minimizing machinery wear on pasture applications

- Flying over ditches, saplings, fence posts, rocks
- Herbicide applications
 - Group 4
 - Brush control
- Granular spreading
 - Overseeding clover
 - Pasture fertilizer applications



Spreading Capabilities

- Cover Crops
- Spot Spreading of Fertilizer
- Broadcasting Dry Herbicide Operations



Ease of Use

Simplicity.

Complexity.





Why a drone over other aerial application

Drones compared to
Helicopters and Planes



<https://www.youtube.com/watch?v=m0k92StO2JA>



EAVision J150

- 20 gal liquid/180 lb dry capacity
- 45 ft/s
- Up to 45 ft swath (30 mph)
- Micron sizing 10-300+



EAVision // J100

11.25 GAL

11.25-Gallon
Spray Tank

45.27 ft/s

45.27 ft/s
Max Speed

4 in 1

Spraying,
Spreading, Lifting,
Surveying

REPAIR

Ability to
Fix Batteries



Modular Battery Design
Offers Cooler Operating and
Charging Temperatures



Not Just a Drone Company



- Autosteer Solutions
- Truck Bed Inserts and Trailers
- Software Solutions
- Chemical
- Roof Cooling Coating



Questions?

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