

# innovation

AgXpo features new tools and  
technology to **protect your next**



# What's next in ag tech?

## Nationwide vendor spotlight series

The AgXpo brings together Nationwide's **ag technology partners** and **others** in risk mitigation to showcase practical innovation for Nationwide's farm, ranch and agribusiness customers. Futureproof your ag business and stay on the leading edge to maintain a safe, successful operation.



▶ Introduction

# New tech to evolve your ag business



Control fire in a range  
of mobile environments



Mitigate fire risk and monitor  
machinery temperatures



Ensure the right conditions  
inside livestock buildings



Provide active and passive  
fire suppression



Keep grain from crusting  
without entering the bin



Monitor hay bale temperature  
for quality and safety



Reduce fire risk in and around  
ag buildings and structures



Keep an eye on all your  
equipment all at once



Steer clear of electrical  
hazards on the farm



Know where your machinery  
is and recover it if stolen

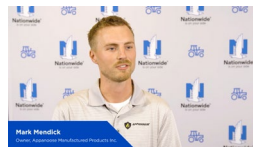




**APPANOOSE**

Manufactured Products

Appanoose Manufactured Products offers mobile fire suppression systems in a range of sizes and configurations for different vehicles on a farm, ranch or agribusiness. Each system uses ultra high-pressure (UHP) technology to facilitate efficient, quick suppression by means of water and foam and is available with a few standard features and range of optional accessories to match it specifically to its designated use and location.



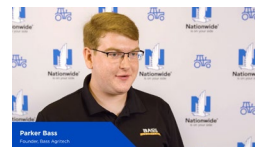
Watch the video





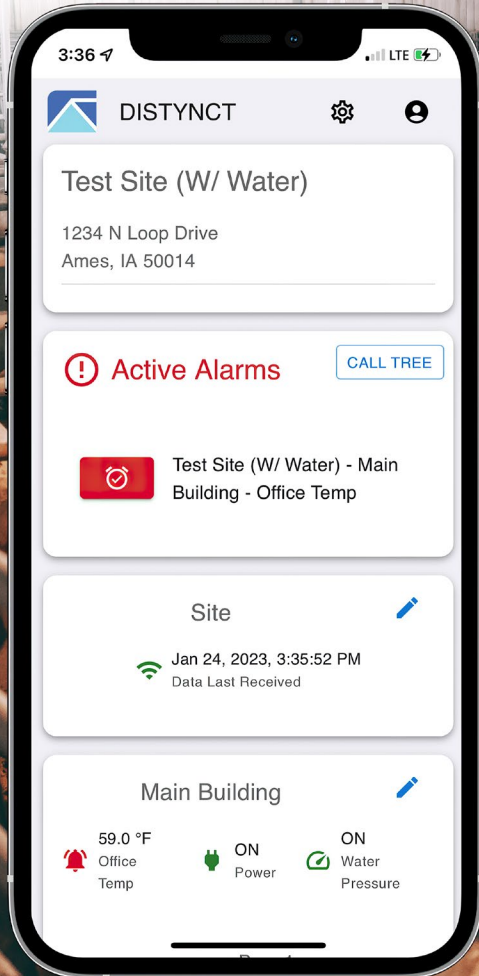
# BASS

Bass Agritech, Inc. temperature sensors provide realtime readings on and around equipment components that are prone to overheating, failure and fire risk. The wireless sensors charge quickly and can be customized to alert an operator when specific temperature thresholds are reached between 0 and 200 F. Sensor data – temperature, battery life, signal strength and more – is displayed on a mobile device, and multiple sensors can be connected and synced to a single device.



[Watch the video](#)





Environmental conditions inside a livestock building are fundamental to the performance of the animals it houses. The Distynct platform of sensors, data collection and insight development enable livestock producers and managers to monitor key environmental conditions like temperature and the components responsible for maintaining them, facilitating quick action in the event of an equipment malfunction. Alerts can be customized with adaptive sensors that generate data for integration into insights to ensure optimal conditions 24/7.



[Watch the video](#)



**Fire Suppression**  
Anytime - Anywhere - Automatically

## ELIDE FIRE USA®

Elide Fire Extinguishing Balls are self-activating **fire mitigation tools**. When touched by flame, the ball ignites and disperses a dry chemical to extinguish the fire. The Fire Ball can be used for active or passive fire mitigation and prevention. Actively, the user can throw the ball toward flames, engaging the release of fire suppression material. For passive fire mitigation, each Elide Fire Extinguishing Ball includes a mounting bracket and can be mounted anywhere from the wall of a building to the engine compartment of a piece of machinery for 24/7 protection.



 [Watch the video](#)





Around 24 inches long and 1 ½ feet wide, the Grain Weevil employs two augers or “screws” to propel it along the surface of stored grain. In the process, the drive system disrupts the grain’s surface, breaking up any crust that’s formed over time from the presence of moisture or quality degradation. The result is a “controlled avalanche” that employs gravity to enable the grain’s surface to flow and even out naturally. The Grain Weevil also can be programmed to level out peaks in stored grain to ensure even distribution inside a bin.



Watch the video





HAYTECH is a collection of hay temperature probes and digital cloud-based platform that facilitate real-time hay bale temperature monitoring and enhanced awareness on hay condition and quality. Each HAYTECH system comprises footlong hay probes that monitor and record temperatures inside bales. Each probe is connected wirelessly to a cloud-based server where temperature data is logged on a desktop or mobile interface. Probes are sold in quantities of 100 and alert an operator when an abnormal situation is detected, hence facilitating quick action and preventing hay fire.



 [Watch the video](#)



Electrical fires pose major risk to farms, ranches and agribusinesses alike. PrevTech helps mitigate that risk with a collection of simple-to-install surveillance sensors that monitor electrical network components for any electrical or thermal temperature anomalies that normally precede a fire. Temperature data is conveyed to and displayed on a mobile device via SMS and email, facilitating quick action by both the operator and his or her electrician who can make necessary repairs before major damage or loss is incurred.



[▶ Watch the video](#)



# RAZOR TRACKING

Fleet telematics is a system of sensors that monitor vehicle operation and performance and shares that data via a digital platform. Telematics provides real-time location data and facilitates informed decisions for trucks and machinery on what's next in the field or on the road. Razor Tracking offers telematics and fleet management solutions that track things like location, operator performance and vehicle diagnostics, then displays it in an easy-to-use platform and generates vehicle history reports and driver safety scores.



 Watch the video



Moving machinery and equipment like sprayers, combines and grain augers around a farmstead or on a roadway in the presence of power lines can be a recipe for disaster. Electrocution is the cause of death for 3.6% of those under 20 years of age in the U.S. ShockAvoid helps mitigate this risk. It's a collection of sensors, alarms and wearables that enables farmers and equipment operators to know when they're nearing electrical infrastructure so they can avoid it and prevent electrocution.



[Watch the video](#)





Zubie's Asset Trak is a system of simple, rugged and long-lasting sensors that enable location tracking via a mobile app or desktop dashboard. When discretely attached to equipment, the platform offers tracking and usage monitoring. The system enables law enforcement to take quick action in locating stolen equipment. The asset tracking platform offers farmers benefits in both the short and long term. And with today's technology, it's easier than ever to create value and ROI from proactive asset tracking.



Watch the video



| Protect your next

# Protect your next

Every time agriculture leaps forward, so do we.  
Protecting your next is all about planning ahead.  
As we continue to stay ahead of the curve, find out  
how we can work together to **protect your next**.





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