



DRONES IN AGRICULTURE: Increasing Farm & Ranch Efficiency



The use of unmanned aerial vehicles (UAVs) or drones in agriculture continues to rise. This workshop will showcase a variety of uses of UAVs on cropland and rangeland, costs, FAA regulations, and current research. Drones can be used for a variety of applications including mapping, monitoring, surveying, spraying, irrigation management, and livestock monitoring. Presenters will demonstrate how UAVs can be used in integrated pest management for monitoring, surveillance, detection, and treatment of pests. Field demonstrations will showcase several different types of drones, including a spray drone.

GUEST SPEAKERS

DOUG WEIST

Doug is the founder of FarmTech, which utilizes UAVs and remote sensing data for cropland monitoring, yield data, field zone creation, nutrient recommendations, soil inventory, and more. Doug grew up on a wheat and cattle farm in Choteau, MT that he and his family continue to operate today and utilize many aspects of precision agriculture.

SCOTT POWELL

Scott is an Assistant Professor in the Land Resources and Environmental Sciences Department at Montana State University. His work focuses on remote sensing, UAVs and precision agriculture for landscape and ecosystem ecology, land use, soil acidification mapping, and invasive species monitoring.

NIGEL DAVIS

Nigel is founder of West River Land Management, based out of Helena. His company specializes in noxious weed and non-native weed treatment on rangeland, rivers, and irrigation canals, GPS plotting, and drone application. Drone application has allowed his company to provide specific targeted applications on tough terrain.

2 WORKSHOP LOCATIONS!

The same workshop is being offered in two locations. There is no cost to attend. Lunch will be provided, so **please RSVP by May 23rd**. In addition, private applicator credits will be offered.

PARK COUNTY

Tuesday, May 28th, 2019
9:00 am - 2:00 pm
Park County Fairgrounds
46 View Vista Drive
Livingston, MT
RSVP to 406.222.4156 or park@montana.edu

BROADWATER COUNTY

Wednesday, May 29th, 2019
9:00 am - 2:00 pm
Broadwater County Fairgrounds
189 US Hwy 12 East
Townsend, MT
RSVP to 406.266.9242 or broadwater@montana.edu.

If you need any special accommodations or have questions about the physical access, please contact the MSU Extension Office in Broadwater County at 406.266.9242 in advance of your participation or visit. *Montana State University Extension is an ADA/EO/AA/Veteran's Preference Employer and Provider of educational outreach.*