## **Crop Scouting Drone**

**VRT**: Once again, VRT has been a huge hit as we have covered over 20,000+ acres between fall of '16 to spring of '17 alone. As we continue to build up soils, the ROI is becoming very clear to many growers. The addition of our new <u>automated soil probe</u> is allowing quick turnaround time for maximum yield recommendations to the farmer.

**Crop Scouting:** The '17 season brought new and much anticipated technologies to the Coop. Brian received his sUAS (small unmanned aerial system) license which allows commercial use of a drone. The addition of our new Matrice 100 aircraft will allow us to have access to aerial imagery such as NDVI, plant population counts, 2D/3D maps, plant height and canopy coverage plus much more! This is a very exciting step for the Field Advantage department as this will provide another tool in the toolbox to provide the next level of high performance recommendations! Contact the Ottawa Coop today or stop by and talk to Field Advantage specialists for optimal yields!

# MATRICE 100





The Ottawa Coop invested in AgMark LLC becoming the 6th Coop Owner in Spring of 2017. AgMark LLC controls and owns the grain and handles all the grain marketing, logistics, and accounting services. The Ottawa Coop continues to own and control all locations. The same familiar faces remain stationed in the same place and able to take care



<u>Matthew Vajnar</u> (Grain Merchandiser) 785.534.1427 <u>Sandi Suther</u> (Grain Accountant) 785-534-1428



302 N. Main, PO Box 680 Ottawa, KS 66067 1-888-242-5170 www.ottawacoop.com



# COOPERATIVE PRINCIPLES

- 1. Voluntary & Open Membership
- 2. Democratic Member Control
- 3. Member Economic Participation
- 4. Autonomy & Independence
- 5. Education & Training
- 6. Cooperation Among Cooperatives
- 7. Concern for community



### **Variable Rate Technology**

VRT Fertilizer: Utilizing your grid soil results we can apply fertilizer where it's needed and where it's not across the field. Fertilizer needs can be tailored to whatever the growers' needs are, anything from yield goals, soil types, minimum and maximums for fertilizer, and even overlaying harvest yield maps.

VRT Seeding: Utilizing multiple years of yield maps, soil types, and fertility programs we can generate a custom seed prescription for you. Prescriptions are put into an easy to use format that can plug directly into your planter.

VRT Nitrogen: By overlaying multiple layers of data (yield, soils, fertility, past NDVI imagery) we can create prescriptions to lay down nitrogen across the field that gives your crops the best chance for ROI.

# **CO-OPportunties**

#### <u>Patronage</u>

Members have the opportunity to participate in the Coop's earnings every year!

Patronage is distributed annually, based on how well the Coop does financially and how much business you transacted with the Co-op during that year.

#### **Crop Scouting**

We work hand in hand with the growers to help provide the best information and recommendations to achieve their yield goals. Service include:

- Weekly Field Checks- Growth Stage, Weed/Insect/ Disease ID, Population Counts, Yield Estimates, Recommendations and more!
- Composite Soil Sampling
- Tissue Sampling
- Detailed Scouting Reports Every Week

#### **VRT**

Variable Rate Application allows you to place the products only where needed to maximize crop productivity. Our experts help you utilize yield data and make it useful in fertility seed, and production, allowing for maximum profitability.

#### Pre-pay

This is a great way to save on products and make a plan for the next year! Come visit us in December & January to plan for the 2018 growing season!

#### Input Finance

Don't want to write a check upfront for prepay? Our financing program offers attractive rate options. Allowing you to save on products but not pay until after harvest when you get paid for your crop!

# What's new at the Co-op?

The Ottawa Co-op added a bunker at Burlingame South and Leloup. These additions increased the Co-op's storage capacity by over 1 million bushels. This has enabled the Co-op to service more loads of grain. It has been a year of learning and we believe these bunkers will continue to improve harvest year after year. As the cooperative continues to grow we strive to make improvements that will make life easier for our customers.

We have renovated our NH3 tanks at Burlingame South making it safer and allowing for faster fill ups than before. Year after year we do our best to make improvements to our facilities. We hope you will see value in all the recent changes.





Bunkers built at
Burlingame South & Leloup