

President—Dennis

Spoke Newsletter

Wednesday October 02, 2019

Attendance: 20 (43%)

Lincoln East Rotary Club Speaker

Donna Gonzales, Bill Achord & Carol Schmidt—What is the CBD Craze All About?

Wednesday, October 9, 2019

Arranged by Wayne Casper



Donna Gonzales Bill Achord

Donna is an independent contractor with a company called Integrity Merchant Solutions, helping merchants save money with their credit card processing. Donna has also been in the health and wellness industry for over 20 years and has a passion to share health ideas with others. She most recently became a Founding Partner with a new company called Emris International focusing on health and wellness products.



Carol Schmidt

Bill is the Founder and President of the Nebraska Hemp Association formed in 2014. He was raised on a small dry-land farm in Franklin County. He grew up close to the land and the animals that shared it with him. Bill has a passion for saving the family farm in Nebraska, and helping small towns recover vibrant, stable economies. He strongly believes that hemp can help revitalize rural Nebraska economies and keep the endangered family farm alive and well. The Nebraska Hemp Association along with others have worked with legislators to get a hemp law in Nebraska to aide farmers and processors in being successful. Bill and others are currently encouraging the Nebraska Department of Agriculture to develop rules and regulations that are sensible and appropriate.

Carol's interest in health began about 25 years ago when a pain could not be diagnosed. An herbalist, who happened to be a friend, had the natural answer—in 24 hours no pain. Recently, she became a Founding Partner with Emris International, a new health and wellness company. Carol is looking forward to sharing new information so others may LIVE WELLNESS!

What is the CBD Craze All About?

- ◆ Interesting Facts about Hemp/Industrial Uses
- ◆ Legislative Actions Recently on Farming Hemp
- ◆ Hemp Vs. Marijuana
- ◆ CBD Derived From Hemp
- ◆ Why is CBD Popping Up Everywhere
- ◆ Endocannabinoid System

Lincoln East Rotary Club
Meetings at Valentino's—70th & Van Dorn
Noon Luncheon starting @ 11:45 a.m.

October 2, 2019

Lincoln East Rotary Club Speaker
Boone McAfee, Director of Research, Nebraska Corn Board, Ag Technology
Wednesday, October 2, 2019
Arranged by Wayne Casper



Boone McAfee is the director of research & stewardship for the Nebraska Corn Board headquartered in Lincoln, NE. He manages the board's projects and programs in the areas of research, stewardship, and sustainability, along with providing analysis of market intelligence. He holds a bachelor's degree in agricultural economics from the University of Nebraska – Lincoln. He was raised on a diversified family farm near Leigh, NE, where he is still active in raising cattle, along with corn and soybean production. Boone will present on ag technology – tools currently used by farmers, future applications, and how technology is improving agricultural sustainability for producers and consumers alike

OVERVIEW OF PRECISION AGRICULTURE

As inputs become more costly, site-specific crop management (precision agriculture) is slowly becoming more widely adopted. Used properly, precision ag can contribute to reduced waste, increased profits, and protection of the environment. Precision agriculture is not a single technology, but rather a set of many components from which growers can select to form a system that meets their unique needs and operation size. Precision ag includes many technologies, but that they don't always fit every operation. He cautions growers to have a well-defined purpose and to thoroughly investigate and evaluate the options prior to implementation.

Yield Monitoring

Collecting yield data is the first step in precision ag. Yield monitoring is the process of measuring yields for a given location and integrating it with GPS-obtained information. Yield monitors can provide and document the amount of yield variability at a smaller scale and can lead the way to manage the needs of each individual crop.

Available software packages can read yield data and create a yield map.

- Provide detailed statistical information regarding the collected data
- Use several years of collected data to categorize it and create different management zones
- Overlay the yield variability maps on aerial images of the field to provide an enhanced visualization of the data
- Create profitability maps that show where field profit was maximum or minimum, or which areas lost money
- Create application maps based on different management zones for different crop inputs
- ♦ Extract machinery-management information such as field efficiency, machine operator performance, total downtime, and actual harvest time

Remote Sensing

Remote sensing refers to the multi-band images that are taken from an airplane, helicopter, or satellites. These images contain spectral reflectance data from the plant canopy and soil. Analyzing these images can provide cost effective and timely information about plant health and soil conditions. For example, it can help in spotting drainage problems in the field or detecting moisture stress. Large growers can use this technology for analyzing plants, and eventually use the information for forecasting crop quality and yield.

Variable Rate Technology

Variable rate technology (VRT) of inputs is another key component of precision ag, providing economic benefits to growers in the form of reduced use of fertilizer, agrochemicals, and irrigation water, while having a positive environmental impact. A system can be as simple as a variable rate fertilizer spreader with a couple of canopy sensors that can apply the fertilizer based on the plants



***A Rotary Thank You to Boone McAfee for an
Excellent presentation on Precision Agriculture***



Anniversaries & Birthdays

Weeks of September 19-25

Birthdays:

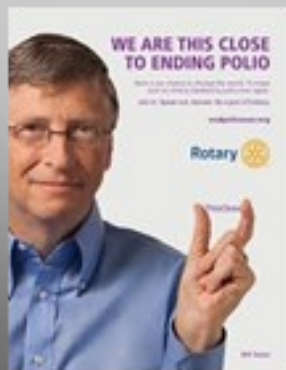
Wayne Casper—October 1, 2019

Anniversaries

NONE



Happy Dollars



*Sue Schuerman
Steve Grosserode
Dean Douglas
Duane Tappe*

*Total \$102.00
Happy Dollars—Total to Date: \$805.00*

*Wayne Casper
Tom Mortimer
Darrel Huenergardt*



Guests & Visitors

Benita Hadwick Steve Grosserode
Boone McAfee Speaker



Lincoln East President, Dennis Duckworth, made a presentation at Club 14 about the projects and activities of Lincoln East Rotary Club.

Also in photo from the left:

Mailani Veney, Club 14 President, Chan Tyrell, South President & Kathy Collingsworth, Giving Spirits President

Greeter Duty: October 9—Gene Roth Cashier Duty: October—Duane Tappe

Lincoln East Rotary Club—October Speaker Schedule

October 16—Don Sheets, Exciting Renovations at Bryan Medical Center arranged by Dean Douglas

October 23—Joe Dux, Farm Bureau, Agriculture Trade & Tariffs, arranged by Wayne Casper

October 30—"Special Event" Sue Schuerman

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Published by Wayne Casper*