Minutes of South Dakota Oilseeds Council

Board of Directors Meeting

SDSU Regional Extension Center

412 West Missouri Ave. Pierre, South Dakota

January 15, 2020

11:00am **Meeting Called to order by Chairman Todd**

**Quorum was declared**

Chuck Todd Present Lance Hourigan Present

Kei Oberlander Present Shannon DuPoy Present

Lawrence Woodward Absent Tim Zabel Absent

Tom Young, Executive Director Present Austin Young, Assistant Present

**Conflict of Interest** - none was presented

**Agenda approval** -No Additional agenda items were added.

**Motion for approval of Agenda by Hourigan / Oberlander – Passed**

**Minutes** the Minutes of the April 5, 2019 were read by Austin Young, Administrative Asst.

**Motion for approval by Hourigan / Oberlander – Passed**

**11:20 am Public Testimony** None was given

Financials Review was completed

**Motion to authorize the Oilseeds Executive Director to enter into contract with the SD Public Utilities Commission, PUC, to conduct 10 audits of grain buyers for Oilseed Checkoff Collection & Remittance.**

**Hourigan / Oberlander. Passed**

**Motion to extend the contract with Tom Young to serve as executive director of the SD Oilseeds Council. DuPoy / Hourigan. Passed**

**Budget for FY2020**

**Motion to adjust FY20 Budget by Funding of Palmar Amaranth Education Sponsorship of $200 to be completed by Ruth Beck, SDSU Extension … increase Sponsorships to $2000 in the budget. Increase Funding of Supplies to $500. New Funding of PUC Audits $1,000**

**Hourigan / Oberlander 2nd Passed**

**Motion to request the increase of the Board Member per Diem from $60 to $75 per day. Horrigan / DuPoy. Passed**

12:20pm Lunch break

1:10pm

**Ag Horizons Conference Report**

There are 8 Membership Groups sponsoring the conference. The NRCS had their state meeting at the Conference with 180 members in attendance. Local grower attendance was down.

**National Sunflower Association reports**

Director Hourigan, is currently 1st Vice President of the NSA. They have a NSA’s trip to Washington DC.

Director Todd reviewed the Research Proposals received by the NSA

**Motion to Fund $10,000 to join the National Sunflower Association in funding of the research project of Red Seed Weevil resistance to Pyrethroid Insecticides by Adam Varenhorst, SDSU.**

**Oberlander / Hourigan. Passed**

**2:30** **SDSU Research Reports**

Researchers joined the meeting via the Distance Digital Network (DDN) to explain their research and answer questions from the Board.

**Febina Mathew, SDSU Agronomy,** Horticulture and Plant Science Department

Screening cultivated sunflowers accessions for resistance to Phomopsis helianthin. This collaborative effort screened sunflower hybrids for the Phomopsis stem canker to be used in breeding and development of hybrids resistant to the P. helianthin and P. gulyae. 213 lines were planted north of Brookings. Disease resistance may be conditioned by many genes making it difficult to create hybrids with resistance.

This was a one-year project with a funding amount of $24,967.

Additional information was shared on Treatments of Fungicides applied at the R1 stage. These applications increased yields and reduced Phomopsis stem canker infection especially if it contained Qoi (Headline family).

**Thandiwe Nleya,** **SDSU** **Agronomy,** Horticulture and Plant Science Department

Stephanie Bruggeman, formally with SDSU Agronomy, Horticulture and Plant Science Department

Evaluation of Canola varieties for yield performance at two locations in wheat-based cropping systems in diverse agro-ecological zones in the fields of SD.

Yields from the Brookings location site reached 2050 lbs. per acre with an average of 1650 lbs.

Yields from the Pierre location site which was hit by hail reached 1505 lbs./ac with average of 1350 lbs.

Carinata varieties were in both locations also but yielded lower than Canola.

Performance in saline/ sodic soils under greenhouse conditions have been planted this winter.

This would be *the 1st of a 3-year* project with a funding request of $14,663 per year.

**ZhengRong “Jimmy” Gu, Ph.D. and Matthew Cole**

Evaluation of anti-microbial bioactivity of glucosinolates extracted from canola seed meal and establish an economic model of its benefits as a fresh-food preserver.

GLS extraction rate currently at 19%. Aqueous Extraction of GLS improves the Protein value of the meal used for feed.

Looking at a dry form or a reduced liquid form for application to produce (fruit). Additionally, the release of the GLS needs to be slowed down or sustained over several days rather than over a couple of hours. Microcapsules were used as another delivery methods. Practical form of GLS onto Activated Carbon, tests are just starting.

This was a one-year project with a funding request of $26,235.

**Adam Varenhorst, Field Entomologist SDSU**

Evaluation of Red Seed Weevil resistance to Pyrethroid Insecticides at different locations in the sunflower growing region. Mortality of the weevils was not 100% with the use the Warrior II at Gettysburg. While the Cobalt Advanced double rate at Onida did not work well. Different treatments at Dakota Lakes resulted in different results. The new Sturgis Research Farm showed 100 percent mortality rate. Concerns going forward is Coverage difficulties, Very large RSSW populations, routine treatment of RSSW and Timing of glass vial assay.

This proposal was approved by the NSA for funding in conjunction with the SD Oilseeds Board. This will be additional years project to be funded at $10,000 by the Oilseeds Council.

**Executive Session** – None was held

Next Meeting to be held 11:00 am Thursday, March 12, 2020

**Motion to Adjourn** 1st Horrigan 2nd Oberlander, Passed at 5:15 pm

Submitted by: Tom Young, Executive Director