

Minutes of SD Oilseeds Council Meeting

March 23 & 24, 2022

SDSU Regional Extension Center

412 West Missouri Ave. Pierre, South Dakota

Wednesday, March 23, 2022

1:00 PM Call to order - Quorum Declared by Chairman Todd

Chuck Todd, Chairman	Present	Lance Hourigan	Present
Kei Oberlander	Present	Shannon DuPoy	Present
Ryan Olson	Present		

Visitors: Tom Young, Executive Director Austin Young, Admin Assistant
SDSU Dr. Bill Gibbons, Director, SD AG Experiment Station

- **Conflict of interest** announcements – None made
- **Approval of the Amended Agenda** – adding discussion of sunflower production and National Sunflower Association reports - **Motion by DuPoy / Oberlander - Passed**

Requests for SDSU Research funding for FY2023 with the following presenters:

Febina Mathew: Greenhouse assessment of sensitivity of fungi causing Phomopsis stem canker of sunflower to select fungicides.

Reviewed on 3-24-2022 & Motion by Hourigan / Olson approved for funding at: \$28,180

Ali Nafchi: Laser Technology Aided Sunflower Birds Damage Management. Design, develop and conduct field tests of the laser scarecrow in sunflowers.

Reviewed on 3-24-2022 & Motion by Hourigan / Olson approved for funding at: \$34,950 for 1 yr.

Comment: 3yr request\ funding to be reapproved each year.

Matt Cole & Jimmy Gu: Deployment of a Glucosinolate Biofumigant for Mitigating White Mold and Pests.

Reviewed on 3-24-2022 & Motion by Hourigan / Olson approved for funding at: \$40,435

Comment: Unused funds for FY2022 are requested to be refunded.

Thandi Nleya: Canola a "New Crop" to Diversify Wheat-Based Cropping Systems in South Dakota.

Reviewed on 3-24-2022 Not approved. Comments: Low canola crop acres planted in SD and private companies doing research & demonstrations in Northern SD. Unused funds for FY2022 are requested to be refunded.

Thandi Nleya: Impact of N Fertilizer Placement Method and Rate on Sunflower Growth, Yield, Seed Oil Content and N Use Efficiency.

Reviewed on 3-24-2022 & Motion by Hourigan / Olson approved for funding at: \$30,285

Comments: These three requests are optional however are highly recommended additions to the study.

- 1) Soil tests should include a review of all nutrients including Sulfur and Boron and a 2-foot test on one.
- 2) Post-Harvest -we would like to see soil test taken from the plots to show all nutrients used.

- 3) Would like to see a test of side dressed N in crop, later in season, even if at only one site. Addition funding would be considered to help cover costs of this application.

Bishnu Karki Co-production of Edible Mushrooms & Dietary Feed Ingredients from Oilseed Press-Cake sand Meals and Biowaste Reduction.

Reviewed on 3-24-2022 & Motion by Hourigan / Olson approved for funding with a restriction and at a reduced amount of: \$22,000. The release of the funds would come upon the major change in the Research Proposal with the substitution or use of Sunflower Meal as the primary component in testing rather than Canola Meal (CM) as the primary substrate to co-produce edible mushrooms.

Comments: The reduction to ½ of the request comes as we feel this is a viable proposal however would like to see other sources of funding for the study i.e., sunflower crush plants or the mushroom industries. This involvement would show a recognition of a need to make a change in their process.

4:55 PM Public Testimony - time for public comment. No Comments were offered.

New Business - Action Items to be approved:

- 1) Review of the Seed Weevil resistance Approval of NSA Joint Research - Seed Weevils
 - a) **Motion - Funding of \$25,000 in joint project with National Sunflower Association for Adam Varenhorst, SDSU, for Seed Weevil resistance to Chemical Control - Motion by Hourigan /Olson approved**
 - b) County Survey of Seed Weevil Populations – discussion is being held with personnel from SDSU Extension Service, NDSU, and ARS Fargo on the Resistance of Seed Weevils to current controls. This has become a great concern of the growers. Possible funding request to conduct survey in the 2022 growing season.
- 2) Approval of Service Contracts
 - (a) **Motion to approve a contract to audit the first purchasers of oilseeds as proposed by PUC for FY23 by Oberlander and Olson - Passed**
 - (b) Audit of Oilseeds Finances. Price of audits and the different types of audits will be explored
 - (c) **Tom Young Management Contract for FY23 & FY24 years at \$20,000 per year.**
 1. **Motion to enter into contract by Hourigan / Oberlander - Passed.**

6:30 PM Recess for Supper **Hourigan / Oberlander - approved**

7:30 Call to order

Discussion on the future of sunflower production with the concerns of production in a drought year.

8:00 **Motion to Recessed till 8:15 am Thursday March 24 - Oberlander / Hourigan - Passed**

Thursday, March 24, 2022

8:15 AM **Call to order** - Quorum Declared- all Council Members in attendance.
Reading of and Motion for Approval of the Minutes of December 14, 2021 Council Meeting. Hourigan / Olson - Passed

Financials - Young gave a review of the Financials of FY22 through February.

Continuation of the SDSU Requests for Research funding for FY2023

Prafulla Salunke Use of sunflower, canola, safflower and flax oil in processed cheese products and imitation cheese formulations.

Comments: Reviewed on 3-24-2022 but not approved. We would recommend submitting to the National Sunflower Association as they are looking to expand oil market uses. Because of a lack of crop inventory, we suggest dropping safflower and flax oil.

Md Elias Uddin Replacing soybean meal with alternative oilseed meals in dairy cows' diet: Impact on lactation performances, nutrient utilization efficiency, milk protein fractions and milk fatty acid profiles.

Reviewed Comments: Reviewed on 3-24-2022 but not approved. We suggest submitting your request to the National Sunflower Association for their expanding meal research and possibly combining it with the Dairy Science Industry as a joint project. Additionally, we recommend removing Safflower entirely from the study due to lack of safflower oil inventory.

Crystal Levesque Investigation of nutritional value of sunflower meal as an alternative to soy meal in turkey diets.

Reviewed on 3-24-2022 & Motion by Hourigan / Olson approved for funding at: \$39,900

Comments: The Council is very interested in the effects of exogenous enzymes on sunflower meal.

New Business - Action Items to be approved:

1. Review & Approval of Funding for Research Requests
 - **Motion to approve funding of SDSU Research Proposals as amended. Hourigan / Olson -Passed**
 - **Motion to request refund of unused funds granted to SDSU Research not used in FY22. Hourigan / Olson -Passed**
2. Finalize Budget FY2023 - The Budget for the FY23 year was set with Income projected at \$386,500 Expenses \$491,375 Used from Savings \$104,875
Moved by Oberlander / DePoy -Passed

No break for Lunch was taken.

Reports - National Sunflower Association (NSA)

Hourigan reported the NSA held their spring meeting via Zoom rather than the traditional trip the Washington DC. The NSA had success in working with the RMA insurance in creating two categories for sunflowers as in Oil type and Confection Type similar to Spring and Winter Wheat. NSA is very concerned with the ARS of Fargo still not having a director and staff still are not in their offices.

Next meeting tentatively scheduled for September 8 & 9 at in Brookings.

1:30 PM

Adjourn – Motion by DuPoy / Oberlander to Adjourn. – passed

Submitted by Tom Young, Executive Director