



## South Dakota Nutrient Research and Education Council

December 4, 2019

9:00 a.m. – 4:00 p.m.

McCrary Gardens Education and Visitor Center

631 22<sup>nd</sup> Avenue, Brookings, SD 57007

MEMBER	REPRESENTING
RYAN WOLF - CHAIR *	SPECIALTY FERTILIZER INDUSTRY
RYAN SCHUCHHARDT – VICE CHAIR *	FERTILIZER INDUSTRY
COLIN NACHTIGAL - SECRETARY *	GROWER ORGANIZATION
JIM LOKEN - TREASURER *	FERTILIZER INDUSTRY
KEVIN BACHMEIER *	FERTILIZER INDUSTRY
RICHARD VASGAARD *	GROWER ORGANIZATION
RICHARD JENNY *	CERTIFIED AGRONOMY ASSOCIATION
TOM WOLLES *	FARMER MEMBER OF THE STATE CONSERVATION COMMISSION
ROBERT WALSH *	COMMODITY ORGANIZATION
BRYAN JORGENSEN	ENVIRONMENTAL ORGANIZATION
DANA LOSEKE	ENVIRONMENTAL ORGANIZATION
BILL GIBBONS	SOUTH DAKOTA AGRICULTURAL EXPERIMENT STATION AT SDSU
TOM GERE	SECRETARY OF THE DEPARTMENT OF AGRICULTURE
TREVOR HUPP	SECRETARY OF THE DEPARTMENT OF AGRICULTURE
PAUL WEGLEITNER	SECRETARY OF THE DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
* VOTING MEMBER	

INVITED PARTICIPANTS	
KATHY ZANDER	SOUTH DAKOTA AGRIBUSINESS ASSOCIATION – EXECUTIVE DIRECTOR
ANGELA LOFTESNESS	SDSU COLLEGE OF AGRICULTURE, FOOD, AND ENVIRONMENTAL SCIENCES – ASSISTANT TO THE DEAN

- 9:30 A.M. – 10:45 A.M.      WELCOME & APPROVAL OF AGENDA – RYAN WOLF
- APPROVAL OF MINUTES – COLIN NACHTIGAL
- FINANCIAL REPORT – JIM LOKEN AND ANGELA LOFTESNESS
- REVIEW AND APPROVAL OF NO-COST EXTENSIONS
- REVIEW AND APPROVAL OF FUNDING RENEWALS
- EXTERNAL REVIEWER PROCESS
- 10:45 A.M. – 11:00 A.M.      BREAK
- 11:00 A.M. – 12:00 P.M.      PROJECT PRESENTATIONS AND Q&A

11:00 A.M.	JASON CLARK	COMBINING SOIL FERTILITY AND SOIL HEALTH TO IMPROVE CORN POTASSIUM, PHOSPHORUS, AND SULFUR FERTILIZER RECOMMENDATIONS
------------	-------------	---

11:15 A.M.	JASON CLARK	BUILDING POTASSIUM FERTILIZER GUIDELINES THAT INCLUDE SOIL CLASSIFICATION INFORMATION
11:30 A.M.	DEBANKUR SANYAL	UPDATING NITROGEN FERTILIZER RECOMMENDATIONS UNDER DIFFERENT CROPPING SYSTEMS OF SD USING SELECTED SOIL HEALTH INDICATORS AND REMOTE SENSING TOOLS
11:45 A.M.	JOHN McMAINE	IDENTIFYING NUTRIENT LOSS HOT SPOTS IN TILE DRAINAGE

12:00 P.M. – 1:00 P.M. EXECUTIVE SESSION – LUNCH, PRELIMINARY DISCUSSION

1:00 P.M. – 1:15 P.M. PROJECT PRESENTATIONS AND Q&A

1:00 P.M.	PETER KOVACS	N PLACEMENT AND APPLICATION METHODS EFFECT ON CORN GRAIN YIELD
-----------	--------------	--

1:15 – 3:00 P.M. EXECUTIVE SESSION – FUNDING DECISIONS, ADDITIONAL BUSINESS, WRAP-UP