

**SENATE  
STATE OF MINNESOTA  
NINETY-FIRST SESSION**

**S.F. No. 3961**

(SENATE AUTHORS: EKEN and Wiger)

DATE  
03/04/2020

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5233

OFFICIAL STATUS  
Introduction and first reading  
Referred to Agriculture, Rural Development, and Housing Finance

1.1 A bill for an act  
1.2 relating to natural resources; appropriating money for precision agriculture research  
1.3 and outreach.

1.4 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF MINNESOTA:

1.5 Section 1. **PRECISION AGRICULTURE RESEARCH AND OUTREACH;**  
1.6 **APPROPRIATION.**

1.7 \$..... in fiscal year 2021 is appropriated from the general fund to the Board of Regents  
1.8 of the University of Minnesota, in consultation with the commissioner of agriculture and  
1.9 the Board of Water and Soil Resources, to provide additional research and outreach through  
1.10 the University of Minnesota's Precision Agriculture Center, and to:

1.11 (1) develop policy recommendations regarding data privacy, public-private partnerships,  
1.12 and needed technical assistance focused on the most challenging agricultural and water  
1.13 issues; and

1.14 (2) research recommendations and pilot studies that include variable rate nutrients,  
1.15 variable rate irrigation, nitrogen mineralization, remote sensing, delineation of management  
1.16 zones, and extension programming.