

4/6/99 Returned to Drafting

MAR 17 1999  
Place On Calendar

HOUSE FILE 701  
BY COMMITTEE ON TRANSPORTATION

(SUCCESSOR TO HF 504)

Passed House, Date \_\_\_\_\_ Passed Senate, Date \_\_\_\_\_  
Vote: Ayes \_\_\_\_\_ Nays \_\_\_\_\_ Vote: Ayes \_\_\_\_\_ Nays \_\_\_\_\_  
Approved \_\_\_\_\_

**A BILL FOR**

1 An Act directing the state department of transportation to  
2 conduct a study on the use of corn-based de-icers.  
3 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

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HF 701

1 Section 1. STUDY OF THE USE OF CORN-BASED DE-ICERS. The  
2 state department of transportation shall study, make  
3 recommendations regarding, and conduct testing on the use of  
4 corn-based de-icers on the highways of this state. The study  
5 shall be conducted in one or more transportation regions of  
6 the state, as determined by the department. The department  
7 shall study the feasibility of using corn-based de-icers and  
8 the benefits and detriments of such use to highways, road  
9 construction and maintenance equipment, vehicles, and the  
10 environment. The department shall also study the costs  
11 involved with the use of corn-based de-icers and the equipment  
12 needed for such use. On or before September 1, 2003, the  
13 department shall submit a report to the general assembly  
14 concerning the results of the study and the findings and  
15 recommendations of the department.

16 EXPLANATION

17 This bill directs the state department of transportation to  
18 conduct a study, make recommendations regarding, and conduct  
19 testing on the use of corn-based de-icers on highways in the  
20 state. The study is to be conducted in one or more  
21 transportation regions of the state, as determined by the  
22 department, and is to include the benefits and detriments of  
23 the use of the de-icers to highways, road construction and  
24 maintenance equipment, vehicles, and the environment. The  
25 department shall also study the costs involved and the  
26 equipment needed for the use of de-icers. The department is  
27 to report to the general assembly the results of the study by  
28 September 1, 2003.

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**HOUSE FILE 701  
FISCAL NOTE**

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A fiscal note for House File 701 is hereby submitted pursuant to Joint Rule 17. Data used in developing this fiscal note is available from the Legislative Fiscal Bureau to members of the Legislature upon request.

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House File 701 requires the Department of Transportation (DOT) to conduct a feasibility study on the use of corn-based de-icers on highways of this State and evaluate the benefits and detriments of such use to highways, road construction, and maintenance equipment. The Study shall include testing of the corn-based de-icers in one or more DOT transportation regions of this State.

**ASSUMPTIONS**

1. The DOT would test the corn-based de-icers in 10 to 12 counties throughout the State at a cost of \$22,000 to \$35,000 per county. The cost will depend on the types of materials being tested and the quantity.
2. The DOT would contract with a consultant for purposes of designing and implementing the study at an estimated cost of \$300,000 to \$350,000.

**FISCAL IMPACT**

House File 701 will cost the Department of Transportation an estimated \$520,000 to \$780,000 from the Primary Road Fund.

**SOURCE**

Department of Transportation

(LSB 1874hv, DLR)

FILED MARCH 22, 1999

BY DENNIS PROUTY, FISCAL DIRECTOR