

AMENDMENTS TO LB562

(Amendments to Standing Committee amendments, AM1248)

Introduced by Hunt, 8.

1 1. Insert the following new section:

2 Sec. 16. (1) It is the intent of the Legislature to appropriate one
3 hundred fifty thousand dollars to the University of Nebraska to carry out
4 an ethanol sustainability study. It is further the intent of the
5 Legislature that the University of Nebraska provide the funding
6 appropriated in this section to the University of Nebraska Institute of
7 Agriculture and Natural Resources to conduct the study.

8 (2) The study shall include, but not be limited to:

9 (a) An analysis and evaluation of the short-term and long-term
10 effects of corn-based ethanol production, including how land used to grow
11 corn for ethanol production impacts food crop production;

12 (b) The overall life cycle of carbon emissions resulting from the
13 use of ethanol in gasoline, including emissions resulting from changes in
14 land use, processing, and combustion necessitated by ethanol standards;

15 (c) The effects on carbon emissions from tilling and application of
16 nitrogen fertilizers in corn fields used to grow corn for ethanol
17 production;

18 (d) Carbon sequestration associated with the planting of new
19 ethanol-related cropland;

20 (e) Rates of water usage on ethanol-related cropland; and

21 (f) The effects on natural habitats and pollinator populations of
22 the increased use of agricultural land to grow corn for ethanol
23 production.

24 (3) The institute may contract with a third-party, science-based
25 organization to develop an independent report on the results of the
26 study. The report shall be electronically submitted to the Legislature by

- 1 January 1, 2025.
- 2 2. Renumber the remaining section accordingly.