<u>Resolution #3</u> – Elgin SCIA – Nitrogen High Yield Research

WHEREAS Nitrogen fertilizer costs and emissions are top of mind, and;

WHEREAS N response data does not include the high yields (greater than 220 bu) that many growers now achieve.

THEREFORE, BE IT RESOLVED that OSCIA continue to support Nitrogen research in high yield environments and look at nitrogen loss potential.

MOVED BY John Poel SECONDED BY Terry Small, Elgin

Carried.

ACTION – Sent correspondence to OMAFRA and the Ontario Corn Committee to request updates to the Nitrogen calculator.

RESPONSE FROM Ontario Corn Committee:
While nitrogen research is very important to corn agronomy in the province, nitrogen research is not something the OCC would be directly involved in. The key focus of the OCC is corn hybrid performance testing, though the OCC has assisted in agronomy trials that have a hybrid focus from time-to-time in the past.

RESPONSE FROM OMAFRA:
This is an important research priority. Dr. Adrian Correndo, the new cropping systems professor at the University of Guelph, has been successful in securing research funding to produce new corn N response data to eventually build an updated corn N database and Ontario corn N recommendations. A key element of this research is to conduct trials on-farm (not just on research stations) to build across of range of soil

types and geographies. On-farm co-operators will be a critical part of the success of this project. It's hoped OSCIA members will play a willing role in hosting some of these trials. Dr. Correndo has a strong track record on developing fertility recommendations from his past at Kansas State University and in Argentina.