

# HIGH WINDS, DERECHOS AND GRAIN BINS... OH MY!

MANY GRAIN BIN FAILURES OCCUR DUE TO HIGH WINDS. IBHS LOOKED AT THESE STRUCTURES AND FOUND THE FOLLOWING:

## 5 CRITICAL VULNERABILITIES

1. Often grain bins are excluded from local building codes



2. Design focused on interior content forces and not enough on external wind



3. Most if not all bins are designed using outdated standards for wind loads



4. Minimal onsite installation quality control

5. No single-source solution for the assembly from the foundation pad to the grain bin



**ALL OF THIS LEADS TO UNKNOWN REAL WORLD PERFORMANCE EXPECTATIONS.**

