

CIBO PREDICTS

THE DESTRUCTIVE IMPACT OF AUG. 2020'S DERECHO ON CORN YIELD

WHAT HAPPENED

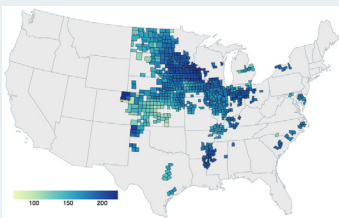
With winds in excess of 120 miles per hour (mph), the August 2020 derecho lasted 14 hours and traveled 770 miles—from eastern South Dakota to western Ohio—at an average speed of 55 mph. For many farmers in central Iowa and northwest Illinois, the flattened fields and destroyed grain-handling facilities, farm buildings, houses and businesses left in its wake turned a potential record crop year into a nightmare. They needed to understand the derecho's probable impact on their corn yields—fast.

WHAT CIBO DID

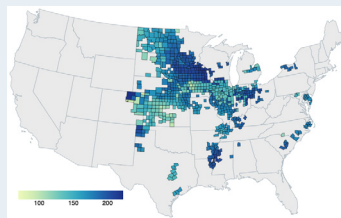
CIBO's yield simulator analyzed preliminary National Weather Service Storm Reports and National Oceanic and Atmospheric Administration (NOAA) data to identify the specific counties—located primarily in Iowa, Illinois and Indiana—that may have sustained crop damage from the derecho.

WHAT CIBO PREDICTS*

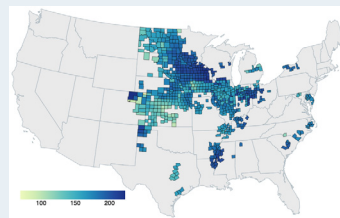
While the final impact to corn yield won't be known until months from now, CIBO estimates the derecho caused a loss of 10-40% of the corn crop in this area as of fall 2020.



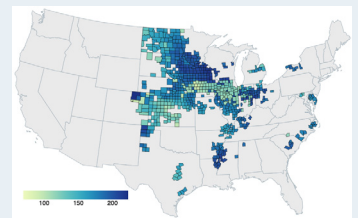
10% CROP LOSS



20% CROP LOSS



30% CROP LOSS



40% CROP LOSS

*Calculations based upon yields for counties that typically plant at least 25,000 acres of corn based upon the past 10 years of crop acreage data from the USDA Farm Service Agency.

Dig deeper into each of the above elements to find out how CIBO's new, proprietary approach finally makes it possible for anyone to easily forecast yield.

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