



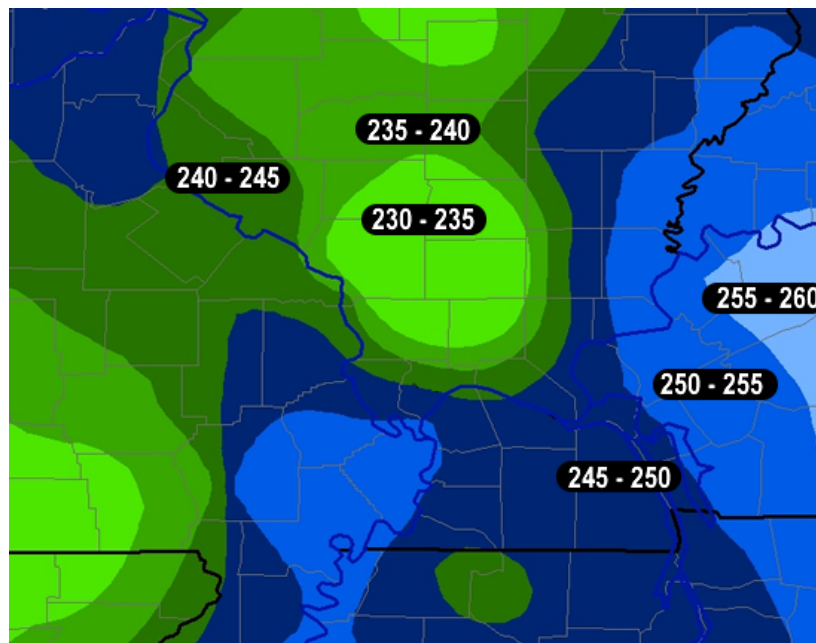
ETHANOL PLANT ANALYSIS Understanding Your Corn Sourcing Environment

If you are analyzing the viability of a location for a new ethanol facility this report is essential. It provides detailed, location specific information on corn sourcing. Where will the grain come from, and at what price?

The report combines an analysis of local supplies with local prices. Our database of over 2,600 grain buyers allows us to accurately gauge competition for your proposed plant. Taking into account all of the prices surrounding the proposed plant, our dynamic spatial-equilibrium model estimates the price impact from locating a new facility and provides critical insights about corn sourcing and least-cost transportation modes for acquiring feedstock supplies.

Each Report Contains The Following

- (1) **A historical analysis of corn prices in the area.**
 - Ten-year average price history.
 - Seasonal price variations, including the high and low for each year
 - Detailed price and basis maps, identifying regional zones of high and low prices.



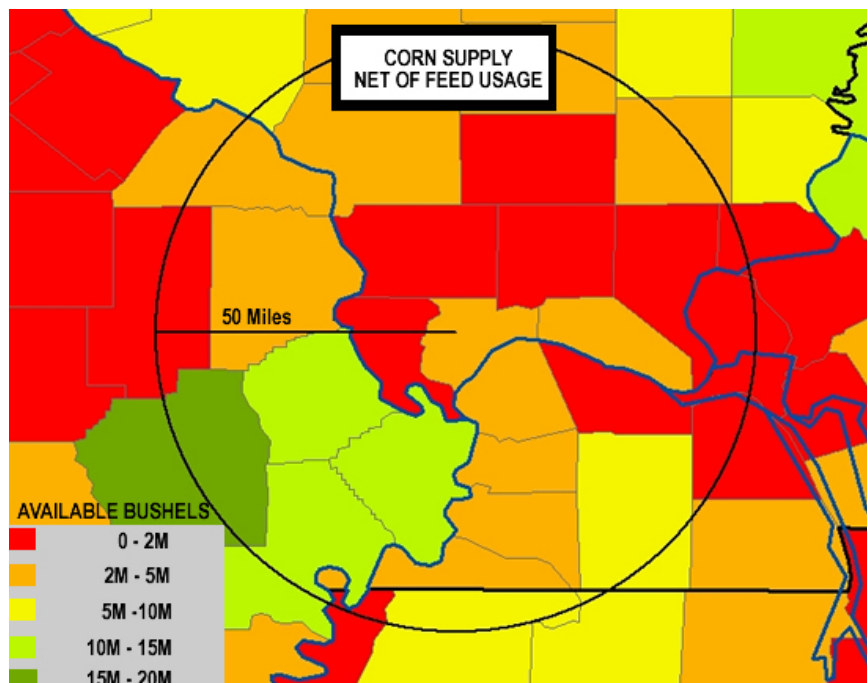
Example Price Map (Demonstration Only- Data Not Accurate)

(2) Regional Corn Supply Analysis

Average historical production is computed within a 200-mile radius of the proposed plant. We examine the variability of local production, highlighting past high and low production years.

While available supplies are an important indicator of sourcing grain in a local area, it is not necessarily true that all grain within a narrow region will find its way to the plant. This is because competing uses and alternative market outlets (with potentially more advantageous prices) will keep some of the available corn from being trucked to the plant. As such, we also include local demand sources of feed use, exports, and competing corn processing plants to arrive at a net-supply estimate.

The net supply estimates are presented in a tabular and graphical format that can be combined with the price map to visually identify likely corn sourcing regions.



Example Production Map (Demonstration Only- Data Not Accurate)

After arriving at net corn production we examine competing facilities in the region that would be pulling corn away from the immediate vicinity of the proposed plant. These competing facilities, along with their supply demands and current pricing, are then included in our spatial-equilibrium model.

(3) Corn Price Analysis

Our proprietary spatial equilibrium model provides a framework for assessing the impacts of localized structural changes on cash grain markets. From regionalized production shortfalls, to disruptions in grain transportation flows, to the introduction of new sources of demand, our models allow us to ascertain the extent of price impacts and also see how these impacts diffuse spatially across the market landscape.

(4) Least-Cost Corn Sourcing by Truck, Rail or Barge

Transportation costs are one of the biggest costs in sourcing corn. Whether you get your supplies by truck, rail or barge, understanding where you should purchase your corn and what mode of transportation will be most cost effective will help you better design your facility and manage your business.

Our analysis accounts for the cost of acquiring supplies by truck, barge and/or rail from various markets all over the country. Utilizing our extensive database of rail rates from all major North American rail carriers, we can analyze least-cost rail solutions and discounts based on car sizes (26 54 110-car shipments). Our results provide you a complete understanding of the amount of supplies you should expect to acquire by truck, rail or barge.

Example Rail Corn Delivered Price and Rail Cost for 54-car Shipments in cents per bushel.

State	City	Company	Rail Cost	Delivered Price
ND	Rolla	Rolla Coop Grain	74	248
IA	Chariton	Farmers Coop	51	250
IA	Knoxville	South Central Coop	51	250
SD	Bristol	SD Wheat Growers	68	251
SD	Roscoe	SD Wheat Growers	71	251
IA	Ottumwa	Wapello County Grain	46	254
SD	Java	North Central Farmers	72	255
MN	Bellingham	Bellingham Farmers	66	256
ND	Lisbon	Plains Grain	70	256
ND	Page	ADM Benson Quinn	70	256
ND	New Rockford	Bremen Elevator	72	256
MN	Darwin	Buffalo Lake Coop	62	256
IA	Stanton	United Farmers Merc	56	256
SD	South Shore	South Shore Elevator	67	257
ND	Edgeley	Dakota Prairie Ag	71	257

For more details, please call us at 1-866-290-1196. We would be happy to discuss our analysis and model with you further. In most cases we can produce a detailed analysis for you within 7 to 10 business days.