



HOEGEMEYER HIGH PH RESEARCH – 2025

High soil pH is a common problem in the Western Corn Belt. At Hoegemeyer, we are committed to providing you products that can tolerate these stressful conditions. High pH soils cause a symptom known as Iron Deficiency Chlorosis (IDC). Several nutrients become harder for the plant to extract from the soil at a pH above 7.5 including phosphorus, zinc, iron, and manganese.

This may cause stunting, yellowing, interveinal chlorosis, and even plant death in some hybrids. Decreasing soil pH through management practices is very difficult and typically not economical, so what should a grower do?

The best management practice is usually to plant a hybrid proven to have good tolerance to high soil pH. Hoegemeyer began screening each of our corn products for high pH tolerance in 2014 and we've continued to add to our data set each year. The table above shows the soil pH levels in our trials in recent years. Please refer to the table below for a list of corn hybrids that we have found to demonstrate good suitability on high pH soils. If you have any questions related to pH tolerant hybrids, feel free to contact your local Hoegemeyer DSM or Agronomist.

Location	Average pH of site by year				
	2020	2021	2022	2023	2024
Alda, NE	8.1	8.1	8.1	8.1	8.1

MATURITY	HIGHLY SUITABLE CORN BRANDS (RATING 6 OR BETTER)
99	6964 Family
100	7088 Family
103	7329 Family
104	7402 Family / 7478 Family
108	7835 Family
109	7916 Family
110	8014 Family / 8046 Family / 8054 Family
111	8110 Family / 8125 Family / 8172 Family
112	8205 Family / 8233 Family
113	8303 Family / 8365 Family
116	8684 Family
117	8707 Family
118	8812 Family

MATURITY	SUITABLE CORN BRANDS (RATING 5)
91	6108 Family
92	6287 Family
93	6357 Family
95	6532 Family
97	6714 Family / 6737 Family
100	7094 Family
101	7138 Family
103	7322 Family
104	7434 Family / 7485 Family
105	7507 Family / 7523 Family / 7549 Family / 7590 Family
106	7654 Family / 7667 Family
107	7772 Family
108	7843 Family
109	7955 Family / 7976 Family
110	8009 Family
111	8156 Family
112	8262 Family / 8268 Family
113	8397 Family
114	8418 Family / 8453 Family / 8490 Family
115	8529 Family / 8561 Family / 8595 Family
117	8750 Family

FOR COMPLETE DETAILS, CONTACT YOUR HOEGEMEYER REPRESENTATIVE OR CALL 1.800.AG LINE 1 (1.800.245.4631)

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