

Know Your Hybrids

RESPONSE TO Nitrogen & Fungicide

Response to Nitrogen

Modern corn hybrids show varying responses to nitrogen based on genetics. High-response hybrids often require on average 20-30 lbs. per acre more than lower-response, more efficient hybrids to reach optimal yields.

Nitrogen uptake is critical from the R1 to R6 grain fill time frame accounting for approximately 38% of nitrogen use. Be sure to ask your agronomist about adding **SRN25B** to your fungicide application, especially with the excessive rainfall we've had in some areas!

Response to Fungicide

Fungicide is a key component of overall plant health and stalk quality. Plants grew extremely fast in a short amount of time this year after a slow start, making these stalks a little weaker than most years. One of the hidden benefits of fungicide that is difficult to equate is **STANDABILITY!**

Also, don't forget to fungicide your disease-prone soybean varieties around the R3 stage. Under high moisture and disease pressure, yield responses can be anywhere from a 4-6 bushel increase and summer is just beginning.

Corn fungicide scores are based on 4-year trial studies:

Low = 4.5-10 bushel increase

Average = 9-14.8 bushel increase

High = 14.2-18.7 bushel increase



*Information provided by local CROPLAN®, DEKALB® and Brevant® representatives, respectively. Yield data is not a guarantee of yield response. Contact your Key agronomist if your hybrid is not listed.

DEKALB	Response to Nitrogen	Response to Fungicide
DKC 101-33/35	High	Average/High
DKC 105-33/35	Average	High
DKC 106-98VT4	Low	Average/High
DKC 56-26	Average	Average/High
DKC 107-69	High	High
DKC 108-17	High	High
DKC 108-64	Low	High
DKC 109-71	Average	High
DKC 110-10	Average	Average
DKC 110-41	High	High
DKC 111-33/35	High	Average/High
DKC 111-61/62	Average	Average
DKC 112-12	High	Average/High
DKC 112-35	High	Average
DKC 113-03	High	High
DKC 114-42/43	Average/High	High
DKC 114-99	Average	Average/High
DKC 115-55	Average	Average
DKC 116-62	High	Average/High
DKC 66-06	Average	High
DKC 68-35	Average	Average/High

BREVANT	Response to Nitrogen	Response to Fungicide
B04J45	Average	High
B06Y18	High	Average
B08R32	High	Average
B09Z08	Average	High
B10Z50	High	Average
B11C37	High	Average
B12H48	High	Average
B12J58	Average	Average
B13C49	High	Average/High
B14C59	High	Average

CROPLAN	Response to Nitrogen	Response to Fungicide
CP4840	Low	High
CP5050	Average	High
CP5249	Average	Average
CP5320	High	Average
CP5468	Average	Average
CP5682	High	High