



STARTER FERTILIZER PRODUCT & RATE STUDY IN-FURROW

Most of our locations experienced good growing conditions after planting and rapid seedling growth. The warm soil and good moisture likely helped mineralize nutrients, which may have limited starter response this year.

2025 MULTI-LOCATION RESULTS

IN-FURROW TREATMENTS	EMERGED POPULATION	POPULATION DIFFERENCE	BU./A.	BU./A. DIFFERENCE	RETURN ON INVESTMENT
Control: No Starter	32,747	--	223.7	--	--
3 gal. PureGrade® Diamond 6-24-6	32,575	-172	226.8	+3.1	-\$0.57
5 gal. PureGrade® Diamond 6-24-6	32,475	-272	227.0	+3.3	-\$9.21
3 gal. 10-34-0	32,289	-458	228.1	+4.4	+\$8.74
5 gal. 10-34-0	32,683	-64	227.5	+3.8	-\$1.05
Corn \$4.42/Bu. 10-34-0 \$3.57/gal. PureGrade® Diamond 6-24-6 \$4.76/gal. These results are based on the disclosed study parameters and participating sites.					

2025 STARTER FERTILIZER PRODUCT & RATE - IN-FURROW RETURN ON INVESTMENT

	3 GAL. 6-24-6	5 GAL. 6-24-6	3 GAL. 10-34-0	5 GAL. 10-34-0
INDIANA	-\$3.23	-\$7.45	\$14.04	\$5.13
KENTUCKY	-\$24.00	-\$39.71	-\$13.36	-\$20.06
C. ILLINOIS	\$29.92	\$42.95	\$56.04	\$34.31
NEBRASKA	-\$13.84	-\$26.89	-\$12.92	-\$15.64
MINNESOTA	\$8.70	-\$0.11	-\$8.13	-\$14.08
KANSAS*	-\$6.33	-\$27.78	-\$23.97	-\$29.34

*Not Included in Multi-Location Results

PLANT PICTURES + WEIGHTS (G.): CENTRAL ILLINOIS

NO STARTER: 17 G.	3 GAL. 6-24-6: 24 G.	5 GAL. 6-24-6: 26 G.	3 GAL. 10-34-0: 24 G.	5 GAL. 10-34-0: 26 G.

PARTICIPATING SITES

IN	KY	C.IL	S.IL	OH	IA	NE	MN	KS	WI	DELTA	FARM
----	----	------	------	----	----	----	----	----	----	-------	------