

**Table 1. Site characteristics and trial activities, 2024.**

<b>Parameter/ activity</b>	<b>Corn</b>	<b>Soybean</b>
<b>Soil test</b>		
pH	7	6
OM (%)	2	2
P (ppm)	43	25
K (ppm)	74	67
Ca (ppm)	1,446	1,059
Mg (ppm)	308	176
<b>Applied nutrients (lb/a)*</b>		
N	145	13
P <sub>2</sub> O <sub>5</sub>	30	-
K <sub>2</sub> O	90	128
S	15	15
<b>Planting</b>		
Hybrid/ Variety	Renk 710DGV2P	Renk 2480E
Maturity	105	2.4
Rate (seeds/acre)	32,100	148,000
Date	5/17	5/31
<b>Rye biomass at planting</b>		
AGB (lb/a)	1,873	2,342
Height (in)	26.0	40.4
Canopy (%)	45.1	32.9
<b>Sampling dates</b>		
AGB	5/12	5/31
Emergence		
First	5/25	6/6
50%	5/26	6/7
Final	5/28	6/10
Stand		
30 DAE	6/25	7/8
Final	10/27	10/4
R1 tissue	8/5	8/5
Harvest	10/27	10/4
<b>Other field operations</b>		
Rye termination	5/20	6/12
POST application	6/27	6/12
N application	6/27	-

\* Applied nutrients banded at planting, N split, 120 lb applied in-season.