

Location	Variety	Grain Yield	Test Weight	Plant Height
		bu/ac	lb/bu	In
Kanawha	Bintee 12	99.4	58.0	28.3
	Katie 15	113.8	59.1	31.8
	Millie 8	95.7	55.2	32.5
	Viking 211	94.8	55.6	32.5
	Viking 801	121.9	55.5	34.3
	Winner	107.9	59.8	34.5
	p-value	0.0717	0.0860	0.0001
	LSD (0.10)	16.1	3.6	1.4
Nashua	Bintee 12	84.3	56.5	28.8
	Katie 15	83.7	57.0	30.5
	Millie 8	74.5	56.6	29.7
	Viking 211	67.0	53.2	32.5
	Viking 801	93.4	55.4	32.8
	Winner	80.1	56.3	32.0
	p-value	0.0012	0.0001	0.0008
	LSD (0.10)	7.2	0.6	1.5
2-Location Average	Bintee 12	91.9	57.3	28.6
	Katie 15	98.8	58.0	31.2
	Millia 8	85.1	55.9	31.1
	Viking 211	80.9	54.4	32.5
	Viking 801	107.6	55.4	33.6
	Winner	94.0	58.0	33.3
	p-value	0.0003	0.0035	0.0001
	LSD (0.10)	8.5	1.7	1.0

	Kanawha	Nashua
Previous crop	soybean	soybean
Replications	3	3
Harvested plot size	5 ft by 57 ft	8.125 ft by 50 ft
Fertilizer applied	52 lb P ₂ O ₅ on 20 Oct 2023; 240 lb K ₂ O on 20 Oct 2023; 17 lb S/acre on 11 Oct 2023; 35 lb N/acre on 13 March 2024	31 lb P ₂ O ₅ on 7 Nov 2023; 200 lb K ₂ O on 7 Nov 2023; 25.5 lb S/acre on 19 Nov 2023; 35 lb N/acre on 7 March 2024
Tillage	no-tillage	no-tillage
Planting date	5 October 2023	6 October 2023
Row spacing	7.5 inches	7.5 inches
Seeding rate	53.5-97.6 lb/ac depending on seed size	66-91 lb/ac depending on seed size
Seeding depth	1.25 inches	1.25 inches
Harvest date	16 July 2024	18 July 2024