

2025 Corn Silage Performance Trials Summary

Conducted by Dr. Heather Darby and the University of Vermont Northwest Crops and Soils Program

Long season corn (98-111 day relative maturity) silage hybrids in Alburgh, VT

Planting Date: 13-May 2025

Harvest Date: 17-Sep 2025

Company/Brand	Hybrid	Trait Code†	RM	Harvest Population plants ac ⁻¹	DM %	Yield 35% DM tons ac ⁻¹	Starch % DM	CP % DM	Lignin % DM	aNDFom % DM	30 hr NDFD % NDFom	CNCPS Predicted Milk Yield lbs day ⁻¹	CNCPS Predicted DMI lbs day ⁻¹
Seedway	SW 9876SS (RIB)	8	98	28,628	33.5	22.2	33.6	7.4	3.5	40.1	54.0	85.7	55.3
Brevant	B99A24V	11	99	29,529	33.4	25.3	37.0	7.6	3.3	37.6	53.6	93.4	58.2
Seed Consultants	SC1006PCE	5	100	29,588	32.0	23.6	36.6	7.1	3.4	38.4	53.0	87.6	55.9
Syngenta NK Seed	NK0025-DV	4	100	31,271	34.5	27.6	37.3	7.4	3.2	37.3	54.7	95.0	59.1
Revere Seed	Revere 0120 PC	5	101	29,054	30.2	20.0	33.3	7.2	3.5	39.1	51.8	82.5	53.7
Seed Consultants	SC1018AM	1	101	30,109	30.5	21.8	34.7	7.1	3.4	39.2	53.8	89.1	56.8
Seedway	SW 0123PE (RA)	5	101	29,888	30.6	24.8	32.9	7.2	3.4	39.2	53.5	86.1	55.2
Growmark FS	FS 5159PCRA	5	101	30,868	31.6	24.5	35.9	7.0	3.3	37.7	53.2	90.6	57.2
Dekalb	DKC101-33RIB	9	101	30,040	32.4	25.2	35.8	7.0	3.3	39.6	55.3	91.4	57.5
Channel	201-07SSPRIB	9	101	30,066	33.2	23.8	36.2	7.0	3.3	38.3	54.9	89.2	56.2
Dekalb	DKC102-13RIB	13	102	29,469	32.7	24.1	35.0	6.9	3.4	38.7	54.6	91.2	57.8
Channel	202-43VT4PRIB	13	102	29,881	33.2	25.8	35.6	7.4	3.3	38.3	54.5	91.0	57.1
Syngenta NK Seed	E102K7-D	3	102	29,093	33.3	23.2	34.4	8.2	3.1	37.9	54.8	95.6	59.3
Dekalb	DKC53-94RIB	9	103	31,363	32.5	25.7	34.3	7.0	3.2	38.9	56.3	93.0	58.0
Growmark FS	FS 5347TRIB	10	103	30,345	32.7	23.8	37.2	7.8	3.2	35.5	54.6	95.4	58.7
Dyna-Gro Seed	D44PN56RA	5	104	30,142	29.6	19.3	33.6	7.6	3.5	40.1	52.3	81.8	53.5
Channel	204-54SSPRIB	9	104	31,654	30.4	25.1	37.0	7.1	3.3	37.9	54.2	94.5	58.8
Seedway	SW 0404SS (RIB)	8	104	28,981	32.8	24.7	35.8	6.8	3.5	39.6	51.8	80.0	52.6
98-104 days mean				29,998	32.2	23.9	35.3	7.3	3.3	38.5	53.9	89.6	56.7
Overall LSD (0.10) ‡				1,371	2.1	2.8	3.9	NS§	NS	NS	NS	NS	NS
Overall mean				29,942	31.9	24.4	34.8	7.3	3.3	39.1	54.6	90.3	57.0

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Trait Code	Trait	Trait Code	Trait	Trait Code	Trait	Trait Code	Trait
1	Acremax	5	PowerCore Enlist	9	SmartStax PRO	13	VT4 PRO w/RNAi Technology
2	Conventional	6	PowerCore Enlist Refuge Advanced	10	Trecepta RIB Complete		
3	Duracade (Agrisure5112EZ)	7	Qrome	11	Vorceed Enlist		
4	Duracade Viptera (Agrisure5222EZ)	8	SmartStax	12	VT2 PRO RIB Complete		

Company/Brand	Hybrid	Trait Code†	RM	Harvest Population plants ac ⁻¹	DM %	Yield, 35% DM tons ac ⁻¹	Starch % DM	CP % DM	Lignin % DM	aNDFom % DM	30 hr NDFD % NDFom	CNCPS Predicted Milk Yield lbs day ⁻¹	CNCPS Predicted DMI lbs day ⁻¹
Redtail (King's Agriseeds)	RT 55T79	3	105	29,829	31.4	24.1	33.8	7.6	3.3	39.2	53.4	85.1	54.8
Brevant	B05D47V	11	105	30,040	32.2	25.1	36.0	6.8	3.3	39.9	52.8	83.4	54.2
Seed Consultants	SC1055PCE	5	105	30,928	32.3	27.5	34.2	6.9	3.6	40.8	53.9	84.9	54.9
Dekalb	DKC105-25RIB	9	105	30,347	32.7	25.8	35.7	7.1	3.3	37.8	54.4	91.7	57.5
Revere Seed	Revere 0518VT2PRIB	12	105	29,357	32.9	24.2	34.3	6.9	3.5	39.1	53.4	83.1	53.9
Syngenta NK Seed	NK0604-DV	4	106	29,832	31.6	24.6	33.6	7.0	3.4	40.4	55.4	90.2	57.1
Pioneer	P0732Q	7	107	29,357	31.9	24.5	34.9	7.4	3.2	38.6	56.9	97.8	60.4
Brevant	B08R32V	11	108	30,142	31.0	27.0	36.3	7.5	3.3	38.7	54.1	91.3	57.3
Seed Consultants	SC1086PCE	5	108	29,195	31.1	25.2	32.3	7.2	3.5	41.3	55.4	87.3	55.9
Chemgro Seed	Chemgro 6854PCE	6	108	29,163	32.0	25.3	35.8	7.5	3.4	39.1	54.3	89.6	56.8
Syngenta NK Seed	E108K4-DV	3	108	30,776	33.9	26.8	35.2	7.4	3.1	39.6	57.1	98.6	60.4
KingFisher (King's Agriseeds)	KF 59B70	2	109	29,269	25.5	18.0	26.4	8.2	3.1	42.2	61.8	102	62.7
Brevant	B09C43V	11	109	29,954	32.0	25.9	34.6	7.6	3.2	42.4	58.2	92.3	58.1
Dekalb	DKC110-10RIB	9	110	30,238	32.4	25.4	35.7	7.4	3.2	38.3	56.6	99.2	60.5
Dekalb	DKC111-02RIB	9	111	29,690	29.9	24.5	34.8	7.1	3.4	38.4	53.6	88.7	56.4
105-111 days mean				29,874	31.5	24.9	34.2	7.3	3.3	39.7	55.4	91.0	57.4
Overall LSD (0.10) ‡				1,371	2.1	2.8	3.9	NS§	NS	NS	NS	NS	NS
Overall mean				29,942	31.9	24.4	34.8	7.3	3.3	39.1	54.6	90.3	57.0

†Trait codes are listed in Table below.

‡LSD (0.10); least significant difference at the p=0.10.

§NS = No significant statistical difference amongst the corn hybrids.

Trait Code	Trait	Trait Code	Trait	Trait Code	Trait	Trait Code	Trait
1	Acremax	5	PowerCore Enlist	9	SmartStax PRO	13	VT4 PRO w/RNAi Technology
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