Clemson University

Corn Hybrid Demonstration Trials



2026 Results

COOPERATIVE EXTENSION

College of Agriculture, Forestry and Life Sciences

Corn Hybrid Demonstration Trials

Clemson University Cooperative Extension would like to thank all our farmer cooperators from the 2026 On-Farm Corn Hybrid Demonstration Trials. We thank you for your time and willingness to cooperate with Clemson in the implementation, management, and harvest of these plots on your farm.

The 2026 Cooperator List is as follows:

Joe and Joey Oswald – Allendale County – Irrigated

Josh Johnson and Bates Houck – Calhoun County – Dryland

Russell Sharpe – Calhoun County - Irrigated

Dean Elmore – Lee County – Irrigated

Ty and Wes Woodard – Darlington County - Irrigated

Mickey and Bland Johnson– Clarendon County – Dryland

Mark and Tim Jolly and Mike Marlowe – Horry County – Dryland

Lee and Jimmie Lee Shaw – Newberry County – Dryland

Dean and Richard Hutto – Orangeburg County – Dryland

Clemson University Cooperative Extension would also like to thank all our industry sponsors and seedsman who were integral in the implementation of these trials and hybrid selection.

The 2026 Industry Participant List is as follows:

Bayer CropScience (DeKalb) – Will Henderson

Corteva Agriscience (Pioneer) – Garrett Lloyd

Growmark (FS) – Kyle Gettys

Nutrien Ag Solutions (Dyna-Gro) – Dick Thomas

Revere – Kelly Price

The Corn Hybrid Demonstration Trial Coordinator would also like to thank the Clemson University Cooperative Extension Agronomic Agents for all the help with cooperator selection, trial implementation, data collection, and harvest.

Participating Clemson Agronomists:

Rogan Gibson – Allendale County

Zach Dantzler – Calhoun County

Hannah Mikell – Clarendon County

Andrew Chapman - Darlington County

William Hardee – Horry County

David Dewitt – Lee County

Jay Crouch – Newberry County

Jonathan Croft – Orangeburg County

Summary:

To provide South Carolina corn growers with up-to-date hybrid information, the Clemson University Cooperative Extension Service will be conducting on-farm corn hybrid demonstrations in the 2026 growing season. This year, we invited companies to participate and enter commercially available hybrids into irrigated and non-irrigated on-farm demonstrations throughout South Carolina. The objective of the trial is to assist growers with hybrid selection and to generate unbiased hybrid information from a production setting that can be shared throughout the region. The number of hybrid entries allowed per company was determined by market share and at the trial coordinator's discretion. All participating seed companies were allowed to submit two hybrids per location.

Methodology:

In 2026, 11 trial locations (5 irrigated and 6 non-irrigated) were implemented on farms across South Carolina. Each location served as a single replication of the test for both the irrigated and non-irrigated trials, with approximately 5 reps per trial. Companies select and submit different hybrids depending on which hybrid they wish to include in the irrigated or non-irrigated locations.

Management of the trial was left solely to the cooperators so that it would be consistent with local production practices. Harvest was conducted using the cooperators combine, and weights were measured with an SC Department of Agriculture-certified and calibrated grain cart. A sample of each harvested hybrid was collected for moisture and test weight. Yield calculations were corrected to 15.5% moisture for all hybrids. Plant height and ear height data were also collected at several locations before harvest and are reported in the final report.

All data will be publicly shared, including company name, hybrid name/number, trial location, production practices (row spacing, seed rate, etc.), irrigation status, grain yield, moisture, and test weight.

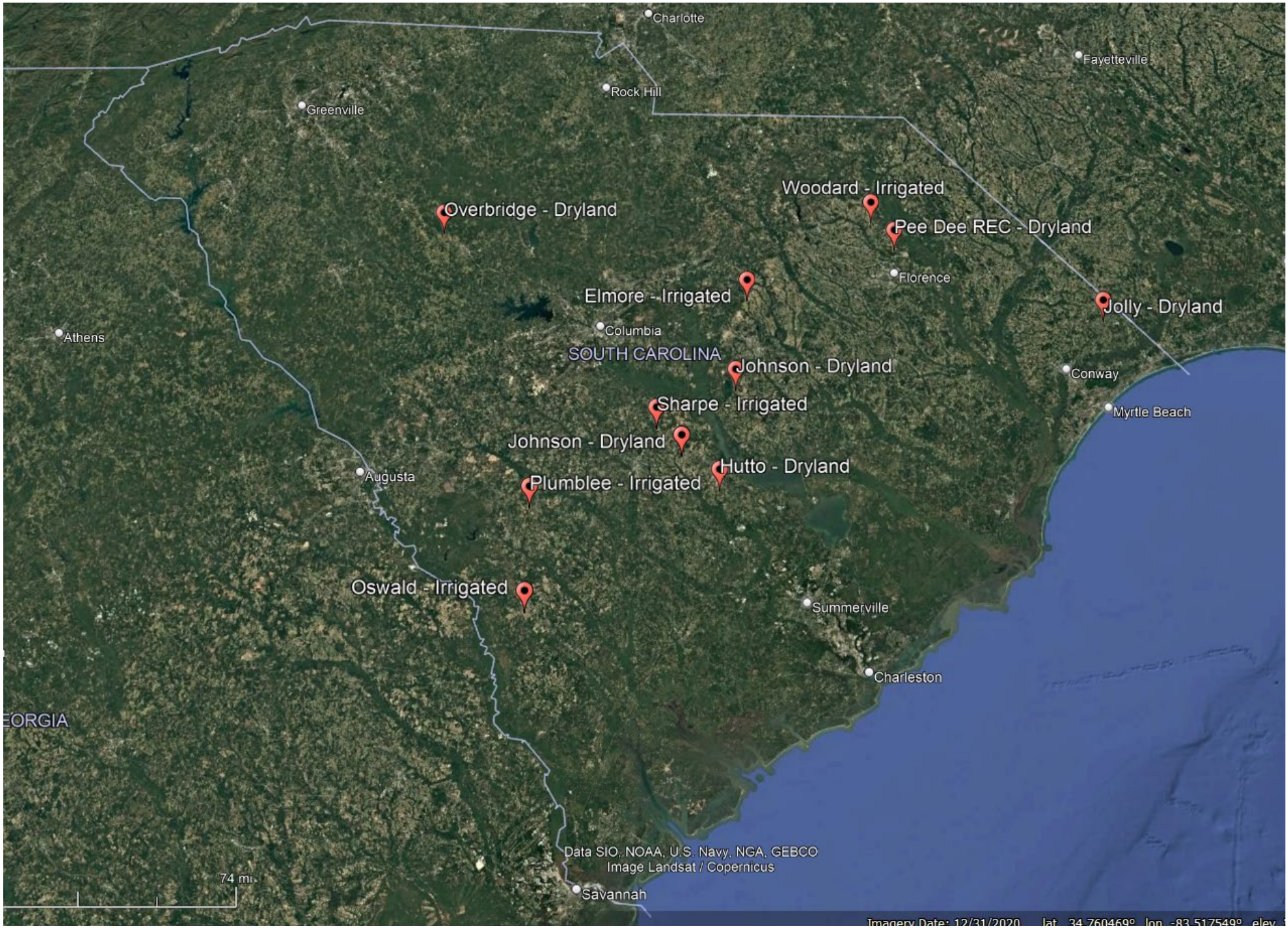
Contact Information:

Dr. Michael Plumblee, Extension Corn and Soybean Agronomist at Clemson University, is the Corn Hybrid Demonstration Trial coordinator. If you have any questions, please contact him directly at mplumbl@clemson.edu.

If you are a seed company/representative who would like more information about these trials or would like to receive our invitation to participate and have not already been contacted, please let us know.

Thank you to the South Carolina Corn Board For Funding this Work

South Carolina CORN BOARD


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Greenville
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Data SIO, NOAA, U.S. Navy, NGA, GEBCO
Image Landsat / Copernicus
74 mi
Savannah
Imagery Date: 12/31/2020 lat 34.760469° lon -83.517549° elev

CLEMSON
CORN & SOYBEAN AGRONOMY

2026 Corn Hybrid Demonstration Results – Allendale

Coordinator: Dr. Michael Plumblee, Corn and Soybean Specialist

Clemson Agronomist: Rogan Gibson

Grower: Joe and Joey Oswald

Location: Allendale – Irrigated – **Soil Texture**: Loamy Sand

Planting Date: 3/13/2026 - **Harvest Date**: 8/11/2026

Row Spacing: 30-inch (Strip-till) – **Seed Rate**: 30k seed/acre

Brand	Hybrid Name	Plant Height (Feet)	Ear Height (Feet)	Moisture (%)	Test Weight (lb/bu)	Yield (bu/ac) – Adjusted to 15.5%
DeKalb	DKC 70-45	10.2	5.2	16.7	58.8	267.63
Revere	R 1839 TC	12.9	4.1	17.3	57.5	266.93
DeKalb	DKC 68-35	10.3	4.2	16.4	57.5	258.59
Revere	R 113-T73	10.0	4.2	16.4	56.8	255.99
Pioneer	P15395PWE	10.7	4.5	16.3	57.3	255.89
Dyna-Gro	DG 60TC45	9.6	4.9	18.3	55.3	254.90
Pioneer	P18216PWE	11.3	5.7	16.7	56.1	250.85
Pioneer	P16647PWE	11.3	4.9	17.1	59.6	245.85
Dyna-Gro	DG 52TC66	10.0	4.4	16.6	59.2	243.46
DeKalb	DKC 112-35	10.2	4.9	16.5	58.1	233.57

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2026 Corn Hybrid Demonstration Results – Woodrow

Coordinator: Dr. Michael Plumblee, Corn and Soybean Specialist

Clemson Agronomist: David DeWitt

Grower: Dean Elmore

Location: Woodrow – Irrigated – **Soil Texture**: Loamy Sand

Planting Date: 4/1/2026 - **Harvest Date**: 8/24/2026

Row Spacing: 30-inch (Strip-till) – **Seed Rate**: 30k seed/acre

Brand	Hybrid Name	Plant Height (Feet)	Ear Height (Feet)	Moisture (%)	Test Weight (lb/bu)	Yield (bu/ac) – Adjusted to 15.5%
DeKalb	DKC 68-35	8.9	4.0	18.6	60.2	278.25
Progeny	PGY 2419TRE	10.0	5.3	19.2	56.5	274.94
Growmark	FS 6447T	9.6	4.3	17.9	58.7	274.59
Growmark	FS 6947T	9.4	4.4	18	55.4	273.25
Revere	R 1839 TC	9.7	4.9	19.1	55.1	272.32
Revere	R 113-T73	9.3	0.3	17.3	58.8	271.15
Dyna-Gro	DG 60TC45	9.8	4.6	19.1	56.1	270.83
Pioneer	P15395PWE	9.4	3.9	15.1	57.1	268.33
DeKalb	DKC 70-45	8.9	3.7	19	58.8	267.93
Pioneer	P18216PWE	9.6	4.7	17.6	57.7	259.42
Dyna-Gro	DG 52TC66	9.4	3.8	16.0	59.9	247.18

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CORN & SOYBEAN AGRONOMY

2026 Corn Hybrid Demonstration Results – Darlington

Coordinator: Dr. Michael Plumblee, Corn and Soybean Specialist

Clemson Agronomist: Andrew Chapman

Grower: Wes and Ty Woodard

Location: Darlington – Irrigated – **Soil Texture**: Loamy Sand

Planting Date: 3/31/2026 - **Harvest Date**: 8/26/2026

Row Spacing: 30-inch (Strip-till) – **Seed Rate**: (VR)

Brand	Hybrid Name	Plant Height (Feet)	Ear Height (Feet)	Moisture (%)	Test Weight (lb/bu)	Yield (bu/ac) – Adjusted to 15.5%
DeKalb	DKC 68-35	8.7	4.1	17.6	61.7	247.58
Dyna-Gro	DG 60TC45	8.9	4.1	17.7	57.3	244.65
Growmark	FS 6447T	8.9	4.0	16.9	59.1	236.26
Pioneer	P15395PWE	9.0	4.2	16.3	57	232.85
Growmark	FS 6947T	9.0	4.7	18.8	56.9	232.42
Revere	R 1839TC	8.8	4.1	18.3	56.4	230.41
Pioneer	P18216PWE	8.7	4.1	17.6	58.8	229.93
DeKalb	DKC 70-45	8.8	3.8	18.1	59	229.75
Revere	R 113-T73	9.0	4.0	16.4	56.4	226.48
Dyna-Gro	DG 52TC66	8.2	3.3	16.2	58.9	205.20

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2026 Corn Hybrid Demonstration Results – St. Matthews

Coordinator: Dr. Michael Plumblee, Corn and Soybean Specialist

Clemson Agronomist: Jonathan Croft

Grower: Russell Sharpe

Location: St. Matthews – Irrigated – **Soil Texture**: Loamy fine sand

Planting Date: 4/23/2026 - **Harvest Date**: 9/24/2026

Row Spacing: 30-inch (Strip-till) – **Seed Rate**: 28k seed/acre

Brand	Hybrid Name	Plant Height (Feet)	Ear Height (Feet)	Moisture (%)	Test Weight (lb/bu)	Yield (bu/ac) – Adjusted to 15.5%
Growmark	FS 6947T	9.0	4.7	15.0	59.9	185.23
DeKalb	DKC 68-35	8.3	3.7	15.0	59.3	181.53
Dyna-Gro	DG 60TC45	8.7	4.3	14.5	52.9	180.46
Revere	R1839	8.7	4.2	15.2	54.8	176.70
Dyna-Gro	DG 55VC86	8.6	4.1	14.7	58	176.45
Revere	R113-T73	8.8	4.1	15.5	55.3	175.19
DeKalb	DKC 70-45	8.8	4.1	14.9	60.4	174.63
Pioneer	P15395	8.6	3.6	15.1	57	165.22
Growmark	FS 6447T	8.8	3.9	15.4	53.4	155.51
Pioneer	P18216	8.5	3.7	15.0	59.6	154.76

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2026 Corn Hybrid Demonstration Results – Blackville

Coordinator: Dr. Michael Plumblee, Corn and Soybean Specialist

Clemson Agronomist: Michael Plumblee

Grower: Michael Plumblee

Location: Blackville – Irrigated – **Soil Texture**: Sandy Loam

Planting Date: 3/27/2026 - **Harvest Date**: 8/25/2026

Row Spacing: 38-inch (Strip-till) – **Seed Rate**: 26k seed/acre

Brand	Hybrid Name	Plant Height (Feet)	Ear Height (Feet)	Moisture (%)	Test Weight (lb/bu)	Yield (bu/ac) – Adjusted to 15.5%
Dyna-Gro	DG 60TC45	8.2	3.8	14.4	58.5	212.47
Growmark	FS 6447T	7.8	2.8	14.2	58.6	192.07
Pioneer	P15395PWE	7.5	3.2	13.8	58.5	189.98
DeKalb	DKC 68-35	8.1	3.2	14.2	58.9	188.96
Growmark	FS 6947T	8.3	3.6	14.5	57.5	185.10
Revere	R 113-T73	8.6	3.2	14.7	58.1	183.74
Revere	R 1839TC	7.8	3.2	14.3	57.2	169.03
DeKalb	DKC 70-45	7.5	2.9	14.1	58.6	166.10
Pioneer	P18216PWE	7.5	3.0	14.4	58.5	159.46
Dyna-Gro	DG 52TC66	7.2	2.3	13.7	57.7	156.97

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CORN & SOYBEAN AGRONOMY

2026 Corn Hybrid Demonstration Results - Cameron

Coordinator: Dr. Michael Plumblee, Corn and Soybean Specialist

Location: Cameron – Dryland – **Soil Texture**: Loamy sand

Clemson Agronomist: Zach Dantzler

Planting Date: 4/3/2026 - **Harvest Date**: 9/1/2026

Grower: Josh Johnson and Bates Houck

Row Spacing: 30-inch (Strip-Till) – **Seed Rate**: 22.5k seed/acre

Brand	Hybrid Name	Plant Height (Feet)	Ear Height (Feet)	Moisture (%)	Test Weight (lb/bu)	Yield (bu/ac) – Adjusted to 15.5%
Revere	R 1839TC	6.9	2.8	18.1	54.7	112.82
DeKalb	DKC 68-35	6.6	2.6	16.9	55.4	111.62
Pioneer	P15395PWE	7.3	2.9	16	56.6	108.17
Dyna-Gro	DG 52TC66	7.4	3.1	17.3	54.3	101.58
Growmark	FS 6447T	6.8	2.6	16	57.3	100.18
DeKalb	DKC 70-45	7.3	3.0	18.1	56.7	97.90
Pioneer	P18216PWE	7.3	2.7	15.7	58.2	91.97
Growmark	FS 6947T	7.7	3.2	17.7	56.6	86.09
Dyna-Gro	DG 60TC45	7.4	3.4	17.7	56.8	81.09
Revere	R 113-T73	6.6	2.4	16.4	57.3	72.32

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2026 Corn Hybrid Demonstration Results - Loris

Coordinator: Dr. Michael Plumblee, Corn and Soybean Specialist

Clemson Agronomist: William Hardee

Grower: Mark and Tim Jolly and Michael Marlowe

Location: Loris – Dryland – **Soil Texture**: Loamy fine sand

Planting Date: 4/7/2026 - **Harvest Date**: 10/1/2026

Row Spacing: 36-inch (Strip-till) – **Seed Rate**: 28k seed/acre

Brand	Hybrid Name	Plant Height (Feet)	Ear Height (Feet)	Moisture (%)	Test Weight (lb/bu)	Yield (bu/ac) – Adjusted to 15.5%
Revere	R 1839TC	7.9	3.4	14.0	57.9	127.68
DeKalb	DKC 68-35	8.4	3.4	14.0	57.6	122.49
Dyna-Gro	DG 52TC66	8.4	2.8	14.0	56.3	120.31
Revere	R 113-T73	8.4	3.3	13.9	56.6	120.00
Growmark	FS 6947T	9.0	4.1	13.6	57.9	119.14
Dyna-Gro	DG 60TC45	8.8	4.0	14.4	57.7	118.81
Growmark	FS 6447T	8.4	3.3	15.5	57.1	118.65
DeKalb	DKC 70-45	8.3	3.8	14.5	59.4	117.11
Pioneer	P15395PWE	8.1	3.1	13.9	56.8	110.69
Pioneer	P18216PWE	7.9	3.1	13.7	57.9	110.39

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2026 Corn Hybrid Demonstration Results – Holly Hill

Coordinator: Dr. Michael Plumblee, Corn and Soybean Specialist

Location: Holly Hill – Dryland – **Soil Texture**: Loamy sand

Clemson Agronomist: Jonathan Croft

Planting Date: 4/10/2026 - **Harvest Date**: 8/26/2026

Grower: Dean and Richard Hutto

Row Spacing: 36-inch (Strip-till) – **Seed Rate**: 22.5k seed/acre

Brand	Hybrid Name	Plant Height (Feet)	Ear Height (Feet)	Lodging (1-10) 1 Flat 10 Standing	Moisture (%)	Test Weight (lb/bu)	Yield (bu/ac) – Adjusted to 15.5%
Revere	R 1839TC	8.3	3.9	9	18.2	56.2	122.70
DeKalb	DKC 68-35	8.1	3.7	8	17.2	56.9	111.10
Growmark	FS 6447T	8.0	3.2	7	16.9	57.5	110.86
DeKalb	DKC 70-45	7.4	3.1	5	18.6	57	108.34
Pioneer	P18216PWE	7.9	3.5	7	15.6	58.2	102.22
Revere	R 113-T73	7.5	3.3	8	16.4	57.1	101.89
Dyna-Gro	DG 52TC66	8.1	3.4	7	16	57.2	94.12
Growmark	FS 6947T	8.2	3.8	7	17.8	54.8	92.35
Dyna-Gro	DG 60TC45	8.4	4.1	9	18.7	53.1	86.34
Pioneer	P15395PWE	8.1	3.6	2	16.2	55	41.47

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2026 Corn Hybrid Demonstration Results – Florence

Coordinator: Dr. Michael Plumblee, Corn and Soybean Specialist

Clemson Agronomist: Andrew Chapman

Grower: Brandon Rogers

Location: Florence – Dryland – **Soil Texture**: Sandy loam

Planting Date: 3/31/2026 - **Harvest Date**: 8/25/2026

Row Spacing: 30-inch (Strip-till) – **Seed Rate**: 26k seed/acre

Brand	Hybrid Name	Plant Height (Feet)	Ear Height (Feet)	Moisture (%)	Test Weight (lb/bu)	Yield (bu/ac) – Adjusted to 15.5%
DeKalb	DKC 68-35	7.6	3.5	15.8	57.5	83.83
Pioneer	P15395PWE	5.6	3.4	14.8	55.7	74.42
Dyna-Gro	DG 55VC86	6.1	2.9	15	56.3	72.65
Revere	R 113-T73	5.3	3.2	15.4	53.8	71.91
DeKalb	DKC 70-45	5.1	2.9	15.9	57.2	71.68
Revere	R 1839TC	7.3	3.8	15.5	56.8	70.83
Pioneer	P18216PWE	5.3	3.5	15	56.2	70.45
Dyna-Gro	DG 60TC45	6.8	4.1	15.9	56.8	67.34
Growmark	FS 6947T	6.5	3.9	15.7	55.2	65.72
Growmark	FS 6447T	6.9	3.4	15.5	56.1	63.10

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2026 Corn Hybrid Demonstration Results – Newberry

Coordinator: Dr. Michael Plumblee, Corn and Soybean Specialist

Location: Newberry – Dryland – **Soil Texture**: Sandy Loam

Clemson Agronomist: Jay Crouch

Planting Date: 4/1/2026 - **Harvest Date**: 9/15/2026

Grower: Jimmie Lee and Lee Shaw

Row Spacing: 30-inch (Min. Till) – **Seed Rate**: 26k seed/acre

Brand	Hybrid Name	Plant Height (Feet)	Ear Height (Feet)	Moisture (%)	Test Weight (lb/bu)	Yield (bu/ac) – Adjusted to 15.5%
Pioneer	P15395PWE	6.7	3.0	14.7	60.1	215.14
DeKalb	DKC 70-45	7.0	3.7	15	61.6	210.16
Dyna-Gro	DG 60TC45	7.0	3.4	15.4	58.1	199.66
Growmark	FS 6947T	7.1	4.1	15.2	58.4	199.02
Pioneer	P18216PWE	7.4	3.4	14.6	60.8	195.79
Revere	R 113-T73	7.3	3.0	15	60.9	191.35
Revere	R 1839TC	7.2	3.5	15.5	58.5	190.27
Growmark	FS 6447T	6.9	3.4	14.9	60.8	186.11
DeKalb	DKC 68-35	6.8	2.9	14.8	61.4	185.59
Dyna-Gro	DG 55VC86	7.0	3.3	14.9	60.6	183.84

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2026 Corn Hybrid Demonstration Results – Rimini

Coordinator: Dr. Michael Plumblee, Corn and Soybean Specialist

Clemson Agronomist: Hannah Mikell

Grower: Bland and Mickey Johnson

Location: Rimini – Dryland – **Soil Texture**: Sandy Loam

Planting Date: 3/31/2026 - **Harvest Date**: 8/20/2026

Row Spacing: 30-inch (Strip-till) – **Seed Rate**: 27k seed/acre

Brand	Hybrid Name	Plant Height (Feet)	Ear Height (Feet)	Moisture (%)	Test Weight (lb/bu)	Yield (bu/ac) – Adjusted to 15.5%
DeKalb	DKC 70-45	9.0	3.6	15.4	62.2	162.55
Dyna-Gro	DG 60TC45	9.1	3.7	15.2	59.2	160.07
Dyna-Gro	DG 55VC86	8.8	3.6	13.2	59.8	148.48
Growmark	FS 6447T	8.6	3.3	14.1	60.5	144.39
DeKalb	DKC 68-35	8.2	3.3	13.6	60.4	143.75
Growmark	FS 6947T	8.8	3.8	15.5	58.8	143.68
Revere	R 113-T73	8.1	2.6	14.3	59.1	142.83
Revere	R 1839TC	9.1	3.9	15.3	58	141.65
Pioneer	P15395PWE	9.1	3.9	13.9	58.9	140.19
Pioneer	P18216PWE	9.2	3.6	14.3	59.8	127.11