

Provisional Maize PACTS

Trial results for 2026/2027

November 2025



PIONEER



CORTEVA
agriscience

PACTS Trials Information



The purpose of PACTS® Trials

Whether a particular maize hybrid realises its full genetic potential depends largely upon how well it is adapted to the local environment and how successfully it is managed. The PACTS Trial Results are provided to help growers identify which Pioneer hybrids may be suited to their own location and circumstances.

Trial protocols, including sowing and harvest date determination, reflect actual practice on the host farm. The absolute yields reported reflect the yield of the harvested plot only. Corresponding field yields will likely be significantly lower due to the inclusion of lower yielding headlands and normal field variability.

Layout

Each PACTS Trial is established within a commercial crop of maize and is planted and harvested by the host farmer with the assistance of Pioneer staff. The trial receives the same treatments as the entire field. A PACTS® trial is generally comprised of between 15 and 20 plots. The plots are planted in identically sized marked areas adjacent to each other across a uniform part of the selected field. Each plot is typically 6 or 8 rows wide, and usually 50 metres in length. At some locations, every fourth strip is the same hybrid and is planted to the Control variety. Repeated Control plots provide data that enables allowance to be made for the effect of varying soil conditions across a trial. In 2025 the Control hybrid for open forage sites was the hybrid P7034.

Sites

Each trial site is classified as being Favourable or Less Favourable depending upon the heat accumulation that would typically be measured at that location. Growers should always seek appropriate advice to determine whether a particular field is suitable for maize production, and if so, whether it can be classed as favourable or less favourable. The results from individual trials are detailed, occasionally due to space restrictions occasionally some trials are not shown. The results from any trial not shown are available on request.

Competitor Hybrids

In some trials a selection of varieties from competitor companies, that have been widely grown commercially in recent years, are included in the layout. The competitor hybrids used in 2025 were Gema, Conclusion, Saxon, KWS Pasco and KWS Cito.

Analysis

Every PACTS plot is sampled at harvest for dry matter and full quality analysis. Tested parameters include dry matter content, starch content, whole plant digestibility, neutral detergent fibre (NDF) and rumen degradable starch.

Maize Hybrid Selection

The selection of a particular hybrid for cultivation inevitably varies according to the different criteria a grower has. In many situations yield is of paramount importance but earliness of maturity and silage quality are examples of other important quality factors. No single hybrid will suit all situations.

The following factors are just a few of key ones that can have a major impact on the quantity and quality of the maize crop produced.

The Environment	Genetics	Crop Husbandry
Latitude	Yield potential	Seedbed quality
Soil type	Early vigour	Drilling date
Altitude	Disease resistance	Planting population
Aspect	Maturity	Fertiliser policy
Shelter	Standing power	Use of The Samco System
Crop Quality	Crop Handling	End Use
Starch content	Chop length	Fed as silage or grain
Wholeplant digestibility	Kernel processing	For biogas production
Rumen degradable starch	Silage compaction	Supplementation
Yeast and mould content	Silage sealing	Consistency
Fibre digestibility	Effluent	Yeast and mould content

Growing a successful maize crop depends upon selecting a hybrid with the most appropriate genetic potential, growing it on an appropriate site and managing it in a manner that will meet the chosen objectives.

Hybrid Agronomic Descriptions

PACTS Hybrid Maize Agronomic Descriptions											
Hybrid	PACTS Multi Year Average Silage Dry Matter Content, Open Sites	FAO# Maturity Ratings Scale based on PACTS Results	Relative Silage Maturity Description	Stover Dry-Down Approaching Physiological Maturity	Soil Type Adaption			Relative Early Vigour Description	Relative Lodging Resistance	Relative Eyespot Resistance Rating* (1-9)	Grain Endosperm Texture, Score & Description
					Light	Medium	Heavy				
P68106 - NEW	40.5%	160	EXTRA EARLY	FAST	✓	✓	✓	EXTREMELY GOOD	VERY GOOD	8.4	4/5, DENT LIKE
P7179	39.3%	170	EXTRA EARLY	FAST	✓	✓	✓	VERY GOOD	VERY GOOD	8.0	2/5, FLINT LIKE
P7326	37.9%	180	EXTRA EARLY	FAST	✓	✓	✓	VERY GOOD	GOOD	6.2	2/5 FLINT / FLINT DENT
P72847 - NEW	37.5%	180	EXTRA EARLY	VERY FAST	✓	✓	✓	VERY GOOD	MODERATE	7.0	2/5 FLINT-DENT
P7034	36.5%	180	VERY EARLY	MODERATE	✓	✓		GOOD	GOOD	5.4	4/5, DENT LIKE
P7381	35.7%	185	VERY EARLY	FAST	✓	✓	✓	GOOD	VERY GOOD	6.0	3/5, FLINT DENT
P7647	34.4%	190	EARLY	MODERATE	✓	✓		GOOD	GOOD	4.8	3/5, FLINT DENT
P7364	34.3%	210	INTERMEDIATE	FAST	✓	✓	✓	GOOD	VERY GOOD	7.0	2/5, FLINT LIKE
P7655	34.1%	220	INTERMEDIATE	MODERATE	✓	✓	✓	MODERATE	GOOD	5.5	4/5, DENT
P7948	33.6%	220	INTERMEDIATE	MODERATE	✓	✓		VERY GOOD	VERY GOOD	7.8	2/5, FLINT LIKE
P8200	31.7%	230	INTERMEDIATE	FAST	✓	✓	✓	VERY GOOD	GOOD	8.2	2/5, FLINT LIKE
DS1897B	31.5%	250	LATE	VERY SLOW	✓			GOOD	MODERATE	TBC	2/5, FLINT LIKE
Hybrid**	PACTS Multi Year Average Silage Dry Matter Content, Samco Sites	FAO# Maturity Ratings Scale based on PACTS Results	Relative Silage Maturity Description	Stover Dry-Down Approaching Physiological Maturity	Soil Type Adaption Guide			Relative Early Vigour Description	Relative Lodging Resistance	Relative Eyespot Resistance Rating* (1-9)	Grain Endosperm Texture, Score & Description
					Light	Medium	Heavy				
P8153	34.7%	230	LATE	MODERATE	✓	✓		GOOD	VERY GOOD	TBC	5/5, DENT
P8115	33.7%	230	LATE	SLOW	✓			GOOD	GOOD	TBC	4/5, DENT LIKE

Where ratings based on a 1 - 9 scale, higher rating indicates character is shown to a high degree

Food and Agriculture Organisation; lower number indicates earlier maturity

Experimental code prior to registration

* Rating derived from NIAB Official Trials Results and PACTS Trial Scores; TBC = To Be Confirmed

**Available in EU only

Maize PACTS Trial Provisional Results 2025



Historical Forage PACTS Trials Control Hybrid Results Summary

Year	Fresh Weight Yield (Tonnes / Hectare)	Dry Matter (%)	Dry Matter Yield (Tonnes / Hectare)	Starch (%)	Starch Yield Converted to Grain (Tonnes / Hectare at 15% Moisture)	Sugar (%)	Whole Plant Digestibility (%)	Neutral Detergent Fibre (%)	Number of Sites	Number of Less Favourable Sites	Number of Favourable Sites
2025	36.941	40.0	14.762	39.7	8.952	3.1	78.7	36.6	16	8	8
2024	42.760	31.3	13.405	33.7	6.913	2.4	71.8	42.6	23	13	10
2023	43.062	38.3	16.500	36.2	9.149	2.4	75.1	40.9	17	8	9
2022	34.778	38.2	13.400	40.5	8.093	1.4	77.2	35.5	17	8	9
2021	42.295	35.0	17.300	35.3	9.306	2.8	75.2	59.4	15	9	6
2020	45.488	35.7	16.254	30.9	7.692	5.2	67.6	40.6	16	8	8
2019	43.243	39.3	17.000	34.7	9.019	4.5	68.8	41.4	19	9	10
2018	41.295	37.0	14.800	31.5	7.130	3.8	69.6	41.4	14	8	6
2017	48.662	35.8	18.000	32.6	8.975	5.1	70.4	37.9	19	9	10
2016	47.607	35.8	17.043	33.2	8.660	5.6	70.4	40.9	14	8	6
2015	47.603	31.9	15.163	25.0	5.807	9.8	69.5	43.2	15	8	7
2014	47.822	36.2	17.300	34.1	9.022	5.4	68.8	40.5	18	9	9
2013	44.695	35.6	15.906	35.3	8.587	4.0	71.6	38.9	13	6	7
2012	37.966	32.4	12.300	29.4	5.531	4.9	70.1	43.0	12	4	8
2011	48.100	33.1	15.950	31.1	7.586	2.1	70.1	43.6	14	6	8
2010	45.994	33.7	15.500	36.2	8.582	1.4	70.6	41.7	10	3	7
Average	43.644	35.6	15.661	33.7	8.063	4.0	71.6	41.8	16	8	8

NOTE: All trials included in this summary were grown in the open in the UK or Ireland

Multi Year Forage Summaries Grown in the Open 2022-2025



Favourable PACTS Sites Summary, Whole Plant Forage, 2022 - 2025

Number of Years Tested	Number of Sites	Fresh Yield (t/ha)	Dry Matter (%)	Hybrid	Yield (Tonnes Dry Matter/Hectare)	Whole Plant Digestibility (%)	Starch Yield Converted to Grain at 15% Moisture (t/ha)	Dry Matter Yield Advantage / Disadvantage Vs Control (%)
					0 2 4 6 8 10 12 14 16 18 20 22			
3	25	55.570	30.7%	DS1897B	33.6% 2% 115%	75%	8.776	15%
3	21	46.881	35.9%	P7655	35.9% 2% 113%	77%	9.245	13%
4	34	47.420	35.4%	P7948	36.1% 2% 113%	76%	9.286	13%
1	7	44.548	37.6%	conclusion*	38.0% 2% 113%	77%	9.742	13%
3	22	43.910	37.6%	resolute*	38.9% 2% 111%	77%	9.832	11%
4	19	49.452	33.4%	P8200	34.5% 2% 111%	76%	8.711	11%
4	35	45.372	36.2%	P7647	36.9% 2% 110%	77%	9.272	10%
4	34	44.193	36.7%	P7364	35.8% 2% 109%	76%	8.871	9%
3	22	40.595	39.5%	P72847	37.4% 2% 108%	77%	9.189	8%
4	34	43.237	37.0%	P7381	38.0% 2% 108%	76%	9.289	8%
3	24	41.175	38.3%	saxon*	37.6% 2% 106%	77%	9.066	6%
4	34	38.272	41.2%	P7179	39.3% 2% 106%	77%	9.474	6%
2	16	37.961	40.7%	kws pasco*	39.1% 1% 104%	77%	9.248	4%
1	7	36.918	41.3%	P68106 (HP)	38.3% 2% 102%	76%	8.929	2%
4	33	37.540	40.2%	P7326	38.6% 2% 101%	76%	8.913	1%
4	35	38.699	38.5%	P7034 (C)	37.8% 2% 100%	77%	8.600	0%
1	7	35.278	42.0%	gema*	41.2% 2% 100%	77%	9.332	0%
2	13	36.858	40.0%	kws calvini*	38.9% 2% 99%	76%	8.775	-1%
3	24	38.133	37.4%	prospect*	38.0% 2% 96%	77%	8.288	-4%
1	8	33.873	41.9%	P68106	39.0% 2% 95%	76%	8.453	-5%

■ Starch Yield & % ■ Sugar Yield & %
■ Stover Yield ■ Relative Dry Matter Yield Index (C = 100%)

C = Control Hybrid; * = Competitor Hybrid, HP = High Population

Less Favourable PACTS Sites Summary, Whole Plant Forage, 2022 - 2025

Number of Years Tested	Number of Sites	Fresh Yield (t/ha)	Dry Matter (%)	Hybrid	Yield (Tonnes Dry Matter/Hectare)	Whole Plant Digestibility (%)	Starch Yield Converted to Grain at 15% Moisture (t/ha)	Dry Matter Yield Advantage / Disadvantage Vs Control (%)
4	35	47.859	32.8%	P7647	35.1% 111%	76%	8.416	11%
4	36	44.159	34.5%	P7381	36.7% 108%	76%	8.557	8%
3	18	42.507	35.1%	saxon*	35.9% 106%	77%	8.197	6%
2	16	41.517	35.7%	P72847	35.1% 105%	76%	7.969	5%
2	11	39.859	36.7%	kws pasco*	37.5% 103%	76%	8.382	3%
4	24	45.586	32.0%	P7364	34.7% 103%	76%	7.721	3%
4	33	38.713	37.5%	P7179	38.3% 103%	76%	8.509	3%
1	6	36.458	39.8%	gema*	36.5% 103%	76%	8.097	3%
3	22	40.904	35.4%	prospect*	37.6% 102%	77%	8.335	2%
2	13	40.585	35.0%	kws calvini*	37.6% 101%	76%	8.169	1%
4	32	39.749	35.7%	P7326	37.2% 100%	76%	8.085	0%
4	38	40.709	34.7%	P7034 (C)	35.9% 100%	76%	7.771	0%
2	11	35.878	39.2%	P68106	36.1% 99%	75%	7.759	-1%
1	3	36.249	38.1%	P68106 (HP)	38.9% 98%	77%	8.218	-2%
2	5	25.919	42.9%	cito kws*	38.7% 79%	76%	6.580	-21%

■ Starch Yield & % ■ Sugar Yield & %
■ Stover Yield ■ Relative Dry Matter Yield Index (C = 100%)

C = Control Hybrid; * = Competitor Hybrid; HP = High Population

Predicted Methane Yields

Methane Gas Yield Predictions from PACTS Trials

Favourable Sites Grown In The Open						Less Favourable Sites Grown In The Open						Less Favourable Sites Grown Under The Samco System					
2022 - 2025						2022 - 2025						2014 - 2025					
Hybrid	Methane Yield*		Dry Matter %	No. Yrs Tested	No. Sites Tested	Hybrid	Methane Yield*		Dry Matter %	No. Yrs Tested	No. Sites Tested	Hybrid	Methane Yield*		Dry Matter %	No. Yrs Tested	No. Sites Tested
	Litres / ha	Litres / kg Dry Matter					Litres / ha	Litres / kg Dry Matter					Litres / ha	Litres / kg Dry Matter			
P7655	5,673,763	337	35.9%	3	21	P7647	5,278,291	336	32.8%	4	35	P8153	5,927,532	322	33.7%	4	5
DS1897B	5,665,889	332	30.7%	3	25	P7381	5,091,027	334	34.5%	4	36	P8115	5,893,353	316	34.7%	2	3
conclusion*	5,657,971	338	37.6%	1	7	saxon*	5,025,803	337	35.1%	3	18	P7655	5,781,726	317	41.1%	2	3
resolute*	5,619,317	340	37.6%	3	22	P72847	4,978,234	335	35.7%	2	16	P7647	5,387,361	319	37.2%	3	10
P7948	5,577,775	332	35.4%	4	34	kws pasco*	4,910,381	336	36.7%	2	11	P8201	5,344,886	312	31.4%	9	32
P7647	5,523,287	337	36.2%	4	35	prospect*	4,907,178	338	35.4%	3	22	P7948	5,327,013	317	34.4%	7	22
P8200	5,469,250	332	33.4%	4	19	P7179	4,891,087	336	37.5%	4	33	P8200 (C)	5,282,392	313	31.1%	11	57
P7364	5,416,710	334	36.7%	4	34	P7364	4,875,770	334	32.0%	4	24	P7381	5,086,081	315	37.0%	4	8
P72847	5,402,342	337	39.5%	3	22	gema*	4,854,303	335	39.8%	1	6	P7364	5,047,614	315	35.2%	5	16
P7381	5,341,606	334	37.0%	4	34	kws calvini*	4,763,959	335	35.0%	2	13	P7034	4,956,383	317	37.2%	9	33
saxon*	5,311,256	337	38.3%	3	24	P7326	4,756,288	335	35.7%	4	32	P7326	4,767,307	320	38.4%	11	43
P7179	5,304,013	337	41.2%	4	34	P7034 (C)	4,719,701	334	34.7%	4	38	P7179	4,766,186	321	41.0%	4	11
kws pasco*	5,194,832	336	40.7%	2	16	P68106	4,648,379	331	39.2%	2	11						
P68106 (HP)	5,073,853	333	41.3%	1	7	P68106 (HP)	4,648,188	337	38.1%	1	3						
P7326	5,038,672	334	40.2%	4	33	cito kws*	3,733,388	335	42.9%	2	5						
gema*	5,001,733	337	42.0%	1	7												
P7034 (C)	4,974,263	334	38.5%	4	35												
kws calvini*	4,936,037	335	40.0%	2	13												
prospect*	4,814,289	338	37.4%	3	24												
P68106	4,742,564	335	41.9%	1	8												

(C) = Control Hybrid; * = Competitor Hybrid; HP = High Population

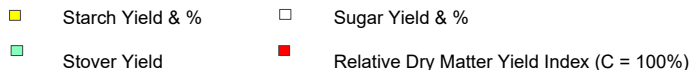
*** Methane yield figures are determined using a calculation based on the Weissbach formula and actual yield and quality results from the UK & Ireland PACTS® Trials. This formula predicts gas output based on the value of the key substrates in the forage prior to fermentation. The calculation of Fermentable Organic Dry Matter, or 'FoTs', is a key part of the formula and the FoTs is determined using quality data obtained from PACTS® trials.

Single Year Forage Summaries Grown in the Open 2025



Favourable PACTS Sites Summary, Whole Plant Forage, 2025

Number of Years Tested	Number of Sites	Fresh Yield (t/ha)	Dry Matter (%)	Hybrid	Yield (Tonnes Dry Matter/Hectare)	Whole Plant Digestibility (%)	Starch Yield Converted to Grain at 15% Moisture (t/ha)	Dry Matter Yield Advantage / Disadvantage Vs Control (%)
					0 2 4 6 8 10 12 14 16 18 20 22			
1	7	50.531	34.5%	DS1897B	34.2% 4% 116%	78%	9.142	16%
1	7	40.452	42.9%	P7364	38.1% 3% 115%	79%	10.114	15%
1	7	39.866	42.5%	conclusion*	39.9% 3% 113%	80%	10.364	13%
1	7	41.229	40.2%	P7655	36.3% 3% 110%	78%	9.221	10%
1	7	42.888	38.6%	P8200	36.5% 3% 110%	78%	9.237	10%
1	8	40.380	40.8%	P7948	37.7% 3% 109%	78%	9.502	9%
1	8	39.020	40.8%	P7647	37.6% 3% 106%	79%	9.157	6%
1	8	37.560	42.2%	saxon*	39.9% 3% 105%	80%	9.661	5%
1	8	36.681	43.2%	P72847	38.9% 3% 105%	79%	9.428	5%
1	8	34.495	45.4%	P7179	41.1% 3% 104%	79%	9.839	4%
1	8	35.924	43.3%	kws pasco*	41.3% 2% 103%	79%	9.839	3%
1	7	33.038	46.7%	P68106 (HP)	40.2% 2% 102%	78%	9.499	2%
1	8	33.854	45.4%	P7326	43.5% 3% 102%	80%	10.225	2%
1	8	37.211	40.5%	P7381	39.1% 2% 100%	78%	9.019	0%
1	8	34.631	43.5%	P7034 (C)	39.7% 3% 100%	79%	9.149	0%
1	7	31.570	47.6%	gema*	43.2% 2% 100%	80%	9.928	0%
1	8	30.312	47.4%	P68106	40.9% 3% 95%	79%	8.992	-5%



C = Control Hybrid; * = Competitor hybrid, HP = High Population

Less Favourable PACTS Sites Summary, Whole Plant Forage, 2025

Number of Years Tested	Number of Sites	Fresh Yield (t/ha)	Dry Matter (%)	Hybrid	Yield (Tonnes Dry Matter/Hectare)	Whole Plant Digestibility (%)	Starch Yield Converted to Grain at 15% Moisture (t/ha)	Dry Matter Yield Advantage / Disadvantage Vs Control (%)
					0 2 4 6 8 10 12 14 16 18 20 22			
1	7	41.547	37.4%	P72847	37.5% 3% 108%	78%	8.915	8%
1	3	40.139	38.3%	kws pasco*	41.0% 2% 107%	79%	9.645	7%
1	7	45.517	33.6%	P7647	35.4% 4% 106%	78%	8.259	6%
1	8	41.633	36.1%	P7381	39.2% 3% 104%	79%	9.006	4%
1	6	35.559	41.7%	gema*	40.3% 2% 103%	79%	9.123	3%
1	8	35.332	41.1%	P68106	39.3% 2% 101%	77%	8.741	1%
1	8	39.705	36.4%	P7034 (C)	39.6% 3% 100%	78%	8.756	0%
1	8	35.993	40.1%	P7179	39.3% 2% 100%	79%	8.675	0%
1	7	38.058	37.5%	P7326	39.6% 3% 99%	79%	8.658	-1%
1	3	35.355	39.9%	P68106 (HP)	42.9% 3% 98%	79%	9.260	-2%
1	5	37.606	36.2%	saxon*	37.3% 3% 94%	79%	7.756	-6%
1	3	29.755	41.4%	cito kws*	40.1% 2% 85%	79%	7.551	-15%

■ Starch Yield & % ■ Sugar Yield & %
■ Stover Yield ■ Relative Dry Matter Yield Index (C = 100%)

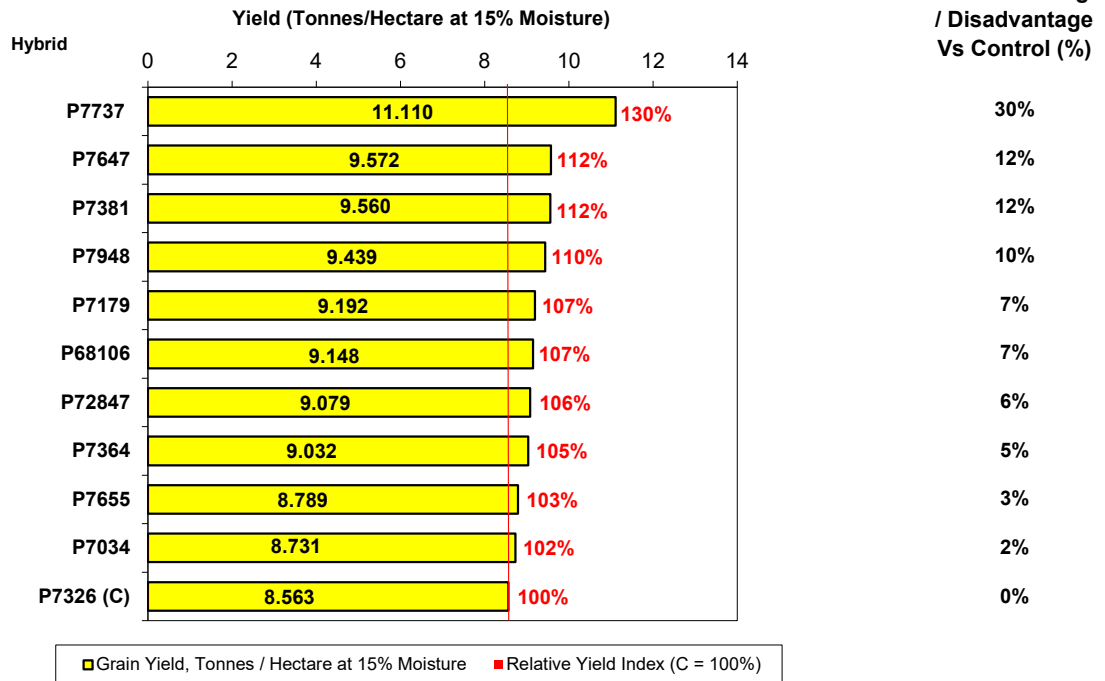
C = Control Hybrid; * = Competitor hybrid, ** = Hybrid trade name following official registration, HP = High Population

Multi Year Grain Summary Grown in the Open 2019-2025



**Grain Trials, Grown In The Open, Favourable Sites, England,
2019 - 2025**

Number of Years Tested	Number of Sites	Fresh Yield (t/ha)	Grain Moisture at Harvest (%)
1	6	14.132	33.2%
4	14	12.014	32.3%
3	13	11.601	30.0%
7	22	11.946	32.8%
4	15	11.043	29.2%
1	6	10.845	28.3%
2	7	11.330	31.9%
5	14	11.344	32.3%
3	9	11.306	33.9%
7	22	10.680	30.5%
7	25	10.368	29.8%



C = Control Hybrid

PACTS GRAIN STRIP TRIAL RESULTS

2019 - 2025

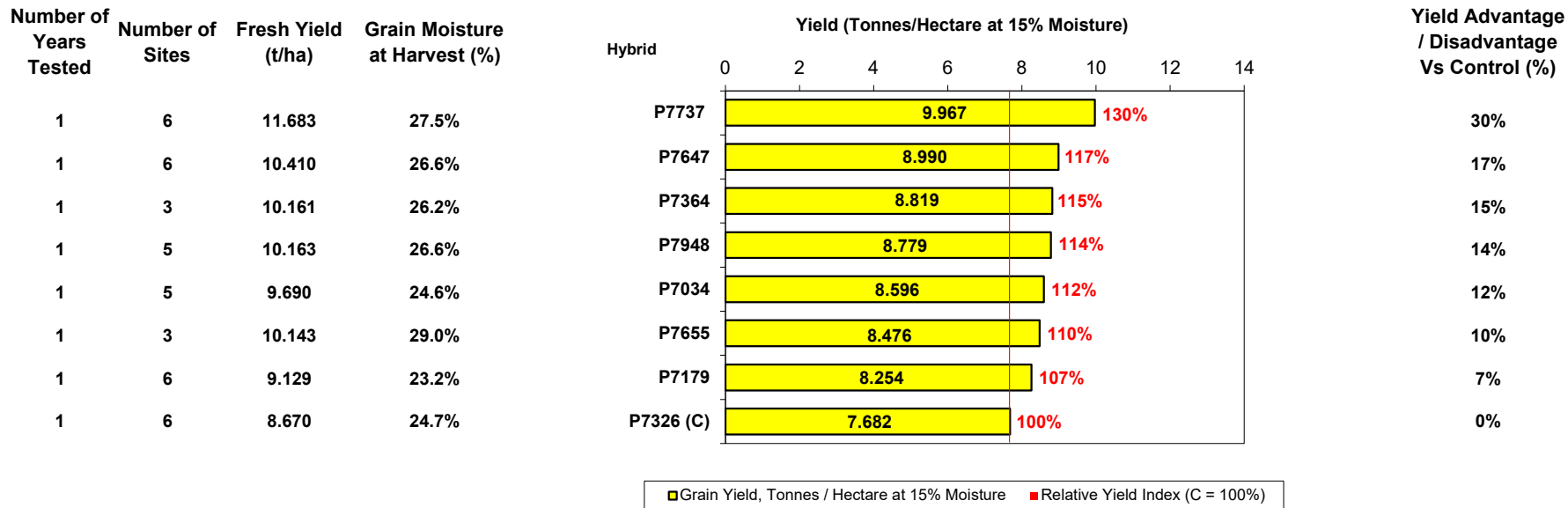
HYBRIDS GROWN IN THE OPEN, FAVOURABLE SITES, ENGLAND

HYBRID NAME	No. YEARS	No. Sites	Grain Moisture % at Harvest	Grain Yield, Tonnes / Hectare at 15% Moisture	Relative Yield Index (C = 100%)
P7737	1	6	33.2	11.110	130%
P7647	4	14	32.3	9.572	112%
P7381	3	13	30.0	9.560	112%
P7948	7	22	32.8	9.439	110%
P7179	4	15	29.2	9.192	107%
P68106	1	6	28.3	9.148	107%
P72847	2	7	31.9	9.079	106%
P7364	5	14	32.3	9.032	105%
P7655	3	9	33.9	8.789	103%
P7034	7	22	30.5	8.731	102%
P7326 (C)	7	25	29.8	8.563	100%

C = Control Hybrid

Single Year Grain Summary Grown in the Open

Grain Trials, Grown In The Open, Favourable Sites, England, 2025



C = Control Hybrid

PACTS GRAIN STRIP TRIAL RESULTS

2025

HYBRIDS GROWN IN THE OPEN, FAVOURABLE SITES, ENGLAND

HYBRID NAME	No. YEARS	No. Sites	Grain Moisture % at Harvest	Grain Yield, Tonnes / Hectare at 15% Moisture	Relative Yield Index (C = 100%)
P7737	1	6	27.5	9.967	130%
P7647	1	6	26.6	8.990	117%
P7364	1	3	26.2	8.819	115%
P7948	1	5	26.6	8.779	114%
P7034	1	5	24.6	8.596	112%
P7655	1	3	29.0	8.476	110%
P7179	1	6	23.2	8.254	107%
P7326 (C)	1	6	24.7	7.682	100%

C = Control Hybrid

Provisional Maize PACTS

Trial results for 2026/2027

November 2025



PIONEER



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