

Provisional Maize PACTS

2024 trial results

November 2024



PIONEER



CORTEVA[™]
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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 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 designated as the Control variety. Repeated Control plots provide data that enables allowance to be made for variation of soil conditions across a trial. In 2024 the Control hybrid 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 selected trials three or four varieties from competitor companies, that have been widely grown commercially in recent years, are included in the layout. The competitor hybrids used in 2024 were Prospect, KWS Pasco, Saxon and Resolute.

Analysis

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

Hybrid Agronomic Description

PACTS Hybrid Maize Agronomic Descriptions 2025

Hybrid	PACTS 4 Year Average Silage Dry Matter Content (All 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)
					Light	Medium	Heavy			
1076D035-01^{##}	40.6%	160	EXTRA EARLY	<i>FAST</i>	✓	✓	✓	<i>VERY GOOD</i>	<i>VERY GOOD</i>	5.4
P7179	38.6%	170	EXTRA EARLY	<i>FAST</i>	✓	✓	✓	<i>VERY GOOD</i>	<i>VERY GOOD</i>	8.0
P7326	37.2%	180	EXTRA EARLY	<i>FAST</i>	✓	✓	✓	<i>VERY GOOD</i>	<i>GOOD</i>	6.2
P7034	36.3%	180	VERY EARLY	<i>MODERATE</i>	✓	✓		<i>GOOD</i>	<i>GOOD</i>	5.4
P7381	35.6%	185	VERY EARLY	<i>FAST</i>	✓	✓	✓	<i>GOOD</i>	<i>VERY GOOD</i>	6.0
P7647	34.3%	190	EARLY	<i>MODERATE</i>	✓	✓		<i>GOOD</i>	<i>GOOD</i>	4.8
P7364	33.5%	210	INTERMEDIATE	<i>FAST</i>	✓	✓	✓	<i>GOOD</i>	<i>VERY GOOD</i>	7.0
P7655	33.6%	220	INTERMEDIATE	<i>MODERATE</i>	✓	✓	✓	<i>MODERATE</i>	<i>GOOD</i>	5.5
P7948	32.7%	230	INTERMEDIATE	<i>MODERATE</i>	✓			<i>VERY GOOD</i>	<i>VERY GOOD</i>	7.8
P8200	30.9%	230	INTERMEDIATE	<i>FAST</i>	✓	✓	✓	<i>VERY GOOD</i>	<i>GOOD</i>	8.2
P8201	28.6%	230	LATE	<i>MODERATE</i>	✓			<i>VERY GOOD</i>	<i>VERY GOOD</i>	6.5
P8153^{**}	28.1%	230	LATE	<i>MODERATE</i>	✓	✓		<i>GOOD</i>	<i>VERY GOOD</i>	<i>TBC</i>
DS1959C	29.9%	250	LATE	<i>VERY SLOW</i>	✓			<i>GOOD</i>	<i>MODERATE</i>	<i>TBC</i>
DS1897B	29.0%	250	LATE	<i>VERY SLOW</i>	✓			<i>GOOD</i>	<i>MODERATE</i>	<i>TBC</i>

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 PACTS Trials and UK Official Trials Results; TBC = To Be Confirmed

^{**} Available only in Ireland

Maize PACTS Trial Results 2024 Provisional Results

Historical Forage PACTS® Trials Results Summary

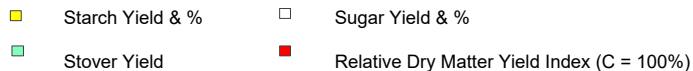
Year	Control Hybrid	Fresh Weight Yield (Tonnes / Hectare)	Dry Matter (%)	Dry Matter Yield (Tonnes / Hectare)	Starch (%)	Starch Yield Converted to Grain (Tonnes / Hectare at 15% Moisture)	Sugar (%)	Whole Plant Digestibility (%)	Neutral Detergent Fibre (%)	Number of Sites
2024	P7034	43.360	31.3	13.6	33.9	7.029	2.4	71.7	42.3	21
2023	P7034	43.062	38.3	16.5	36.2	9.149	2.4	75.1	40.9	17
2022	P7034	34.778	38.2	13.4	40.5	8.093	1.4	77.2	35.5	17
2021	P7892	42.295	35.0	17.3	35.3	9.306	2.8	75.2	59.4	15
2020	P7892	45.488	35.7	16.3	30.9	7.692	5.2	67.6	40.6	16
2019	P7892	43.243	39.3	17.0	34.7	9.019	4.5	68.8	41.4	19
2018	P7892	41.295	37.0	14.8	31.5	7.130	3.8	69.6	41.4	14
2017	P7892	48.662	35.8	18.0	32.6	8.975	5.1	70.4	37.9	19
2016	P7892	47.607	35.8	17.0	33.2	8.660	5.6	70.4	40.9	14
2015	PR39V43	47.603	31.9	15.2	25.0	5.807	9.8	69.5	43.2	15
2014	PR39V43	47.822	36.2	17.3	34.1	9.022	5.4	68.8	40.5	18
2013	PR39V43	44.695	35.6	15.9	35.3	8.587	4.0	71.6	38.9	13
2012	PR39V43	37.966	32.4	12.3	29.4	5.531	4.9	70.1	43.0	12
2011	JUSTINA	48.100	33.1	15.9	31.1	7.586	2.1	70.1	43.6	14
2010	JUSTINA	45.994	33.7	15.5	36.2	8.582	1.4	70.6	41.7	10
2009	JUSTINA	55.161	31.0	17.1	27.2	7.114	4.8	66.0	nr	13
2008	JUSTINA	46.108	30.4	14.0	30.0	6.425	3.4	69.1	nr	16
2007	JUSTINA	55.853	29.9	16.7	30.0	7.662	3.3	68.2	nr	14
2006	JUSTINA	45.042	35.3	15.9	37.0	8.998	3.0	nr	nr	13
2005	JUSTINA	54.633	31.3	17.1	33.4	8.735	2.6	nr	nr	16
2004	JUSTINA	50.774	32.3	16.4	33.9	8.503	2.7	nr	nr	15
2003	JUSTINA	50.629	31.8	16.1	33.0	8.126	3.0	nr	nr	17
Average		46.371	34.2	15.9	32.9	7.988	3.8	70.6	42.1	15

NOTE: All trials included in this summary were grown in the open; nr = not recorded

Multi Year Forage Summaries Grown in the Open 2021-2024

Favourable PACTS Sites Summary, Whole Plant Forage, 2021 - 2024

Number of Years Tested	Number of Sites	Fresh Yield (t/ha)	Dry Matter (%)	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 (%)
				Starch Yield & %	Sugar Yield & %			
4	5	59.709	29.2%	34.2%	3%	75%	9.105	16%
2	14	49.426	34.7%	36.2%	2%	76%	9.490	15%
4	32	51.090	33.5%	35.3%	2%	75%	9.238	14%
2	18	57.775	29.6%	33.6%	2%	75%	8.793	14%
3	27	48.030	34.8%	36.8%	2%	76%	9.415	12%
3	12	52.874	31.5%	34.0%	2%	75%	8.667	11%
3	22	45.954	36.2%	38.4%	2%	77%	9.763	11%
3	26	45.682	36.0%	37.7%	2%	75%	9.482	10%
4	33	46.759	34.9%	35.2%	2%	75%	8.765	9%
2	10	41.777	38.8%	37.5%	2%	76%	9.297	8%
2	10	52.666	30.7%	34.5%	2%	75%	8.541	8%
4	30	40.473	39.4%	38.7%	2%	76%	9.448	7%
2	16	42.577	37.3%	37.0%	2%	76%	8.991	6%
1	8	37.256	42.0%	38.4%	1%	76%	9.182	4%
4	31	40.283	38.1%	37.3%	2%	75%	8.755	3%
4	33	40.501	37.0%	37.3%	2%	76%	8.540	0%
3	17	38.586	38.3%	38.3%	2%	75%	8.649	-1%
3	24	39.908	35.9%	37.5%	2%	76%	8.231	-4%



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

Provisional Results													
Summary		Favourable PACTS® Sites											
Year		Multiple Year Summary 2021 - 2024											
Trial Type		Whole Plant Forage											
Trial Type		Grown In The Open											
		TRIALS				YIELDS				STARCH SUGAR & DIGESTIBILITY			FIBRE
Hybrid	Number of Years	Number of Sites	Fresh Weight Yield	Dry Matter Content	Dry Matter Yield	Relative Dry Matter Yield Index (C = 100%)	Starch Content	Starch Yield Converted to Grain Yield at 15% Moisture	Sugar Content	Whole Plant Digestibility	Neutral Detergent Fibre (NDF)		
Name			Tonnes /Hectare	%	Tonnes /Hectare	%	%	Tonnes /Hectare	%	%	%		
P8201	4	5	59.709	29.2%	17.417	116.3%	34.2%	9.105	2.6%	75.1%	41%		
P7655	2	14	49.426	34.7%	17.163	114.6%	36.2%	9.490	1.8%	75.9%	40%		
P7948	4	32	51.090	33.5%	17.115	114.3%	35.3%	9.238	2.2%	74.9%	40%		
DS1897B	2	18	57.775	29.6%	17.103	114.2%	33.6%	8.793	1.8%	74.6%	42%		
P7647	3	27	48.030	34.8%	16.727	111.7%	36.8%	9.415	1.9%	76.0%	40%		
P8200	3	12	52.874	31.5%	16.681	111.4%	34.0%	8.667	1.7%	75.0%	41%		
resolute*	3	22	45.954	36.2%	16.625	111.0%	38.4%	9.763	1.7%	76.5%	38%		
P7381	3	26	45.682	36.0%	16.442	109.8%	37.7%	9.482	1.8%	75.5%	39%		
P7364	4	33	46.759	34.9%	16.303	108.9%	35.2%	8.765	2.2%	75.3%	41%		
ambition*	2	10	41.777	38.8%	16.216	108.3%	37.5%	9.297	1.8%	75.6%	39%		
DS1959C	2	10	52.666	30.7%	16.165	108.0%	34.5%	8.541	1.8%	75.1%	41%		
P7179	4	30	40.473	39.4%	15.959	106.6%	38.7%	9.448	1.7%	75.8%	39%		
saxon*	2	16	42.577	37.3%	15.902	106.2%	37.0%	8.991	1.7%	76.0%	40%		
kws pasco*	1	8	37.256	42.0%	15.639	104.5%	38.4%	9.182	1.2%	75.6%	39%		
P7326	4	31	40.283	38.1%	15.361	102.6%	37.3%	8.755	1.9%	75.0%	39%		
P7034 (C)	4	33	40.501	37.0%	14.971	100.0%	37.3%	8.540	1.8%	75.6%	40%		
kws calvini*	3	17	38.586	38.3%	14.780	98.7%	38.3%	8.649	1.6%	75.5%	39%		
prospect*	3	24	39.908	35.9%	14.341	95.8%	37.5%	8.231	1.7%	76.2%	39%		

(C) = Control hybrid

* = Competitor hybrid

** = Trade name following official registration

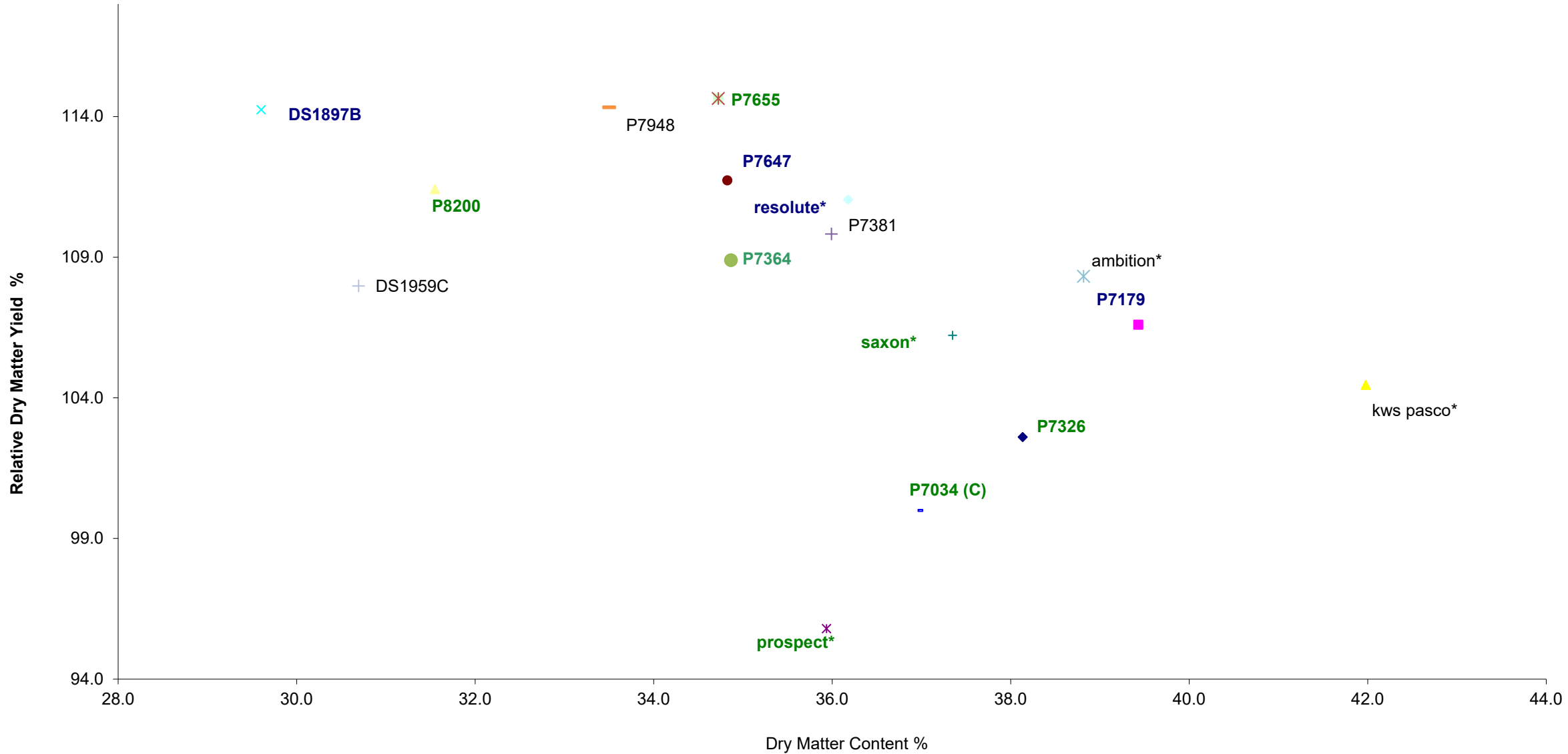
Hybrid	FIBRE				FINANCIAL	GAS		RUMEN DEGRADABLE STARCH			
	NDF Digestibility 30 Hours (%)	undegradable NDF 240 Hours (%)	Metabolisable Energy (ME)	Metabolisable Energy (ME)	Dry Matter Yield Advantage / Disadvantage Vs Control	Methane	Methane	Pioneer Relative Rumen Degradable Starch Content	Pioneer Relative Rumen Degradable Starch Yield	Rumen Degradable Starch Analysis	
Name			Mega Joules/Kg Dry Matter	MJ (000's) / Ha	%	l / Kg DM	l / Ha	%	Tonnes Dry Matter / Hectare	Sites	Years
P8201			12.4	216	16.3%	329	5,730,207	63.6%	3.785	1	1
P7655			12.6	216	14.6%	336	5,765,074	60.3%	3.744	9	2
P7948			12.4	212	14.3%	329	5,628,021	57.8%	3.489	13	3
DS1897B			12.4	211	14.2%	329	5,635,477	57.0%	3.275	8	2
P7647			12.6	211	11.7%	334	5,585,975	56.6%	3.483	18	3
P8200			12.4	207	11.4%	329	5,482,410				
resolute*			12.7	211	11.0%	337	5,598,477	59.4%	3.792	10	3
P7381			12.5	205	9.8%	332	5,449,984	56.7%	3.518	17	3
P7364			12.5	203	8.9%	331	5,400,301	62.7%	3.594	18	4
ambition*			12.5	203	8.3%	333	5,401,665	65.3%	3.970	3	1
DS1959C			12.4	201	8.0%	329	5,319,484	62.0%	3.461	4	2
P7179			12.6	200	6.6%	334	5,322,297	59.9%	3.703	20	4
saxon*			12.6	200	6.2%	334	5,312,259	61.4%	3.612	11	3
kws pasco*			12.5	196	4.5%	333	5,200,654	62.7%	3.762	5	1
P7326			12.4	191	2.6%	330	5,079,808	67.0%	3.833	12	3
P7034 (C)			12.5	187	0.0%	331	4,955,815	70.7%	3.946	24	4
kws calvini*			12.5	185	-1.3%	332	4,899,336	62.9%	3.558	6	2
prospect*			12.6	181	-4.2%	335	4,796,435	61.7%	3.320	7	2

(C) = Control hybrid

* = Competitor hybrid

** = Trade name following official registration

Favourable PACTS Site Summary, Whole Plant Forage, 2021 - 2024





Less Favourable PACTS Sites Summary,
Whole Plant Forage, 2021 - 2024

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 (%)
3	28	47.671	33.9%	P7647	35.7% Starch, 2% Sugar, 112% DM	76%	8.831	12%
2	13	43.589	36.3%	saxon*	36.7% Starch, 2% Sugar, 110% DM	76%	8.881	10%
3	28	43.988	35.3%	P7381	37.1% Starch, 2% Sugar, 108% DM	75%	8.811	8%
4	31	47.529	32.2%	P7364	34.6% Starch, 2% Sugar, 106% DM	75%	8.104	6%
4	29	39.882	37.8%	P7179	38.8% Starch, 2% Sugar, 105% DM	76%	8.946	5%
2	16	40.444	36.4%	ambition*	36.2% Starch, 2% Sugar, 103% DM	76%	8.167	3%
3	22	40.500	36.4%	prospect*	37.4% Starch, 2% Sugar, 102% DM	77%	8.431	2%
4	34	40.484	36.4%	P7326	37.0% Starch, 2% Sugar, 102% DM	76%	8.319	2%
1	8	38.885	37.7%	kws pasco*	37.5% Starch, 1% Sugar, 102% DM	76%	8.403	2%
3	22	39.401	37.0%	kws calvini*	35.9% Starch, 2% Sugar, 101% DM	76%	7.995	1%
4	39	40.307	35.7%	P7034 (C)	35.8% Starch, 2% Sugar, 100% DM	76%	7.861	0%
1	3	34.419	39.9%	1067D035-01	37.3% Starch, 2% Sugar, 96% DM	74%	7.842	-4%
2	10	29.278	41.2%	cito*	38.6% Starch, 1% Sugar, 84% DM	77%	7.117	-16%

■ Starch Yield & % ■ Sugar Yield & %
■ Stover Yield ■ Relative Dry Matter Yield Index (C = 100%)
 C = Control Hybrid; * = Competitor hybrid, ** = Hybrid trade name following official registration

Summary			Less Favourable PACTS® Sites								
Year			Multiple Year Summary 2021 - 2024								
Trial Type			Whole Plant Forage								
Trial Type			Grown In The Open								
TRIALS			YIELDS				STARCH SUGAR & DIGESTIBILITY				FIBRE
Hybrid	Number of Years	Number of Sites	Fresh Weight Yield	Dry Matter Content	Dry Matter Yield	Relative Dry Matter Yield Index (C = 100%)	Starch Content	Starch Yield Converted to Grain Yield at 15% Moisture	Sugar Content	Whole Plant Digestibility	Neutral Detergent Fibre (NDF)
Name			Tonnes /Hectare	%	Tonnes /Hectare	%	%	Tonnes /Hectare	%	%	%
P7647	3	28	47.671	33.9%	16.161	112.4%	35.7%	8.831	2.3%	75.9%	40%
saxon*	2	13	43.589	36.3%	15.834	110.1%	36.7%	8.881	2.0%	76.4%	40%
P7381	3	28	43.988	35.3%	15.539	108.1%	37.1%	8.811	2.1%	75.0%	39%
P7364	4	31	47.529	32.2%	15.304	106.5%	34.6%	8.104	2.5%	75.3%	41%
P7179	4	29	39.882	37.8%	15.085	104.9%	38.8%	8.946	1.8%	75.7%	38%
ambition*	2	16	40.444	36.4%	14.736	102.5%	36.2%	8.167	2.0%	76.0%	39%
prospect*	3	22	40.500	36.4%	14.725	102.4%	37.4%	8.431	2.2%	76.6%	39%
P7326	4	34	40.484	36.4%	14.720	102.4%	37.0%	8.319	2.1%	75.6%	39%
kws pasco*	1	8	38.885	37.7%	14.658	102.0%	37.5%	8.403	1.5%	75.7%	39%
kws calvini*	3	22	39.401	37.0%	14.580	101.4%	35.9%	7.995	2.0%	75.5%	40%
P7034 (C)	4	39	40.307	35.7%	14.376	100.0%	35.8%	7.861	2.4%	75.5%	40%
I067D035-01	1	3	34.419	39.9%	13.749	95.6%	37.3%	7.842	1.6%	73.8%	40%
cito*	2	10	29.278	41.2%	12.066	83.9%	38.6%	7.117	1.5%	76.7%	38%

(C) = Control hybrid

* = Competitor hybrid

** = Trade name following official registration

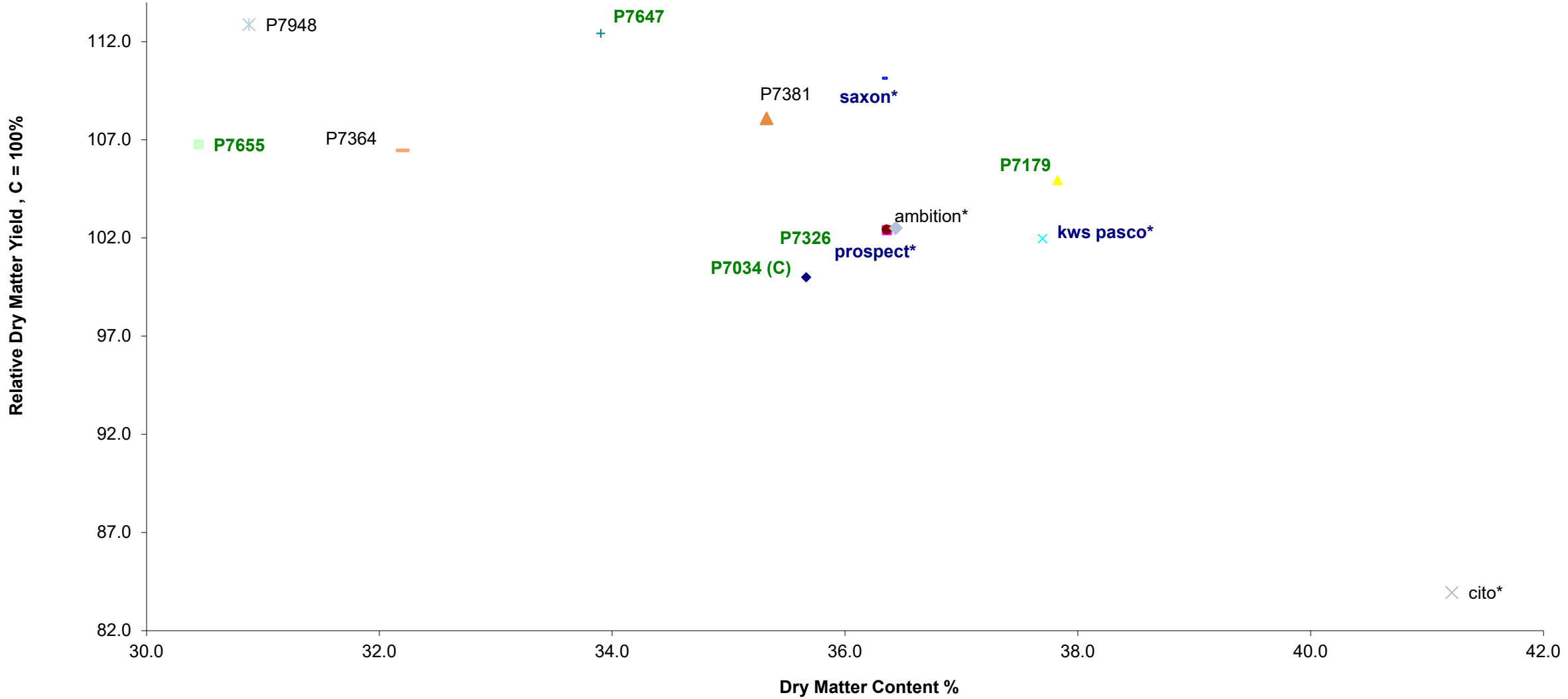
Hybrid	FIBRE				FINANCIAL	GAS		RUMEN DEGRADABLE STARCH			
	NDF Digestibility 30 Hours (%)	undegradable NDF 240 Hours (%)	Metabolisable Energy (ME)	Metabolisable Energy (ME)	Dry Matter Yield Advantage / Disadvantage Vs Control	Methane	Methane	Pioneer Relative Rumen Degradable Starch Content	Pioneer Relative Rumen Degradable Starch Yield	Rumen Degradable Starch Analysis	
Name	%	%	Mega Joules/Kg Dry Matter	MJ (1,000's) / Ha	%	l / Kg DM	l / Ha	%	Tonnes Dry Matter / Hectare	Sites	Years
P7647			12.6	203	12.4%	334	5,415,333	58.2%	3.361	11	3
saxon*			12.6	200	10.1%	335	5,314,475	60.2%	3.494	6	2
P7381			12.4	193	8.1%	331	5,155,039	62.0%	3.574	11	3
P7364			12.5	191	6.5%	332	5,082,181	65.5%	3.469	17	4
P7179			12.7	192	4.9%	334	5,061,109	60.7%	3.553	11	3
ambition*			12.6	185	2.5%	333	4,924,232	59.6%	3.183	8	1
prospect*			12.7	187	2.4%	336	4,957,942	60.4%	3.332	9	2
P7326			13.3	195	2.4%	333	4,900,949	70.8%	3.850	11	3
kws pasco*			12.5	184	2.0%	334	4,902,323	66.4%	3.650	3	1
kws calvini*			13.1	191	1.4%	332	4,842,348	58.0%	3.034	9	1
P7034 (C)			12.5	180	0.0%	332	4,768,526	72.6%	3.734	22	4
I067D035-01			12.2	168	-4.4%	328	4,505,627	54.1%	2.773	2	1
cito*			12.7	153	-16.1%	326	3,947,773	63.1%	2.936	8	2

(C) = Control hybrid

* = Competitor hybrid

** = Trade name following official registration

Less Favourable PACTS Sites Summary, Whole Plant Forage, 2021 - 2024



**Strip Trials Grown Under The Samco System,
Whole Plant Forage, 2014 - 2024**

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 (%)
9	32	54.286	31.4%	P8201	31.3% Starch, 4% Sugar, 102% DM	70%	8.169	2%
11	53	53.892	31.2%	P8200 (C)	31.5% Starch, 3% Sugar, 100% DM	69%	8.091	0%
2	2	52.515	31.0%	P8153	32.1% Starch, 3% Sugar, 97% DM	70%	7.970	-3%
4	14	46.206	34.5%	P7364	32.8% Starch, 3% Sugar, 95% DM	69%	7.980	-5%
8	29	41.827	37.3%	P7034	35.1% Starch, 3% Sugar, 93% DM	70%	8.384	-7%
2	5	42.612	35.8%	P7647	32.6% Starch, 4% Sugar, 91% DM	69%	7.613	-9%
3	3	51.386	29.0%	DS1959C	31.7% Starch, 3% Sugar, 89% DM	70%	7.229	-11%
3	6	41.646	35.7%	P7381	32.5% Starch, 3% Sugar, 88% DM	68%	7.382	-12%
11	39	38.288	38.3%	P7326	35.5% Starch, 3% Sugar, 87% DM	71%	7.969	-13%
3	9	35.701	40.9%	P7179	36.8% Starch, 3% Sugar, 87% DM	70%	8.215	-13%

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

Summary	Strip Trials Grown Under The Samco System 2014-2024
Year	Multiple Year Summary
Trial Type	Whole Plant Forage
	Grown Under The Samco System

HYBRID	TRIALS		YIELDS				STARCH, SUGAR & DIGESTIBILITY				FIBRE
	Number of Years	Number of Sites	Fresh Weight Yield	Dry Matter Content	Dry Matter Yield	Relative Dry Matter Yield Index (C = 100%)	Starch Content	Starch Yield Converted to Grain Yield at 15% Moisture	Sugar Content	Whole Plant Digestibility	Neutral Detergent Fibre (NDF)
Name			Tonnes /Hectare	%	Tonnes /Hectare	%	%	Tonnes /Hectare	%	%	% of Dry Matter
P8201	9	32	54.286	31.4%	17.071	101.6%	31.3%	8.169	4.0%	69.8%	42%
P8200 (C)	11	53	53.892	31.2%	16.809	100.0%	31.5%	8.091	3.4%	69.1%	42%
P8153	2	2	52.515	31.0%	16.256	96.7%	32.1%	7.970	3.4%	70.1%	42%
P7364	4	14	46.206	34.5%	15.923	94.7%	32.8%	7.980	3.4%	68.9%	42%
P7034	8	29	41.827	37.3%	15.620	92.9%	35.1%	8.384	2.7%	70.3%	40%
P7647	2	5	42.612	35.8%	15.254	90.7%	32.6%	7.613	3.9%	69.3%	41%
DS1959C	3	3	51.386	29.0%	14.898	88.6%	31.7%	7.229	2.6%	70.3%	41%
P7381	3	6	41.646	35.7%	14.853	88.4%	32.5%	7.382	2.8%	68.4%	42%
P7326	11	39	38.288	38.3%	14.678	87.3%	35.5%	7.969	3.2%	70.8%	40%
P7179	3	9	35.701	40.9%	14.604	86.9%	36.8%	8.215	2.8%	70.5%	39%

HYBRID	FIBRE				FINANCIAL	GAS	
	NDF Digestibility 30 Hours (%)	undegradable NDF 240 Hours (%)	Metabolisable Energy (ME)	Metabolisable Energy (ME)	Dry Matter Yield Advantage / Disadvantage Vs Control	Methane	Methane
Name	%	%	Mega Joules/Kg Dry Matter	Mega Joules (000's / Ha)	%	l / Kg DM	l / Ha
P8201			11.6	197	1.6%	311	5,296,171
P8200 (C)			11.4	192	0.0%	311	5,234,247
P8153			11.6	189	-3.3%	317	5,145,560
P7364			11.4	182	-5.3%	313	4,976,825
P7034			11.6	182	-7.1%	316	4,913,988
P7647			11.5	175	-9.3%	314	4,793,761
DS1959C			11.6	173	-11.4%	316	4,698,052
P7381			11.3	168	-11.6%	311	4,621,449
P7326			11.7	172	-12.7%	319	4,673,702
P7179			11.7	170	-13.1%	319	4,666,753

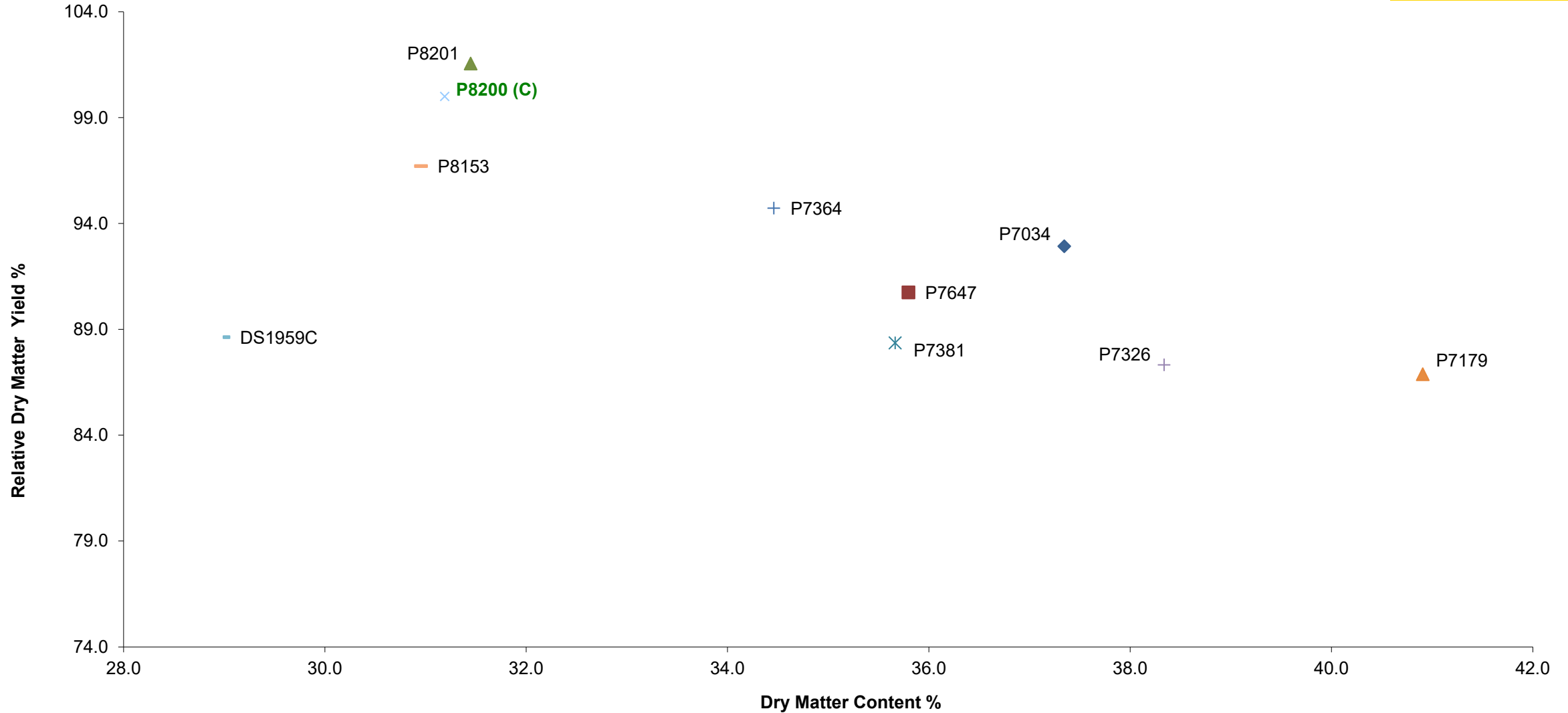
(C) = Control hybrid

* = Competitor hybrid;

** = Trade name following official registration

O = Grown In The Open

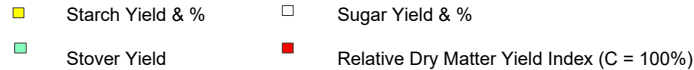
Strip Trials Grown Under The Samco System, Whole Plant Forage, 2014 - 2024



Single Year Forage Summaries Grown in the Open 2024

Favourable PACTS Sites Summary, Whole Plant Forage, 2024

Number of Years Tested	Number of Sites	Fresh Yield (t/ha)	Dry Matter (%)	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 (%)
				Starch Yield & %	Stover Yield			
1	8	45.540	35.2%	38.0%	2%	70%	9.336	15%
1	10	48.604	33.0%	36.2%	2%	69%	8.877	15%
1	9	49.602	32.1%	33.4%	2%	69%	8.143	14%
1	9	54.346	29.2%	33.8%	2%	69%	8.204	14%
1	9	56.861	27.8%	32.6%	2%	68%	7.870	13%
1	10	45.269	34.1%	38.2%	2%	69%	9.011	11%
1	7	53.927	28.2%	33.8%	2%	68%	7.852	9%
1	8	52.454	28.6%	33.2%	2%	68%	7.613	8%
1	8	42.485	35.2%	35.6%	2%	69%	8.154	8%
1	10	47.239	31.4%	33.5%	3%	69%	7.597	6%
1	10	39.153	37.5%	38.2%	2%	69%	8.596	6%
1	8	37.519	38.8%	37.2%	1%	69%	8.274	4%
1	10	38.716	37.1%	36.9%	2%	69%	8.111	3%
1	10	40.787	34.1%	36.1%	2%	69%	7.696	0%
1	8	40.997	33.5%	37.5%	2%	70%	7.887	-1%



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

Provisional Results	
Summary	<i>Favourable PACTS® Sites</i>
Year	<i>Multiple Year Summary 2024</i>
Trial Type	<i>Whole Plant Forage</i>
Trial Type	<i>Grown In The Open</i>

TRIALS			YIELDS				STARCH SUGAR & DIGESTIBILITY				FIBRE
Hybrid	Number of Years	Number of Sites	Fresh Weight Yield	Dry Matter Content	Dry Matter Yield	Relative Dry Matter Yield Index (C = 100%)	Starch Content	Starch Yield Converted to Grain Yield at 15% Moisture	Sugar Content	Whole Plant Digestibility	Neutral Detergent Fibre (NDF)
Name			Tonnes /Hectare	%	Tonnes /Hectare	%	%	Tonnes /Hectare	%	%	%
resolute*	1	8	45.540	35.2%	16.044	115.2%	38.0%	9.336	2.0%	70.0%	39%
P7647	1	10	48.604	33.0%	16.021	115.1%	36.2%	8.877	2.3%	69.5%	40%
P7655	1	9	49.602	32.1%	15.937	114.5%	33.4%	8.143	2.0%	68.6%	43%
P7948	1	9	54.346	29.2%	15.857	113.9%	33.8%	8.204	2.2%	68.5%	42%
DS1897B	1	9	56.861	27.8%	15.788	113.4%	32.6%	7.870	2.1%	68.0%	43%
P7381	1	10	45.269	34.1%	15.436	110.9%	38.2%	9.011	1.8%	68.8%	39%
DS1959C	1	7	53.927	28.2%	15.194	109.1%	33.8%	7.852	2.1%	68.2%	43%
P8200	1	8	52.454	28.6%	15.008	107.8%	33.2%	7.613	1.9%	68.3%	43%
saxon*	1	8	42.485	35.2%	14.973	107.5%	35.6%	8.154	2.0%	68.7%	42%
P7364	1	10	47.239	31.4%	14.817	106.4%	33.5%	7.597	2.7%	68.7%	42%
P7179	1	10	39.153	37.5%	14.695	105.5%	38.2%	8.596	2.0%	69.5%	40%
kws pasco*	1	8	37.519	38.8%	14.545	104.5%	37.2%	8.274	1.4%	68.8%	41%
P7326	1	10	38.716	37.1%	14.367	103.2%	36.9%	8.111	2.2%	68.5%	40%
P7034 (C)	1	10	40.787	34.1%	13.923	100.0%	36.1%	7.696	2.1%	68.6%	41%
prospect*	1	8	40.997	33.5%	13.751	98.8%	37.5%	7.887	1.7%	69.9%	39%

(C) = Control hybrid

* = Competitor hybrid

** = Trade name following official registration

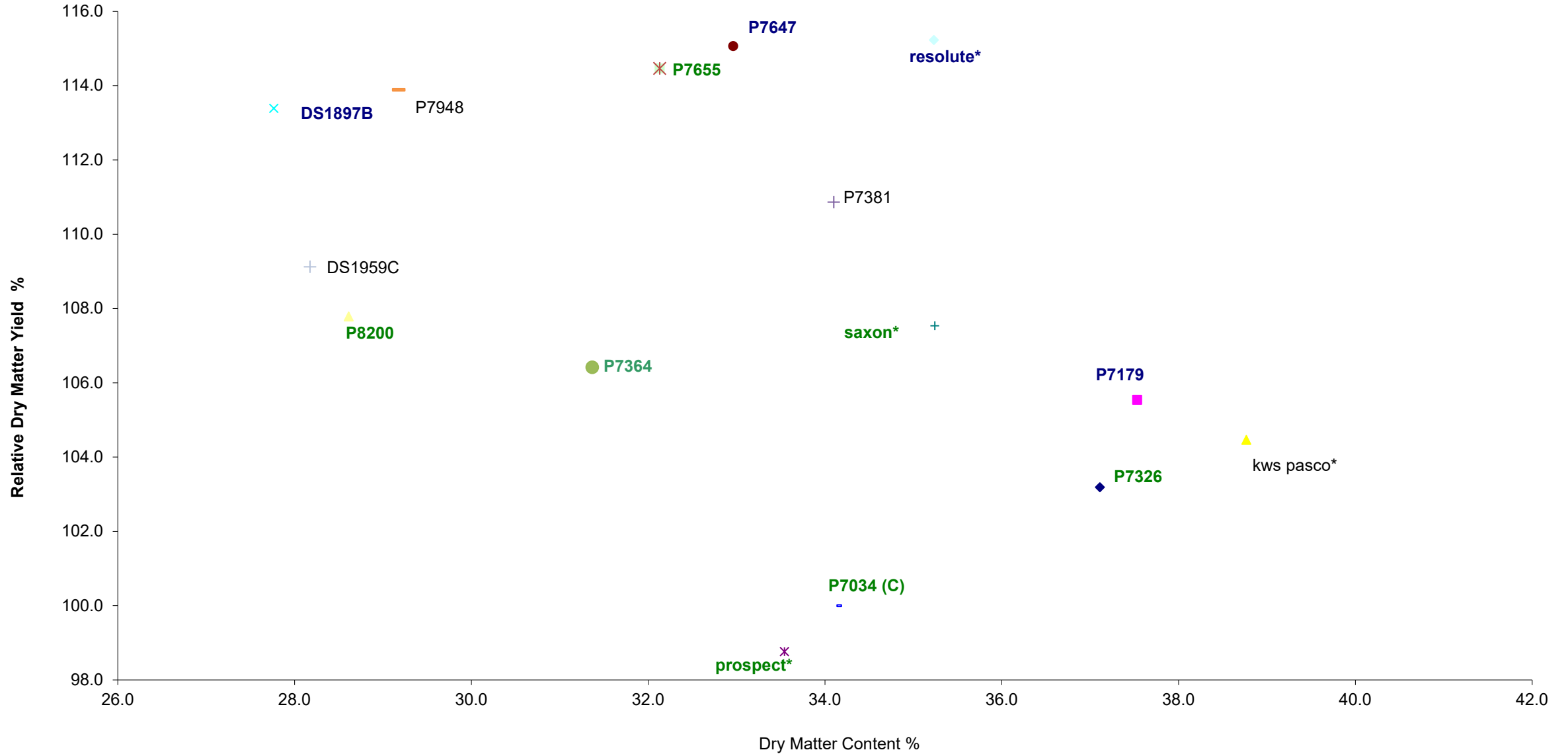
FIBRE			FINANCIAL			GAS		RUMEN DEGRADABLE STARCH			
Hybrid	NDF Digestibility 30 Hours (%)	undegradable NDF 240 Hours (%)	Metabolisable Energy (ME)	Metabolisable Energy (ME)	Dry Matter Yield Advantage / Disadvantage Vs Control	Methane	Methane	Pioneer Relative Rumen Degradable Starch Content	Pioneer Relative Rumen Degradable Starch Yield	Rumen Degradable Starch Analysis	
Name			Mega Joules/Kg Dry Matter	MJ (000's) / Ha	%	l / Kg DM	l / Ha	%	Tonnes Dry Matter / Hectare	Sites	Years
resolute*			11.6	186	15.2%	317	5,069,519	55.1%	3	3	1
P7647			11.5	184	15.1%	315	5,032,635	56.8%	3	3	1
P7655			11.4	181	14.5%	312	4,970,940	60.3%	3	3	1
P7948			11.3	180	13.9%	311	4,926,457	49.0%	3	3	1
DS1897B			11.2	178	13.4%	309	4,874,353	43.9%	2	1	1
P7381			11.4	176	10.9%	313	4,833,190	54.7%	3	3	1
DS1959C			11.3	171	9.1%	310	4,688,127	55.4%	3	1	1
P8200			11.3	170	7.8%	310	4,669,412		3		
saxon*			11.4	170	7.5%	312	4,649,957	62.3%	3	3	1
P7364			11.4	169	6.4%	312	4,609,661	60.9%	3	3	1
P7179			11.5	169	5.5%	316	4,646,089	63.5%	4	3	1
kws pasco*			11.4	166	4.5%	312	4,588,066	62.3%	3	3	1
P7326			11.3	163	3.2%	311	4,443,379	70.8%	4	3	1
P7034 (C)			11.4	158	0.0%	311	4,301,686	66.3%	3	3	1
prospect*			11.6	159	-1.2%	317	4,352,603				

(C) = Control hybrid

* = Competitor hybrid

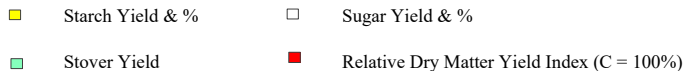
** = Trade name following official registration

Favourable PACTS Site Summary, Whole Plant Forage, 2024



**Less Favourable PACTS Sites Summary,
Whole Plant Forage, 2024**

Number of Years Tested	Number of Sites	Fresh Yield (t/ha)	Dry Matter (%)	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 (%)	
				Hybrid	Starch Yield & %	Sugar Yield & %				Stover Yield
1	11	53.367	27.5%	P7647	30.9%	3%	111%	75%	6.936	11%
1	6	46.619	30.8%	saxon*	32.9%	3%	108%	76%	7.238	8%
1	11	49.523	28.9%	P7381	33.2%	2%	108%	74%	7.245	8%
1	7	46.203	30.8%	prospect*	33.8%	2%	107%	76%	7.340	7%
1	9	44.171	31.9%	P7179	35.8%	2%	106%	75%	7.730	6%
1	6	44.797	30.8%	kws pasco*	34.1%	2%	104%	75%	7.207	4%
1	7	42.403	32.1%	P7326	33.0%	2%	103%	75%	6.861	3%
1	11	46.140	28.7%	P7034 (C)	31.8%	3%	100%	75%	6.444	0%
1	5	50.229	26.2%	P7364	31.1%	3%	99%	74%	6.251	-1%
1	3	39.401	32.2%	1067D035-01	33.2%	2%	96%	73%	6.428	-4%



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

Summary			Less Favourable PACTS® Sites								
Year			Multiple Year Summary 2024								
Trial Type			Whole Plant Forage								
Trial Type			Grown In The Open								
TRIALS			YIELDS				STARCH SUGAR & DIGESTIBILITY				FIBRE
Hybrid	Number of Years	Number of Sites	Fresh Weight Yield	Dry Matter Content	Dry Matter Yield	Relative Dry Matter Yield Index (C = 100%)	Starch Content	Starch Yield Converted to Grain Yield at 15% Moisture	Sugar Content	Whole Plant Digestibility	Neutral Detergent Fibre (NDF)
Name			Tonnes /Hectare	%	Tonnes /Hectare	%	%	Tonnes /Hectare	%	%	%
P7647	1	11	53.367	27.5%	14.665	110.7%	30.9%	6.936	2.8%	74.8%	43%
saxon*	1	6	46.619	30.8%	14.367	108.4%	32.9%	7.238	2.5%	75.5%	42%
P7381	1	11	49.523	28.9%	14.289	107.8%	33.2%	7.245	2.1%	73.6%	42%
prospect*	1	7	46.203	30.8%	14.213	107.3%	33.8%	7.340	2.4%	75.7%	42%
P7179	1	9	44.171	31.9%	14.109	106.5%	35.8%	7.730	1.9%	74.9%	41%
kws pasco*	1	6	44.797	30.8%	13.801	104.2%	34.1%	7.207	1.8%	74.5%	42%
P7326	1	7	42.403	32.1%	13.596	102.6%	33.0%	6.861	2.3%	74.6%	42%
P7034 (C)	1	11	46.140	28.7%	13.250	100.0%	31.8%	6.444	2.6%	74.6%	43%
P7364	1	5	50.229	26.2%	13.144	99.2%	31.1%	6.251	2.7%	74.0%	43%
1067D035-01	1	3	39.401	32.2%	12.672	95.6%	33.2%	6.428	1.8%	72.9%	43%

(C) = Control hybrid

* = Competitor hybrid

** = Trade name following official registration

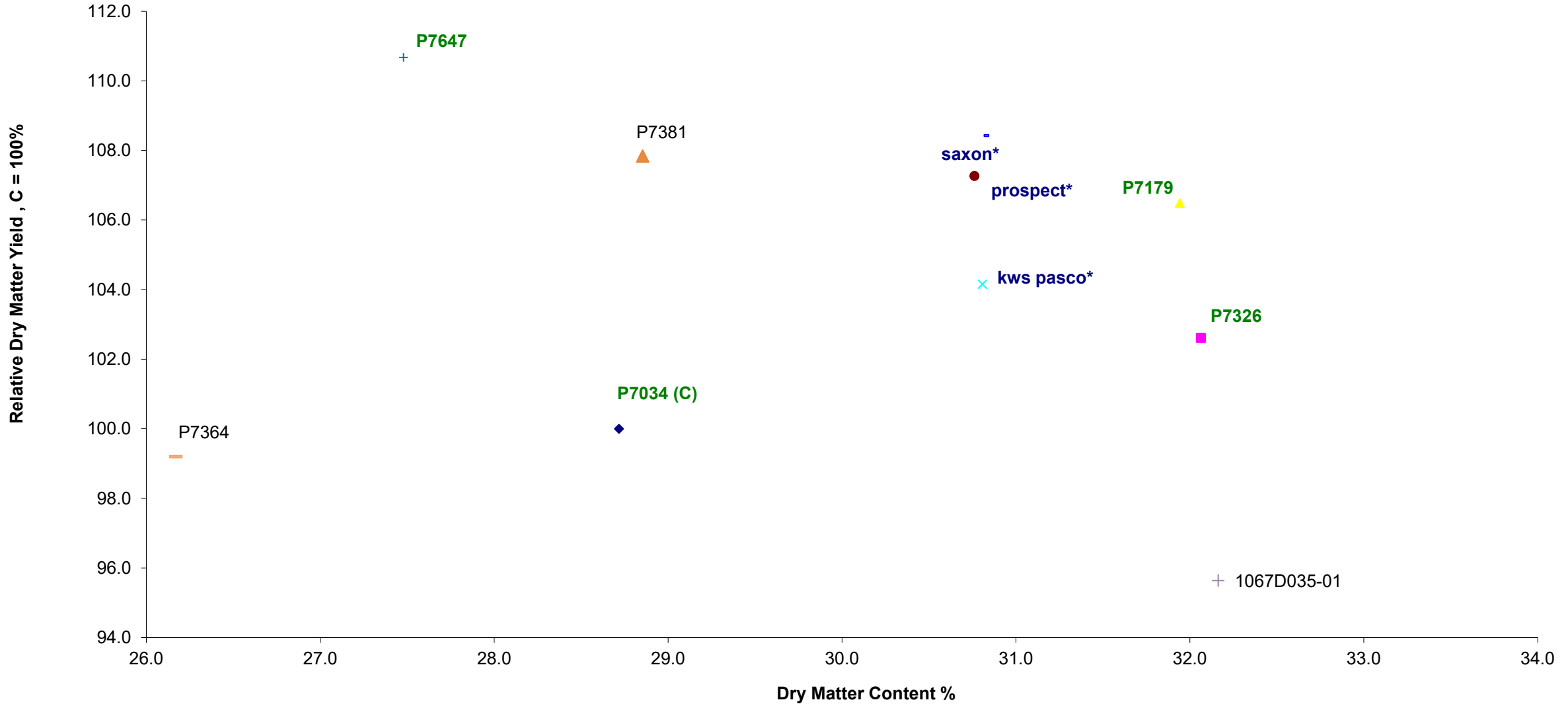
		FIBRE			FINANCIAL	GAS		RUMEN DEGRADABLE STARCH			
Hybrid	NDF Digestibility 30 Hours (%)	undegradable NDF 240 Hours (%)	Metabolisable Energy (ME)	Metabolisable Energy (ME)	Dry Matter Yield Advantage / Disadvantage Vs Control	Methane	Methane	Pioneer Relative Rumen Degradable Starch Content	Pioneer Relative Rumen Degradable Starch Yield	Rumen Degradable Starch Analysis	
Name	%	%	Mega Joules/Kg Dry Matter	MJ (1,000's) / Ha	%	l / Kg DM	l / Ha	%	Tonnes Dry Matter / Hectare	Sites	Years
P7647			12.4	181	10.7%	330	4,852,877	57.8%	2.621	3	1
saxon*			12.5	180	8.4%	332	4,770,624	63.5%	3.005	2	1
P7381			12.2	174	7.8%	326	4,660,769	57.0%	2.699	3	1
prospect*			12.5	178	7.3%	333	4,738,946	51.9%	2.490	2	1
P7179			12.4	175	6.5%	331	4,688,115	57.5%	2.904	2	1
kws pasco*			12.3	170	4.2%	329	4,550,720	61.1%	2.877	2	1
P7326			12.3	168	2.6%	328	4,475,684	71.3%	3.198	1	1
P7034 (C)			12.4	164	0.0%	328	4,345,013	67.9%	2.862	4	1
P7364			12.2	161	-0.8%	328	4,310,276	63.4%	2.593	1	1
1067D035-01			12.1	153	-4.4%	324	4,105,464	58.5%	2.458	1	1

(C) = Control hybrid

* = Competitor hybrid

** = Trade name following official registration

Less Favourable PACTS Sites Summary, Whole Plant Forage, 2024



Multi Year Grain Summary Grown in the Open 2024

PACTS GRAIN STRIP TRIAL RESULTS

2018 - 2024

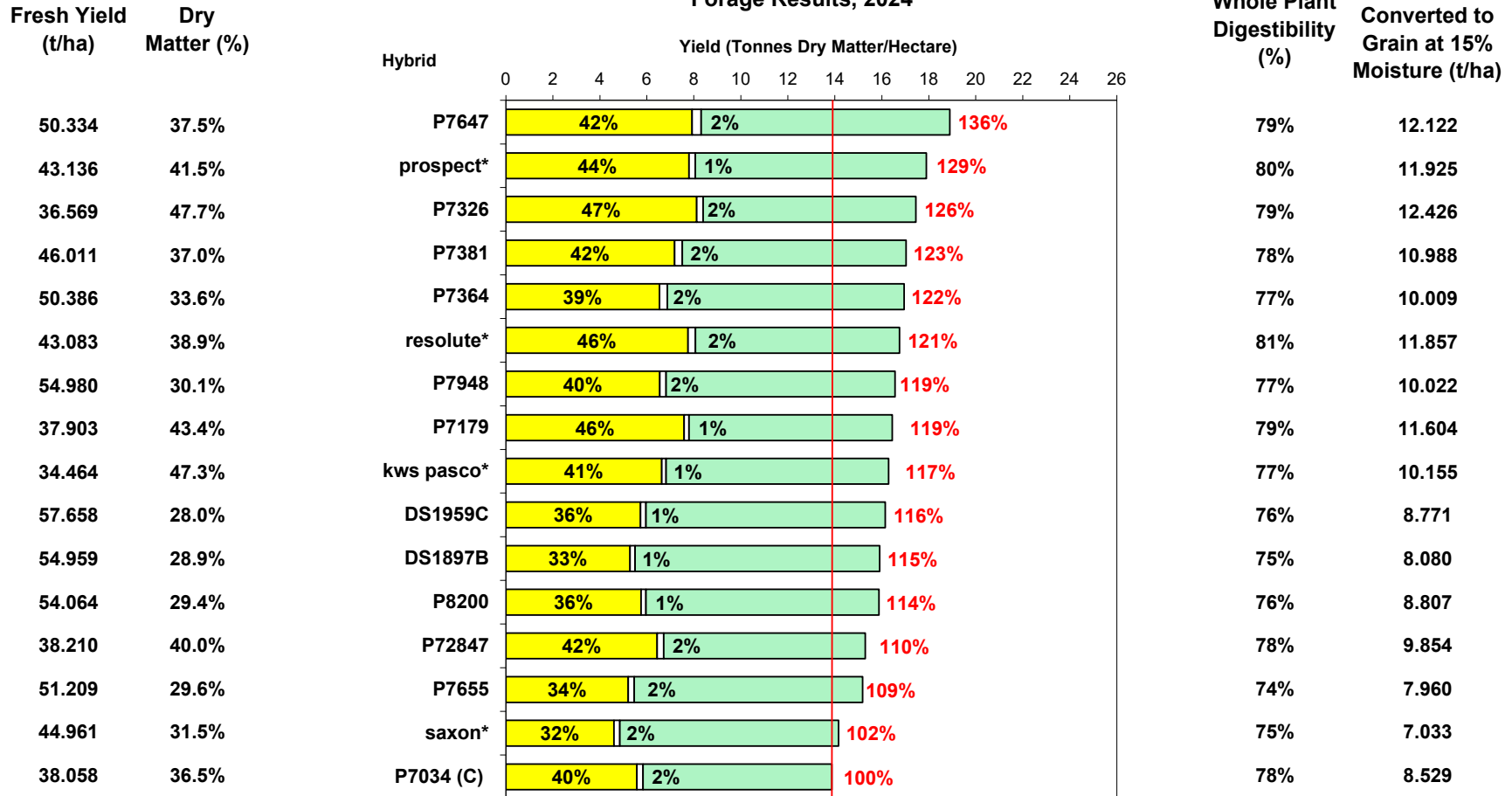
HYBRIDS GROWN IN THE OPEN, FAVOURABLE SITES, ENGLAND

HYBRID NAME	No. YEARS	No. Sites	Grain Moisture % at Harvest	Grain Yield, Tonnes / Hectare at 15% Moisture	Relative Yield Index (C = 100%)
P7948	6	17	34.3	9.761	109%
P7647	3	8	33.6	9.665	108%
P7179	3	9	31.0	9.590	107%
P7381	2	7	31.5	9.547	107%
P7364	4	11	33.7	9.180	103%
P7326 (C)	7	20	30.9	8.939	100%
P7655	2	6	34.9	8.822	99%
P7034	7	18	31.8	8.809	99%

Individual Forage Site Results Favourable Sites 2024

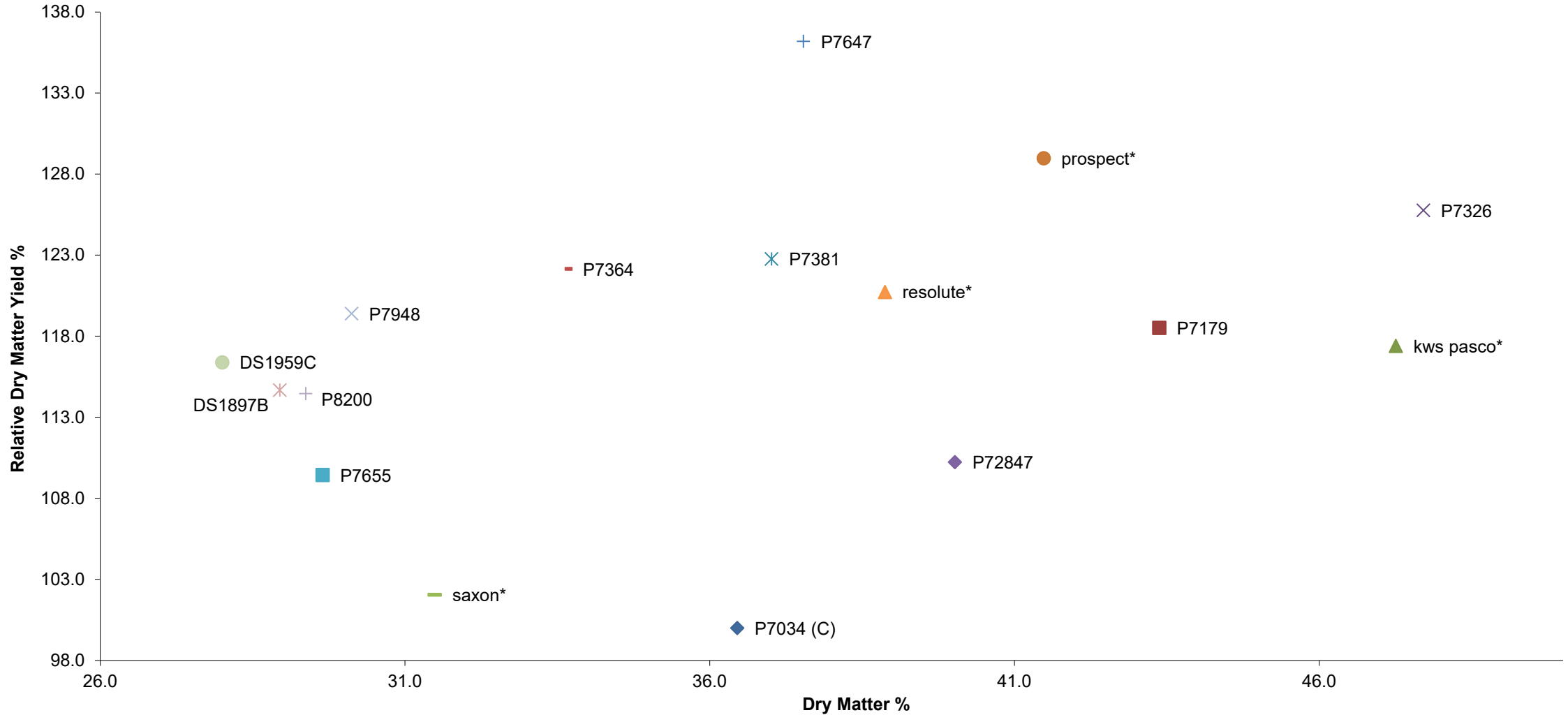


**Joanna Binnington, West Sussex
Forage Results, 2024**



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

Joanna Binnington, West Sussex, 2024, Dry Matter % vs Dry Matter Yield Scatter Results



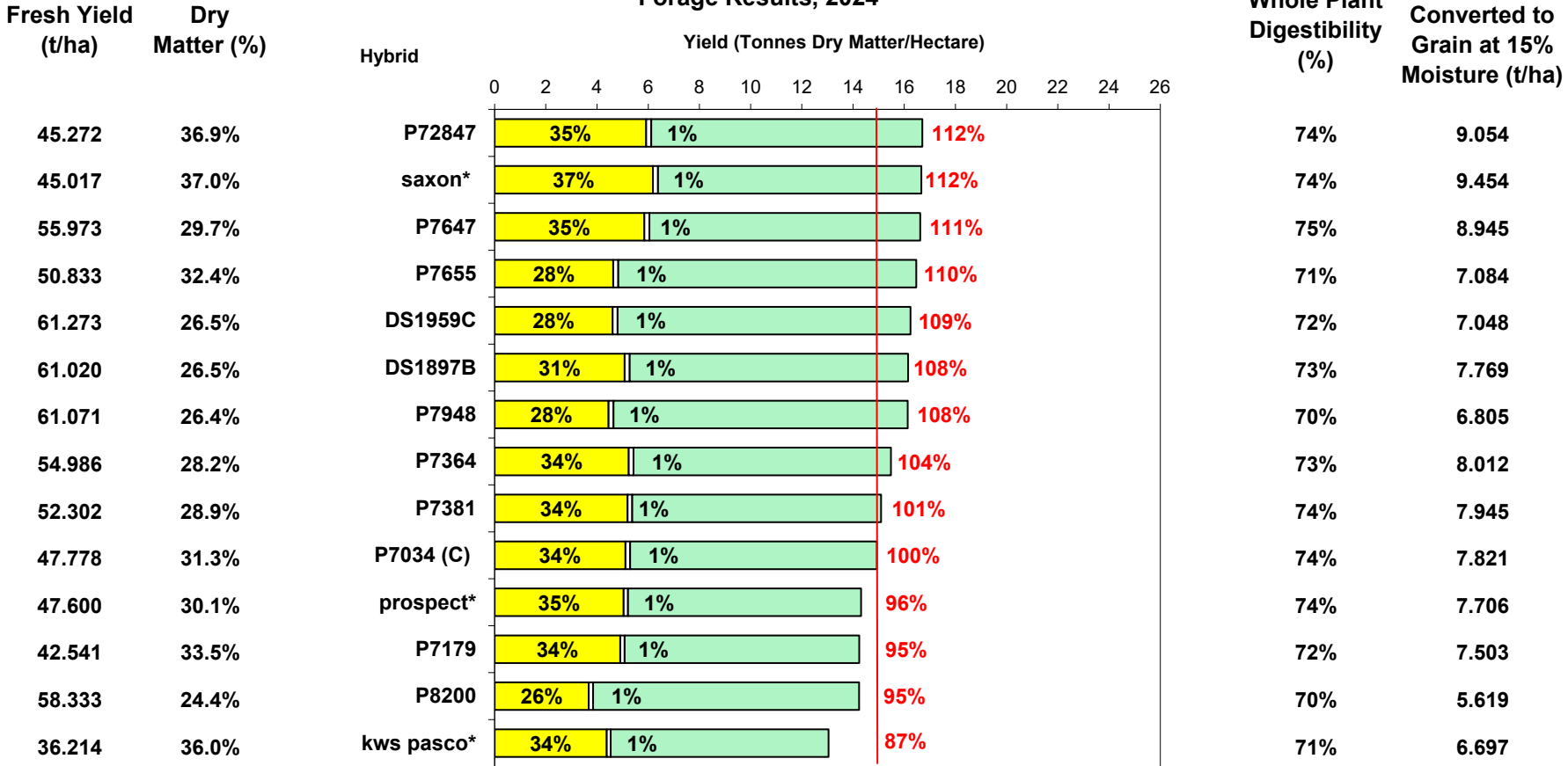
Trial Host	Joanna Binnington	County:	West Sussex
Year	2024	Planting Date:	26th April 2024
Trial Type	Whole Plant Forage	Harvest Date:	20th September 2024
Trial Type	Open		

Hybrid	Fresh Weight Yield	Dry Matter Content	Dry Matter Yield	Relative Dry Matter Yield Index (C = 100%)	Starch Content	Starch Dry Matter Yield	Starch Yield Converted to Grain Yield at 15% Moisture	Sugar Content	Sugar Dry Matter Yield	Whole Plant Digestibility
Name	tonnes /hectare	%	tonnes /hectare	%	% of dry matter	tonnes /hectare	tonnes /hectare	% of dry matter	tonnes /hectare	% of dry matter
P7647	50.334	37.5%	18.893	136.2%	42.0%	7.926	12.122	2.1%	0.390	79.1%
prospect*	43.136	41.5%	17.892	129.0%	43.6%	7.797	11.925	1.5%	0.265	79.5%
P7326	36.569	47.7%	17.446	125.8%	46.6%	8.125	12.426	1.6%	0.274	79.0%
P7381	46.011	37.0%	17.030	122.8%	42.2%	7.184	10.988	1.9%	0.328	77.7%
P7364	50.386	33.6%	16.945	122.2%	38.6%	6.544	10.009	1.9%	0.330	77.0%
resolute*	43.083	38.9%	16.748	120.7%	46.3%	7.753	11.857	1.9%	0.315	80.6%
P7948	54.980	30.1%	16.562	119.4%	39.6%	6.553	10.022	1.6%	0.270	76.9%
P7179	37.903	43.4%	16.440	118.5%	46.1%	7.587	11.604	1.3%	0.211	79.1%
kws pasco*	34.464	47.3%	16.286	117.4%	40.8%	6.640	10.155	1.1%	0.184	77.2%
DS1959C	57.658	28.0%	16.145	116.4%	35.5%	5.735	8.771	1.4%	0.233	75.9%
DS1897B	54.959	28.9%	15.908	114.7%	33.2%	5.283	8.080	1.4%	0.216	75.1%
P8200	54.064	29.4%	15.879	114.5%	36.3%	5.759	8.807	1.3%	0.207	76.0%
P72847	38.210	40.0%	15.292	110.2%	42.1%	6.443	9.854	1.8%	0.278	78.1%
P7655	51.209	29.6%	15.182	109.4%	34.3%	5.205	7.960	1.7%	0.260	74.3%
saxon*	44.961	31.5%	14.157	102.1%	32.5%	4.598	7.033	1.7%	0.246	74.8%
P7034 (C)	38.058	36.5%	13.872	100.0%	40.2%	5.577	8.529	1.9%	0.261	77.8%

Hybrid	Neutral Detergent Fibre (NDF)	NDFD 30 Hours (%)	uNDF 240 Hours (%)	Metabolisable Energy (ME)	Metabolisable Energy (ME)	Fermentable Organic Dry Matter	Methane Yield	Methane Yield	Pioneer Rumen Degradable Starch Content (Grain Test)	Pioneer Rumen Degradable Starch Yield (Grain Test)
Name	% of dry matter	%	%	mega joules/kg dry matter	MJ ME (000's) / Ha	g/kg dry matter	litres/kg dry matter	litres/ha (000's)	%	tonnes dry matter / hectare
P7647	35.7%			13.1	247	823	346	6,529	55.6	4.406
prospect*	35.1%			13.2	236	828	348	6,224		
P7326	34.5%			13.1	228	823	346	6,028	67.3	5.467
P7381	36.8%			12.9	219	811	341	5,799	53.6	3.851
P7364	39.5%			12.7	216	807	339	5,744	59.8	3.913
resolute*	32.9%			13.3	223	835	351	5,872	57.4	4.447
P7948	37.8%			12.7	211	803	337	5,584	50.1	3.282
P7179	34.4%			13.1	215	826	347	5,706	58.5	4.435
kws pasco*	40.4%			12.8	208	809	340	5,535	56.5	3.750
DS1959C	40.7%			12.6	203	794	333	5,383		
DS1897B	43.8%			12.4	198	791	332	5,283		
P8200	40.9%			12.6	200	797	335	5,316		
P72847	36.3%			12.9	198	809	340	5,197	56.5	3.639
P7655	45.4%			12.3	187	786	330	5,013	67.1	3.491
saxon*	45.1%			12.4	175	787	330	4,677	64.7	2.973
P7034 (C)	37.8%			12.9	179	809	340	4,715	69.1	3.851

C = Control Hybrid; * = Competitor hybrid; ** = Trade name following official registration

Irwin Morrow, Cornwall Forage Results, 2024



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

Irwin Morrow, Cornwall, 2024, Dry Matter % vs Dry Matter Yield Scatter Results



Trial Host	<i>Irwin Morrow</i>	County:	<i>Cornwall</i>
Year	<i>2024</i>	Planting Date:	
Trial Type	<i>Whole Plant Forage</i>	Harvest Date:	<i>21st October 2024</i>
Trial Type	<i>Open</i>		

Hybrid	Fresh Weight Yield	Dry Matter Content	Dry Matter Yield	Relative Dry Matter Yield Index (C = 100%)	Starch Content	Starch Dry Matter Yield	Starch Yield Converted to Grain Yield at 15% Moisture	Sugar Content	Sugar Dry Matter Yield	Whole Plant Digestibility
Name	tonnes /hectare	%	tonnes /hectare	%	% of dry matter	tonnes /hectare	tonnes /hectare	% of dry matter	tonnes /hectare	% of dry matter
P72847	45.272	36.9%	16.710	111.9%	35.4%	5.920	9.054	1.2%	0.201	74.1%
saxon*	45.017	37.0%	16.668	111.6%	37.1%	6.181	9.454	1.2%	0.200	74.2%
P7647	55.973	29.7%	16.624	111.3%	35.2%	5.848	8.945	1.2%	0.199	75.3%
P7655	50.833	32.4%	16.471	110.3%	28.1%	4.632	7.084	1.2%	0.198	71.1%
DS1959C	61.273	26.5%	16.245	108.8%	28.4%	4.608	7.048	1.2%	0.195	72.1%
DS1897B	61.020	26.5%	16.152	108.2%	31.5%	5.080	7.769	1.2%	0.194	73.2%
P7948	61.071	26.4%	16.137	108.1%	27.6%	4.449	6.805	1.2%	0.194	70.2%
P7364	54.986	28.2%	15.482	103.7%	33.8%	5.239	8.012	1.2%	0.186	73.4%
P7381	52.302	28.9%	15.095	101.1%	34.4%	5.195	7.945	1.2%	0.181	73.6%
P7034 (C)	47.778	31.3%	14.931	100.0%	34.3%	5.114	7.821	1.2%	0.179	73.6%
prospect*	47.600	30.1%	14.316	95.9%	35.2%	5.039	7.706	1.2%	0.172	74.0%
P7179	42.541	33.5%	14.244	95.4%	34.4%	4.906	7.503	1.2%	0.171	72.1%
P8200	58.333	24.4%	14.236	95.4%	25.8%	3.674	5.619	1.2%	0.171	69.8%
kws pasco*	36.214	36.0%	13.043	87.4%	33.6%	4.379	6.697	1.2%	0.157	71.5%

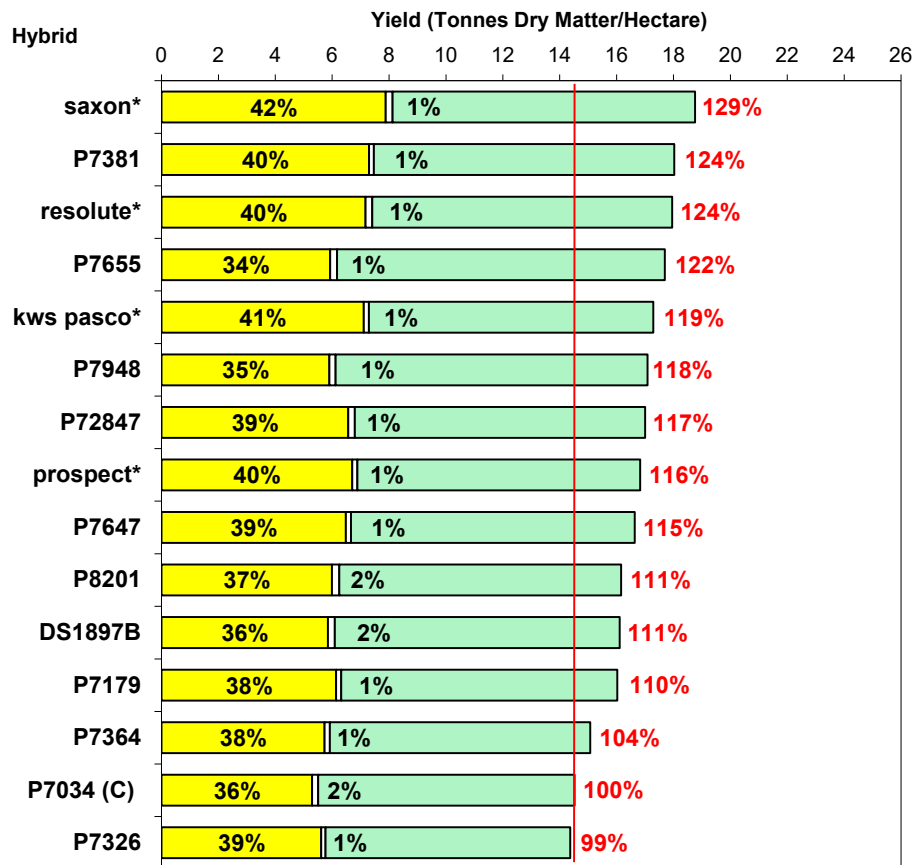
Hybrid	Neutral Detergent Fibre (NDF)	NDFD 30 Hours (%)	uNDF 240 Hours (%)	Metabolisable Energy (ME)	Metabolisable Energy (ME)	Fermentable Organic Dry Matter	Methane Yield	Methane Yield	Pioneer Rumen Degradable Starch Content (Grain Test)	Pioneer Rumen Degradable Starch Yield (Grain Test)
Name	% of dry matter	%	%	mega joules/kg dry matter	MJ ME (000's) / Ha	g/kg dry matter	litres/kg dry matter	litres/ha (000's)	%	tonnes dry matter / hectare
P72847	45.3%			12.3	205	781	328	5,481		
saxon*	43.4%			12.3	205	785	330	5,498		
P7647	41.1%			12.5	207	795	334	5,550		
P7655	50.9%			11.8	194	760	319	5,258		
DS1959C	47.1%			11.9	194	767	322	5,232		
DS1897B	44.5%			12.1	196	774	325	5,250		
P7948	49.5%			11.6	188	746	313	5,058		
P7364	43.0%			12.2	188	777	326	5,054		
P7381	40.8%			12.2	184	779	327	4,941		
P7034 (C)	42.1%			12.2	182	776	326	4,867		
prospect*	40.7%			12.2	175	781	328	4,699		
P7179	42.3%			11.9	170	769	323	4,601		
P8200	48.8%			11.6	165	748	314	4,475		
kws pasco*	43.0%			11.8	154	766	322	4,196		

C = Control Hybrid; * = Competitor hybrid; ** = Trade name following official registration

Arnold Dare, Devon, Forage Results, 2024

Fresh Yield (t/ha) Dry Matter (%)

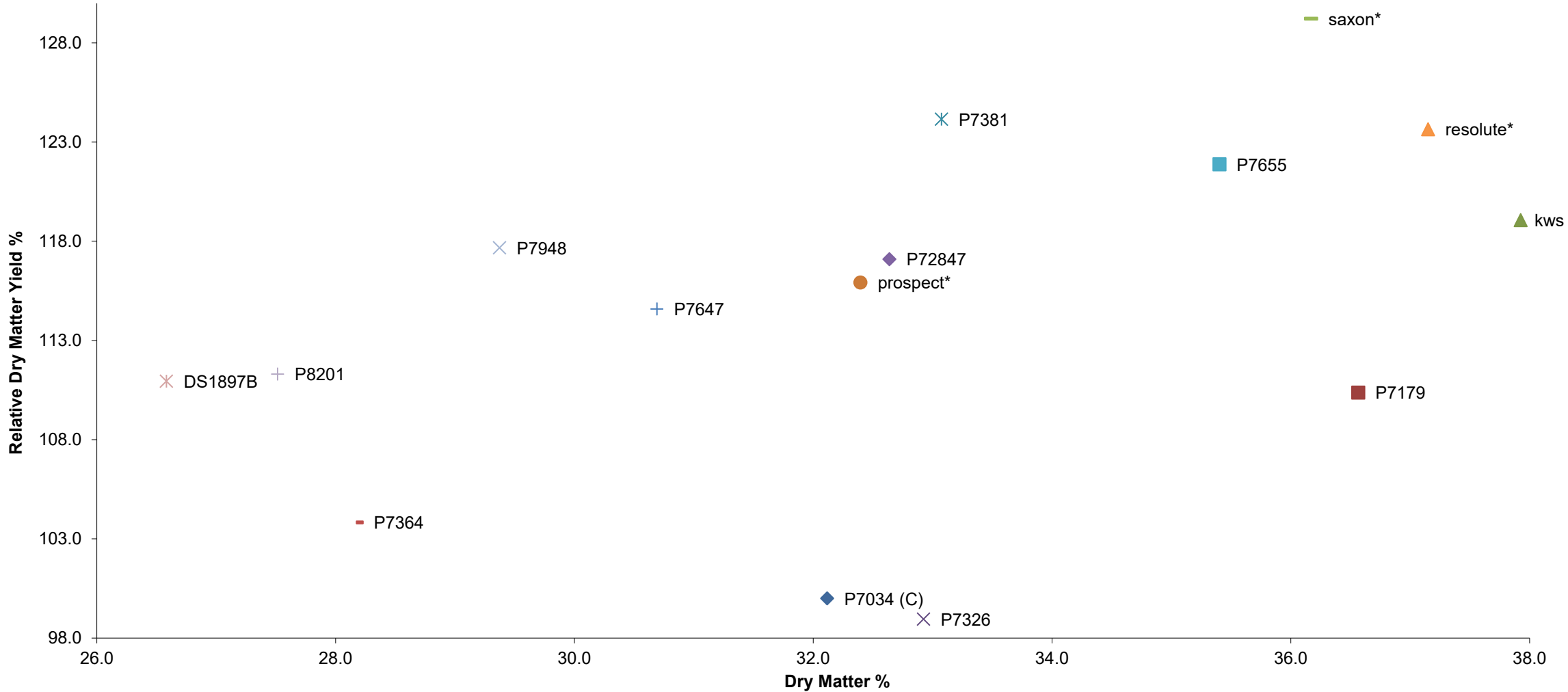
Whole Plant Digestibility (%) Starch Yield Converted to Grain at 15% Moisture (t/ha)



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

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

Arnold Dare, County, 2024, Dry Matter % vs Dry Matter Yield Scatter Results



Trial Host	Arnold Dare	County:	Devon
Year	2024	Planting Date:	8th May 2024
Trial Type	Whole Plant Forage	Harvest Date:	17th October 2024
Trial Type	Open		

Hybrid	Fresh Weight Yield	Dry Matter Content	Dry Matter Yield	Relative Dry Matter Yield Index (C = 100%)	Starch Content	Starch Dry Matter Yield	Starch Yield Converted to Grain Yield at 15% Moisture	Sugar Content	Sugar Dry Matter Yield	Whole Plant Digestibility
Name	tonnes /hectare	%	tonnes /hectare	%	% of dry matter	tonnes /hectare	tonnes /hectare	% of dry matter	tonnes /hectare	% of dry matter
saxon*	51.874	36.2%	18.763	129.2%	42.0%	7.884	12.058	1.3%	0.241	78.7%
P7381	54.505	33.1%	18.027	124.2%	40.5%	7.299	11.163	0.9%	0.168	75.7%
resolute*	48.326	37.1%	17.953	123.6%	40.0%	7.172	10.969	1.3%	0.239	76.7%
P7655	49.988	35.4%	17.697	121.9%	33.5%	5.928	9.067	1.4%	0.245	75.8%
kws pasco*	45.587	37.9%	17.289	119.1%	41.2%	7.115	10.882	1.0%	0.178	76.2%
P7948	58.170	29.4%	17.086	117.7%	34.5%	5.901	9.025	1.3%	0.220	74.6%
P72847	52.094	32.6%	17.002	117.1%	38.6%	6.569	10.047	1.4%	0.230	75.9%
prospect*	51.957	32.4%	16.832	115.9%	39.9%	6.708	10.259	1.1%	0.177	77.5%
P7647	54.212	30.7%	16.638	114.6%	38.9%	6.480	9.910	1.1%	0.184	76.2%
P8201	58.738	27.5%	16.161	111.3%	37.1%	5.993	9.165	1.6%	0.261	76.3%
DS1897B	60.598	26.6%	16.109	110.9%	36.3%	5.851	8.948	1.5%	0.242	75.7%
P7179	43.830	36.6%	16.026	110.4%	38.3%	6.140	9.391	1.1%	0.177	76.3%
P7364	53.503	28.2%	15.075	103.8%	38.0%	5.732	8.767	1.2%	0.185	75.2%
P7034 (C)	45.208	32.1%	14.519	100.0%	36.5%	5.292	8.094	1.5%	0.218	74.4%
P7326	43.640	32.9%	14.368	99.0%	39.1%	5.617	8.591	1.0%	0.150	74.7%

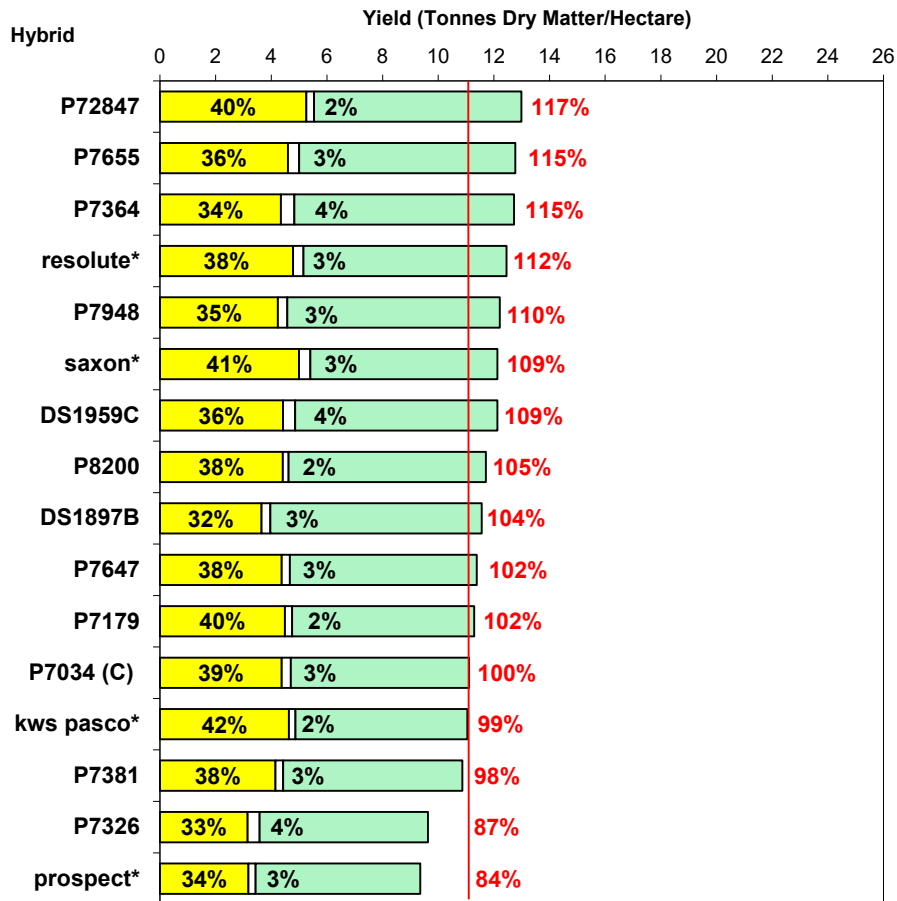
Hybrid	Neutral Detergent Fibre (NDF)	NDFD 30 Hours (%)	uNDF 240 Hours (%)	Metabolisable Energy (ME)	Metabolisable Energy (ME)	Fermentable Organic Dry Matter	Methane Yield	Methane Yield	Pioneer Rumen Degradable Starch Content (Grain Test)	Pioneer Rumen Degradable Starch Yield (Grain Test)
Name	% of dry matter	%	%	mega joules/kg dry matter	MJ ME (000's) / Ha	g/kg dry matter	litres/kg dry matter	litres/ha (000's)	%	tonnes dry matter / hectare
saxon*	35.6%			13.0	244	818	344	6,448	63.8	5.027
P7381	36.9%			12.5	226	797	335	6,034	56.3	4.106
resolute*	39.1%			12.7	228	805	338	6,072	63.3	4.542
P7655	45.6%			12.6	222	796	334	5,916	55.4	3.283
kws pasco*	38.3%			12.6	218	802	337	5,824	66.0	4.694
P7948	43.2%			12.4	211	786	330	5,644	58.0	3.424
P72847	43.1%			12.6	214	800	336	5,716	57.6	3.783
prospect*	35.5%			12.8	216	807	339	5,704		
P7647	37.2%			12.6	210	801	336	5,594	56.9	3.688
P8201	39.1%			12.6	204	792	333	5,377		
DS1897B	38.4%			12.5	202	786	330	5,319		
P7179	40.2%			12.6	202	797	335	5,365	52.5	3.223
P7364	38.7%			12.4	188	791	332	5,008	61.8	3.542
P7034 (C)	41.4%			12.3	179	781	328	4,762	84.9	4.493
P7326	37.7%			12.4	178	785	330	4,736	76.3	4.286

C = Control Hybrid; * = Competitor hybrid; ** = Trade name following official registration

**Jamie Montgomery, Somerset,
Forage Results, 2024**

**Fresh Yield
(t/ha)** **Dry
Matter (%)**

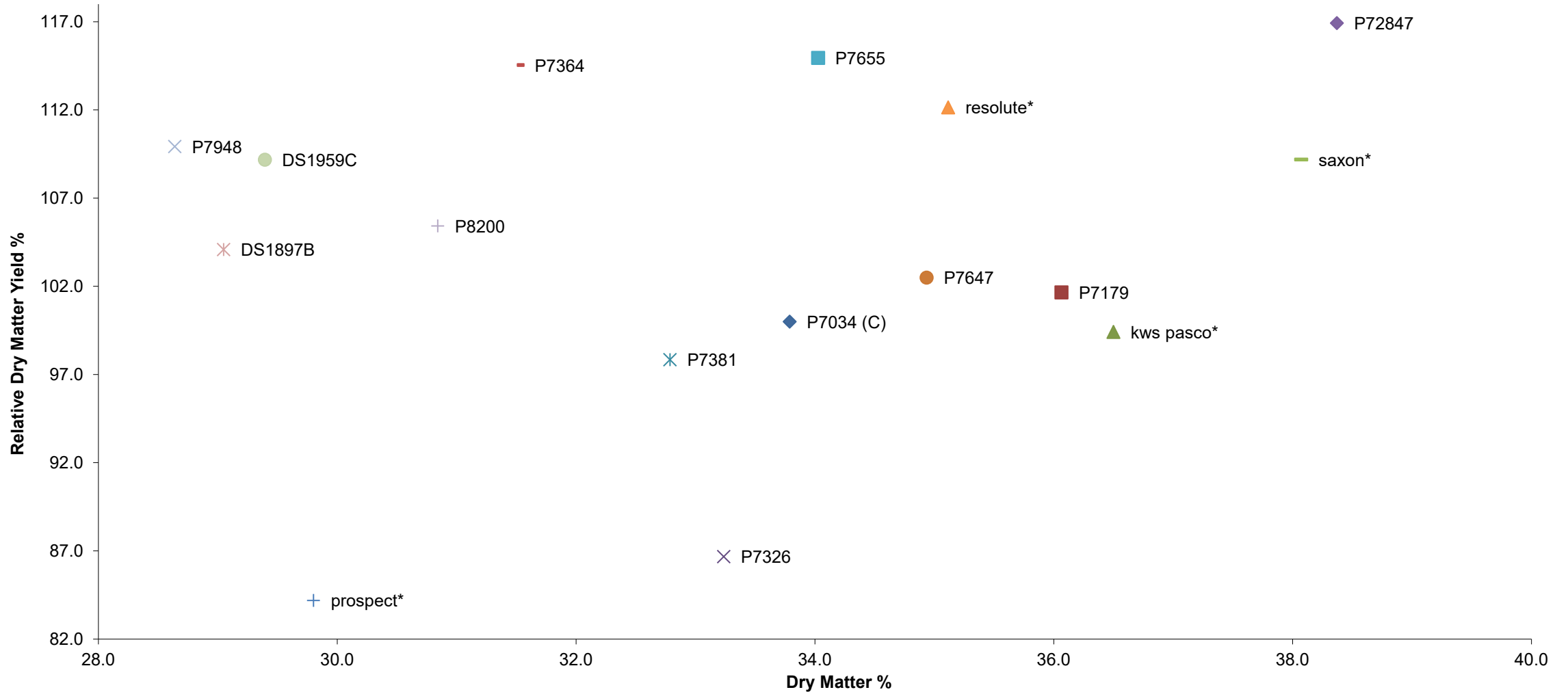
**Whole Plant
Digestibility
(%)** **Starch Yield
Converted to
Grain at 15%
Moisture (t/ha)**



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

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

Jamie Montgomery, Somerset, 2024, Dry Matter % vs Dry Matter Yield Scatter Results



Trial Host	<i>Jamie Montgomery</i>	County:	<i>Somerset</i>
Year	<i>2024</i>	Planting Date:	
Trial Type	<i>Whole Plant Forage</i>	Harvest Date:	<i>21st October 2024</i>
Trial Type	<i>Open</i>		

Hybrid	Fresh Weight Yield	Dry Matter Content	Dry Matter Yield	Relative Dry Matter Yield Index (C = 100%)	Starch Content	Starch Dry Matter Yield	Starch Yield Converted to Grain Yield at 15% Moisture	Sugar Content	Sugar Dry Matter Yield	Whole Plant Digestibility
Name	tonnes /hectare	%	tonnes /hectare	%	% of dry matter	tonnes /hectare	tonnes /hectare	% of dry matter	tonnes /hectare	% of dry matter
P72847	33.847	38.4%	12.987	116.9%	40.5%	5.258	8.041	2.1%	0.278	76.8%
P7655	37.525	34.0%	12.768	115.0%	36.0%	4.599	7.033	3.2%	0.403	76.5%
P7364	40.377	31.5%	12.723	114.5%	34.2%	4.347	6.648	3.8%	0.481	76.3%
resolute*	35.474	35.1%	12.457	112.1%	38.4%	4.780	7.311	3.0%	0.377	77.3%
P7948	42.633	28.6%	12.210	109.9%	34.7%	4.233	6.475	2.8%	0.340	75.2%
saxon*	31.856	38.1%	12.128	109.2%	41.2%	4.996	7.640	3.4%	0.407	79.3%
DS1959C	41.257	29.4%	12.127	109.2%	36.5%	4.422	6.763	3.6%	0.434	76.7%
P8200	37.969	30.8%	11.710	105.4%	37.7%	4.413	6.749	1.8%	0.211	75.5%
DS1897B	39.800	29.0%	11.561	104.1%	31.6%	3.649	5.581	2.7%	0.315	75.4%
P7647	32.588	34.9%	11.384	102.5%	38.4%	4.376	6.693	2.6%	0.293	77.6%
P7179	31.310	36.1%	11.292	101.7%	39.7%	4.488	6.864	2.3%	0.259	77.2%
P7034 (C)	32.874	33.8%	11.108	100.0%	39.4%	4.371	6.685	3.0%	0.330	76.8%
kws pasco*	30.254	36.5%	11.043	99.4%	42.0%	4.635	7.089	2.1%	0.235	78.0%
P7381	33.147	32.8%	10.868	97.8%	38.2%	4.146	6.341	2.6%	0.281	76.7%
P7326	28.967	33.2%	9.628	86.7%	32.7%	3.149	4.816	4.5%	0.428	75.7%
prospect*	31.380	29.8%	9.352	84.2%	34.0%	3.180	4.863	2.8%	0.258	75.9%
Hybrid	Neutral Detergent Fibre (NDF)	NDFD 30 Hours (%)	uNDF 240 Hours (%)	Metabolisable Energy (ME)	Metabolisable Energy (ME)	Fermentable Organic Dry Matter	Methane Yield	Methane Yield	Pioneer Rumen Degradable Starch Content (Grain Test)	Pioneer Rumen Degradable Starch Yield (Grain Test)
Name	% of dry matter	%	%	mega joules/kg dry matter	MJ ME (000's) / Ha	g/kg dry matter	litres/kg dry matter	litres/ha (000's)	%	tonnes dry matter / hectare
P72847	38.2%			12.7	165	807	339	4,404	51.6	2.714
P7655	41.2%			12.7	162	800	336	4,289		
P7364	40.3%			12.6	161	800	336	4,274	63.5	2.762
resolute*	37.6%			12.8	159	804	338	4,206		
P7948	43.4%			12.4	152	786	330	4,032		
saxon*	35.6%			13.1	159	827	347	4,211	66.6	3.329
DS1959C	39.3%			12.7	154	801	336	4,081		
P8200	39.7%			12.5	146	796	334	3,914		
DS1897B	45.2%			12.5	144	787	331	3,824		
P7647	39.8%			12.8	146	812	341	3,880	58.7	2.568
P7179	36.8%			12.8	144	808	339	3,830	48.1	2.158
P7034 (C)	37.3%			12.7	141	803	337	3,745	83.9	3.665
kws pasco*	35.9%			12.9	143	811	341	3,763	73.0	3.385
P7381	39.2%			12.7	138	800	336	3,649	60.5	2.506
P7326	42.3%			12.5	121	791	332	3,198	75.9	2.390
prospect*	40.6%			12.6	117	797	335	3,131		

C = Control Hybrid; * = Competitor hybrid; ** = Trade name following official registration

**Kingspool Holsteins, Bristol,
Forage Results, 2024**

Fresh Yield (t/ha) Dry Matter (%)

Hybrid

Yield (Tonnes Dry Matter/Hectare)

Whole Plant Digestibility (%)

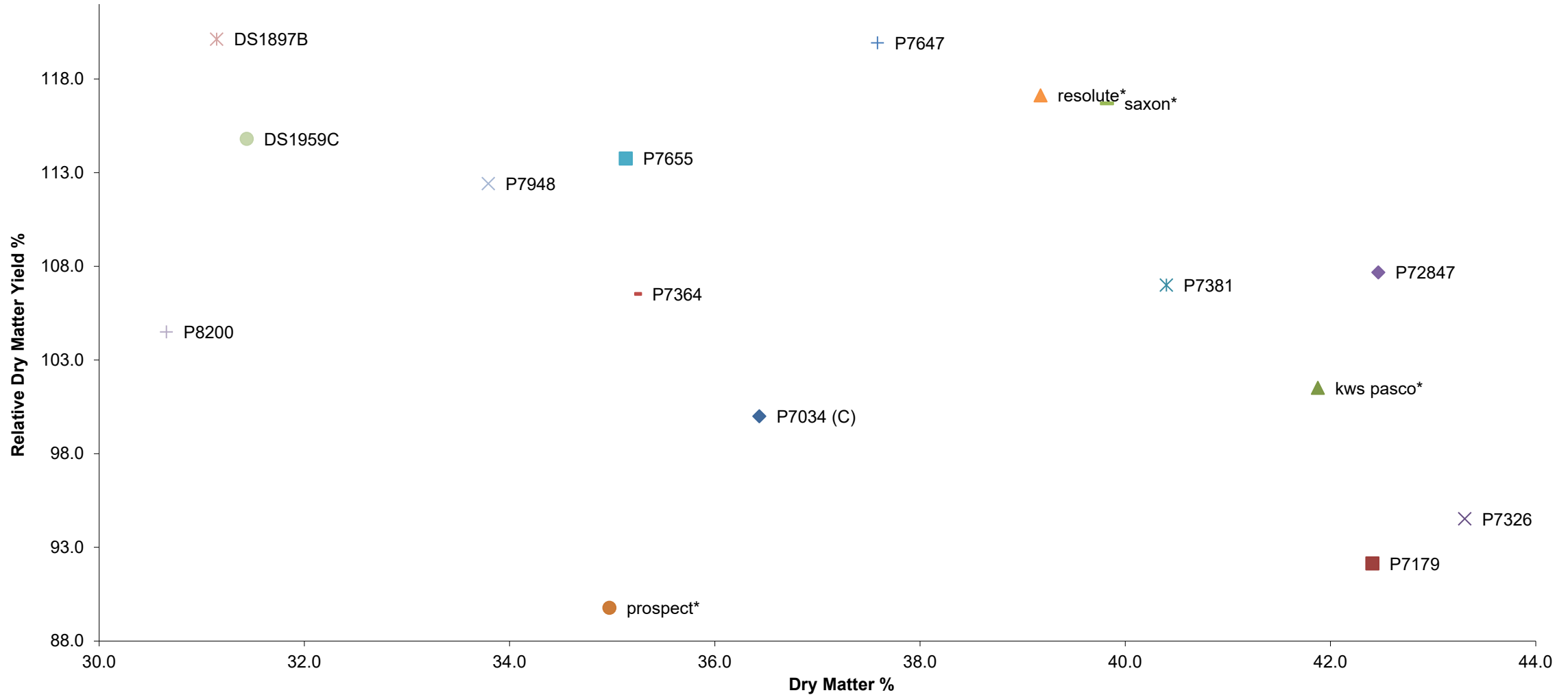
Starch Yield Converted to Grain at 15% Moisture (t/ha)

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)
61.171	31.1%	DS1897B	120%	77%	9.953
50.606	37.6%	P7647	120%	79%	10.436
47.420	39.2%	resolute*	117%	80%	13.113
46.477	39.8%	saxon*	117%	79%	11.884
57.917	31.4%	DS1959C	115%	76%	10.027
51.352	35.1%	P7655	114%	79%	11.342
52.759	33.8%	P7948	112%	77%	9.399
40.217	42.5%	P72847	108%	79%	10.374
42.003	40.4%	P7381	107%	80%	11.115
47.967	35.2%	P7364	107%	77%	7.899
54.067	30.7%	P8200	105%	76%	8.374
38.447	41.9%	kws pasco*	102%	78%	10.218
43.531	36.4%	P7034 (C)	100%	79%	9.682
34.615	43.3%	P7326	95%	77%	9.244
34.461	42.4%	P7179	92%	78%	8.813
40.713	35.0%	prospect*	90%	78%	8.166



C = Control Hybrid; * = Competitor hybrid; ** = Hybrid trade name following official registration

Kingspool Holsteins, Bristol, 2024, Dry Matter % vs Dry Matter Yield Scatter Results



Trial Host	Kingspool Holsteins	County:	Bristol
Year	2024	Planting Date:	26th April 2024
Trial Type	Whole Plant Forage	Harvest Date:	28th September 2024
Trial Type	Open		

Hybrid	Fresh Weight Yield	Dry Matter Content	Dry Matter Yield	Relative Dry Matter Yield Index (C = 100%)	Starch Content	Starch Dry Matter Yield	Starch Yield Converted to Grain Yield at 15% Moisture	Sugar Content	Sugar Dry Matter Yield	Whole Plant Digestibility
Name	tonnes /hectare	%	tonnes /hectare	%	% of dry matter	tonnes /hectare	tonnes /hectare	% of dry matter	tonnes /hectare	% of dry matter
DS1897B	61.171	31.1%	19.052	120.1%	34.2%	6.507	9.953	4.9%	0.926	77.3%
P7647	50.606	37.6%	19.020	119.9%	35.9%	6.823	10.436	4.7%	0.889	78.9%
resolute*	47.420	39.2%	18.576	117.1%	46.2%	8.574	13.113	3.3%	0.609	80.3%
saxon*	46.477	39.8%	18.508	116.7%	42.0%	7.771	11.884	3.4%	0.620	79.1%
DS1959C	57.917	31.4%	18.208	114.8%	36.0%	6.556	10.027	4.8%	0.868	76.3%
P7655	51.352	35.1%	18.041	113.8%	41.1%	7.416	11.342	3.4%	0.616	78.6%
P7948	52.759	33.8%	17.829	112.4%	34.5%	6.145	9.399	5.4%	0.956	77.5%
P72847	40.217	42.5%	17.078	107.7%	39.7%	6.783	10.374	2.5%	0.435	78.5%
P7381	42.003	40.4%	16.969	107.0%	42.8%	7.267	11.115	3.2%	0.539	79.7%
P7364	47.967	35.2%	16.894	106.5%	30.6%	5.165	7.899	5.0%	0.837	76.7%
P8200	54.067	30.7%	16.574	104.5%	33.0%	5.475	8.374	3.8%	0.632	76.3%
kws pasco*	38.447	41.9%	16.100	101.5%	41.5%	6.681	10.218	2.8%	0.453	78.1%
P7034 (C)	43.531	36.4%	15.860	100.0%	39.9%	6.331	9.682	4.1%	0.650	78.5%
P7326	34.615	43.3%	14.991	94.5%	40.3%	6.044	9.244	3.2%	0.479	77.0%
P7179	34.461	42.4%	14.614	92.1%	39.4%	5.762	8.813	4.2%	0.612	78.0%
prospect*	40.713	35.0%	14.238	89.8%	37.5%	5.340	8.166	3.0%	0.422	77.7%
Hybrid	Neutral Detergent Fibre (NDF)	NDFD 30 Hours (%)	uNDF 240 Hours (%)	Metabolisable Energy (ME)	Metabolisable Energy (ME)	Fermentable Organic Dry Matter	Methane Yield	Methane Yield	Pioneer Rumen Degradable Starch Content (Grain Test)	Pioneer Rumen Degradable Starch Yield (Grain Test)
Name	% of dry matter	%	%	mega joules/kg dry matter	MJ ME (000's) / Ha	g/kg dry matter	litres/kg dry matter	litres/ha (000's)	%	tonnes dry matter / hectare
DS1897B	39.5%			12.8	244	806	338	6.446		
P7647	39.2%			13.1	248	823	346	6.578	46.8	3.191
resolute*	30.8%			13.3	247	833	350	6.498	49.9	4.274
saxon*	35.6%			13.1	242	826	347	6.418	56.3	4.372
DS1959C	39.1%			12.6	230	799	336	6.114		
P7655	34.3%			13.0	235	820	344	6.211	55.4	4.106
P7948	39.0%			12.8	229	808	339	6.048	50.1	3.078
P72847	37.8%			13.0	222	821	345	5.888	50.3	3.412
P7381	35.7%			13.2	224	828	348	5.903	53.6	3.896
P7364	43.0%			12.7	214	802	337	5.689	54.7	2.826
P8200	41.5%			12.6	209	795	334	5.534		
kws pasco*	35.6%			12.9	208	814	342	5.505	53.4	3.567
P7034 (C)	36.1%			13.0	206	815	342	5.431	64.9	4.107
P7326	36.0%			12.8	191	804	338	5.063	68.2	4.121
P7179	37.8%			12.9	189	813	342	4.992	49.4	2.847
prospect*	39.7%			12.9	183	811	341	4.850		

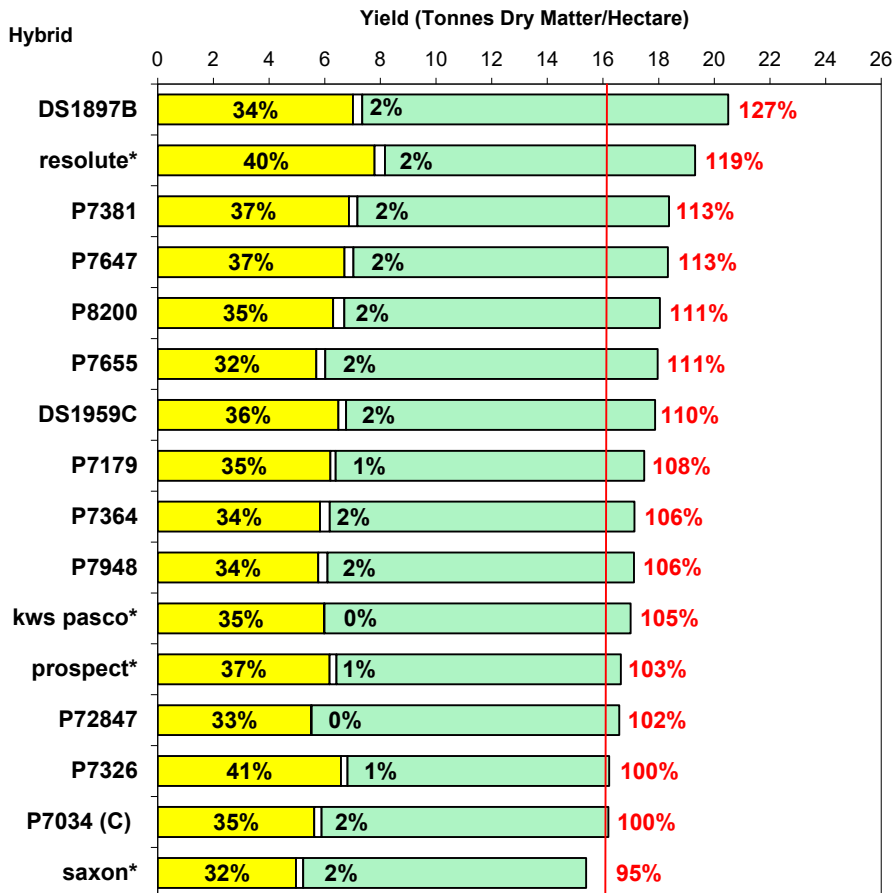
C = Control Hybrid; * = Competitor hybrid; ** = Trade name following official registration

**Angus Dart, Oxfordshire,
Forage Results, 2024**

Fresh Yield (t/ha) Dry Matter (%)

Whole Plant Digestibility (%)

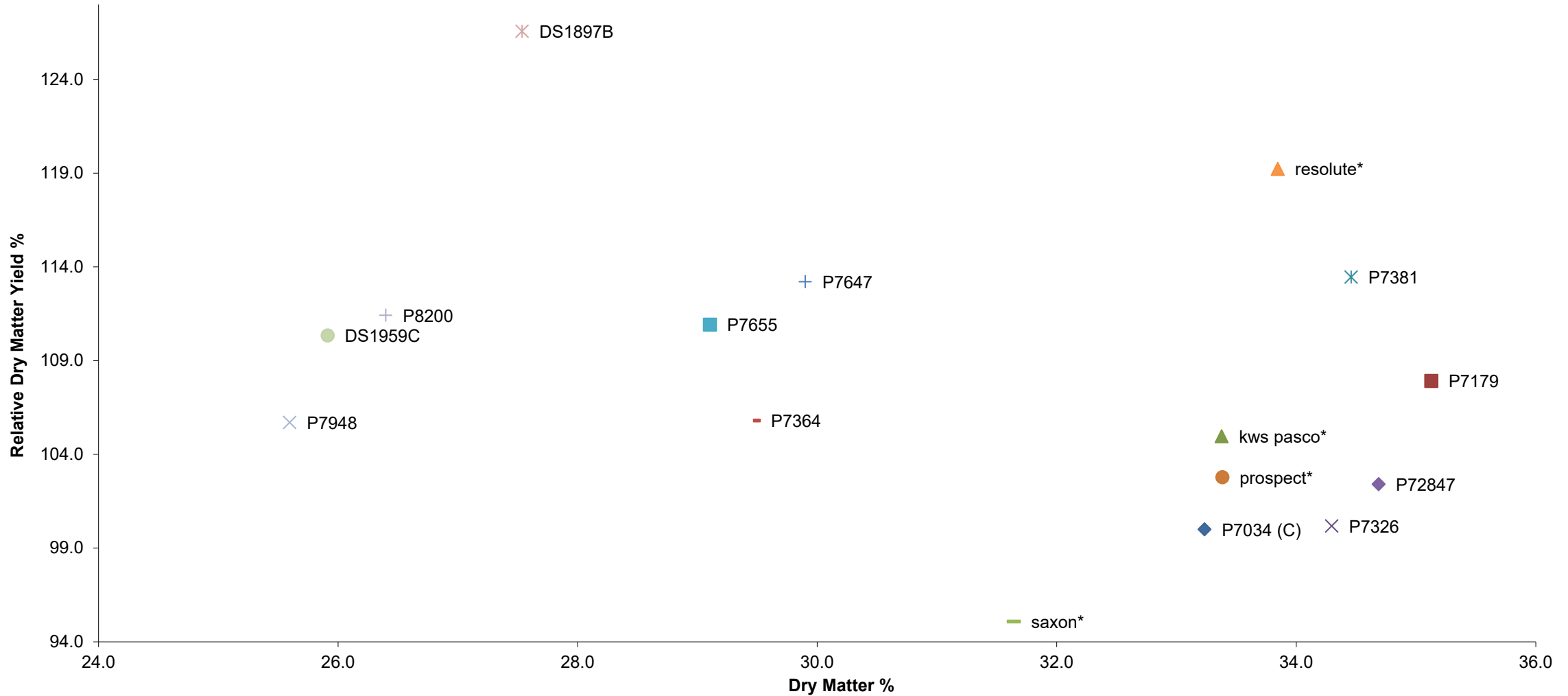
Starch Yield Converted to Grain at 15% Moisture (t/ha)



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

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

Angus Dart, Oxfordshire, 2024, Dry Matter % vs Dry Matter Yield Scatter Results



Trial Host	Angus Dart	County:	Oxfordshire
Year	2024	Planting Date:	10th May 2024
Trial Type	Whole Plant Forage	Harvest Date:	1st october 2024
Trial Type	Open		

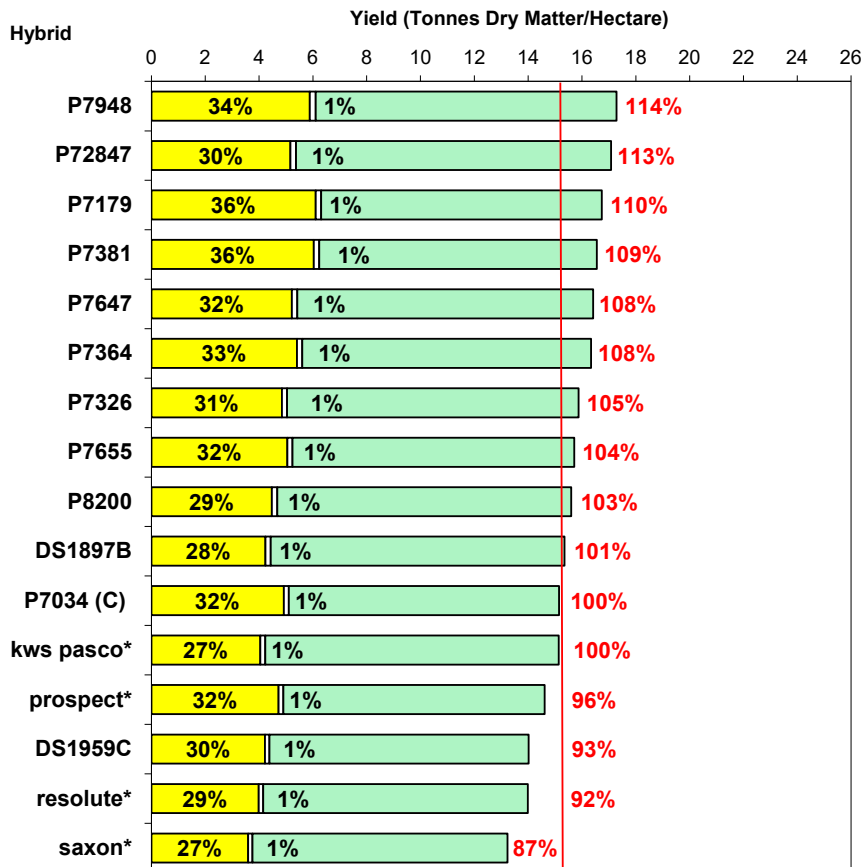
Hybrid	Fresh Weight Yield	Dry Matter Content	Dry Matter Yield	Relative Dry Matter Yield Index (C = 100%)	Starch Content	Starch Dry Matter Yield	Starch Yield Converted to Grain Yield at 15% Moisture	Sugar Content	Sugar Dry Matter Yield	Whole Plant Digestibility
Name	tonnes /hectare	%	tonnes /hectare	%	% of dry matter	tonnes /hectare	tonnes /hectare	% of dry matter	tonnes /hectare	% of dry matter
DS1897B	74.434	27.5%	20.496	126.6%	34.2%	7.014	10.727	1.6%	0.334	74.4%
resolute*	57.046	33.8%	19.307	119.2%	40.4%	7.792	11.917	1.9%	0.375	75.9%
P7381	53.319	34.5%	18.373	113.5%	37.4%	6.870	10.506	1.7%	0.308	73.9%
P7647	61.313	29.9%	18.332	113.2%	36.6%	6.710	10.263	1.8%	0.322	75.2%
P8200	68.351	26.4%	18.043	111.4%	34.9%	6.300	9.635	2.2%	0.403	75.0%
P7655	61.713	29.1%	17.961	110.9%	31.7%	5.697	8.713	1.8%	0.323	74.3%
DS1959C	68.958	25.9%	17.869	110.3%	36.3%	6.491	9.927	1.6%	0.278	74.7%
P7179	49.750	35.1%	17.476	107.9%	35.5%	6.201	9.484	1.1%	0.190	74.9%
P7364	58.135	29.5%	17.133	105.8%	34.0%	5.831	8.919	2.0%	0.346	75.2%
P7948	66.874	25.6%	17.117	105.7%	33.7%	5.764	8.816	2.0%	0.336	72.1%
kws pasco*	50.927	33.4%	16.998	105.0%	35.1%	5.971	9.132	0.1%	0.019	74.3%
prospect*	49.858	33.4%	16.644	102.8%	37.1%	6.174	9.443	1.5%	0.247	75.2%
P72847	47.810	34.7%	16.584	102.4%	33.2%	5.506	8.421	0.2%	0.026	73.8%
P7326	47.302	34.3%	16.223	100.2%	40.6%	6.580	10.064	1.5%	0.238	76.4%
P7034 (C)	48.727	33.2%	16.194	100.0%	34.7%	5.625	8.602	1.6%	0.259	73.6%
saxon*	48.660	31.6%	15.397	95.1%	32.3%	4.966	7.595	1.7%	0.256	72.1%
Hybrid	Neutral Detergent Fibre (NDF)	NDFD 30 Hours (%)	uNDF 240 Hours (%)	Metabolisable Energy (ME)	Metabolisable Energy (ME)	Fermentable Organic Dry Matter	Methane Yield	Methane Yield	Pioneer Rumen Degradable Starch Content (Grain Test)	Pioneer Rumen Degradable Starch Yield (Grain Test)
Name	% of dry matter	%	%	mega joules/kg dry matter	MJ ME (000's) / Ha	g/kg dry matter	litres/kg dry matter	litres/ha (000's)	%	tonnes dry matter / hectare
DS1897B	44.4%			12.3	252	778	327	6,700		
resolute*	38.3%			12.6	243	793	333	6,430		
P7381	40.5%			12.2	225	779	327	6,009		
P7647	39.2%			12.4	228	790	332	6,084		
P8200	41.9%			12.4	224	776	326	5,878		
P7655	44.0%			12.3	221	779	327	5,880		
DS1959C	42.9%			12.4	221	778	327	5,841		
P7179	42.4%			12.4	217	788	331	5,786		
P7364	41.8%			12.4	213	785	330	5,646		
P7948	44.0%			11.9	204	761	320	5,474		
kws pasco*	42.4%			12.3	209	785	330	5,607		
prospect*	39.5%			12.5	207	788	331	5,511		
P72847	43.1%			12.2	203	776	326	5,404		
P7326	36.8%			12.6	205	800	336	5,450		
P7034 (C)	44.0%			12.2	197	769	323	5,230		
saxon*	43.7%			11.9	184	760	319	4,917		

Tim Russon, Lincolnshire, Forage Results, 2024

Fresh Yield (t/ha) Dry Matter (%)

Whole Plant Digestibility (%)

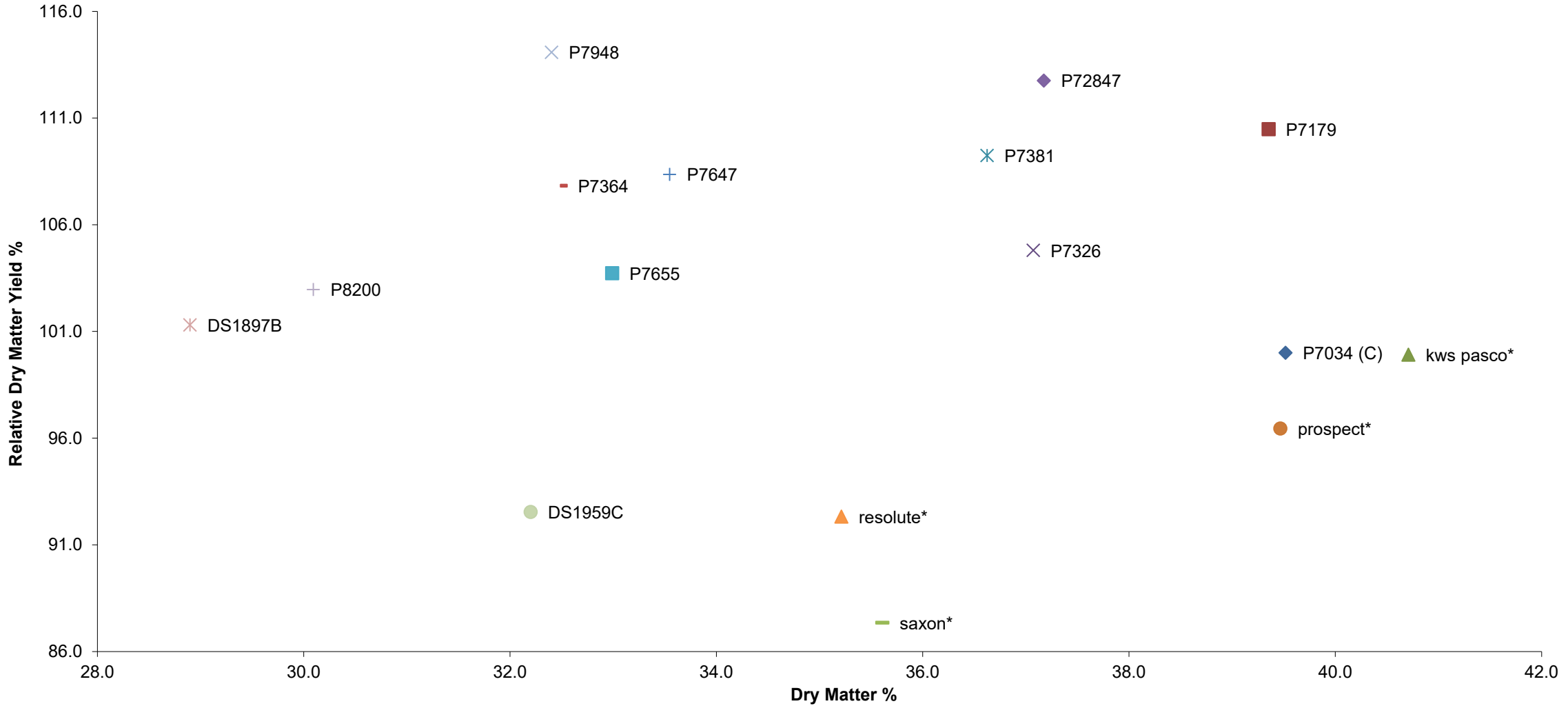
Starch Yield Converted to Grain at 15% Moisture (t/ha)



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

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

Tim Russon, Lincolnshire, 2024, Dry Matter % vs Dry Matter Yield Scatter Results

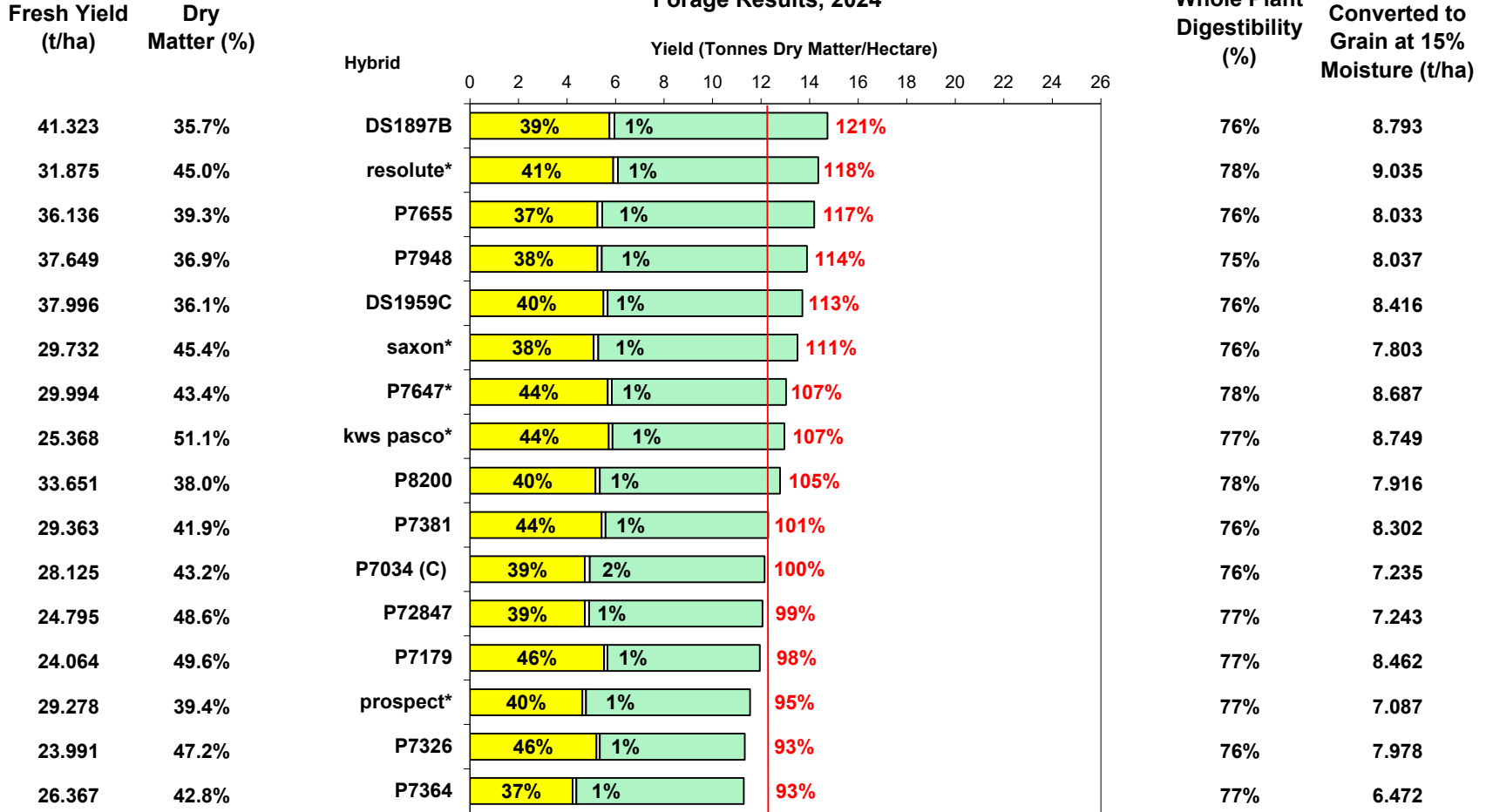


Trial Host	Tim Russon	County:	Lincolnshire
Year	2024	Planting Date:	12th May 2024
Trial Type	Whole Plant Forage	Harvest Date:	15th October 2024
Trial Type	Open		

Hybrid	Fresh Weight Yield	Dry Matter Content	Dry Matter Yield	Relative Dry Matter Yield Index (C = 100%)	Starch Content	Starch Dry Matter Yield	Starch Yield Converted to Grain Yield at 15% Moisture	Sugar Content	Sugar Dry Matter Yield	Whole Plant Digestibility
Name	tonnes /hectare	%	tonnes /hectare	%	% of dry matter	tonnes /hectare	tonnes /hectare	% of dry matter	tonnes /hectare	% of dry matter
P7948	53.331	32.4%	17.281	114.1%	34.1%	5.885	9.000	1.2%	0.216	75.9%
P72847	45.948	37.2%	17.080	112.8%	30.2%	5.164	7.897	1.2%	0.208	72.0%
P7179	42.527	39.4%	16.736	110.5%	36.5%	6.105	9.336	1.2%	0.204	74.4%
P7381	45.183	36.6%	16.548	109.2%	36.5%	6.034	9.228	1.2%	0.201	73.2%
P7647	48.931	33.5%	16.414	108.4%	31.8%	5.218	7.981	1.2%	0.200	72.8%
P7364	50.272	32.5%	16.333	107.8%	33.1%	5.407	8.270	1.2%	0.199	72.7%
P7326	42.822	37.1%	15.875	104.8%	30.5%	4.848	7.414	1.2%	0.193	70.6%
P7655	47.632	33.0%	15.713	103.7%	32.2%	5.053	7.729	1.2%	0.186	73.5%
P8200	51.831	30.1%	15.597	103.0%	28.7%	4.475	6.844	1.3%	0.200	71.1%
DS1897B	53.105	28.9%	15.346	101.3%	27.6%	4.238	6.482	1.2%	0.192	70.8%
P7034 (C)	38.333	39.5%	15.148	100.0%	32.5%	4.918	7.522	1.2%	0.184	73.0%
kws pasco*	37.180	40.7%	15.135	99.9%	26.7%	4.046	6.188	1.2%	0.184	71.4%
prospect*	37.021	39.5%	14.611	96.5%	32.3%	4.722	7.221	1.2%	0.178	72.9%
DS1959C	43.536	32.2%	14.018	92.5%	30.1%	4.221	6.456	1.2%	0.164	73.4%
resolute*	39.719	35.2%	13.986	92.3%	28.5%	3.988	6.099	1.2%	0.163	73.2%
saxon*	37.160	35.6%	13.232	87.4%	27.1%	3.591	5.492	1.2%	0.161	71.4%
Hybrid	Neutral Detergent Fibre (NDF)	NDFD 30 Hours (%)	uNDF 240 Hours (%)	Metabolisable Energy (ME)	Metabolisable Energy (ME)	Fermentable Organic Dry Matter	Methane Yield	Methane Yield	Pioneer Rumen Degradable Starch Content (Grain Test)	Pioneer Rumen Degradable Starch Yield (Grain Test)
Name	% of dry matter	%	%	mega joules/kg dry matter	MJ ME (000's) / Ha	g/kg dry matter	litres/kg dry matter	litres/ha (000's)	%	tonnes dry matter / hectare
P7948	44.6%			12.6	217	796	334	5,777		
P72847	46.6%			11.9	204	760	319	5,450		
P7179	40.7%			12.3	206	784	329	5,509		
P7381	42.4%			12.1	200	768	323	5,340		
P7647*	43.9%			12.0	198	760	319	5,238		
P7364	45.5%			12.0	197	770	323	5,282		
P7326	46.3%			11.7	186	740	311	4,937		
P7655	44.9%			12.2	191	778	327	5,134		
P8200	46.6%			11.8	184	752	316	4,924		
DS1897B	49.4%			11.7	180	751	316	4,842		
P7034 (C)	45.5%			12.1	183	763	320	4,854		
kws pasco*	49.7%			11.8	179	741	311	4,709		
prospect*	46.9%			12.1	176	758	318	4,650		
DS1959C	48.5%			12.2	170	768	322	4,519		
resolute*	49.7%			12.1	170	769	323	4,515		
saxon*	50.4%			11.8	156	747	314	4,149		

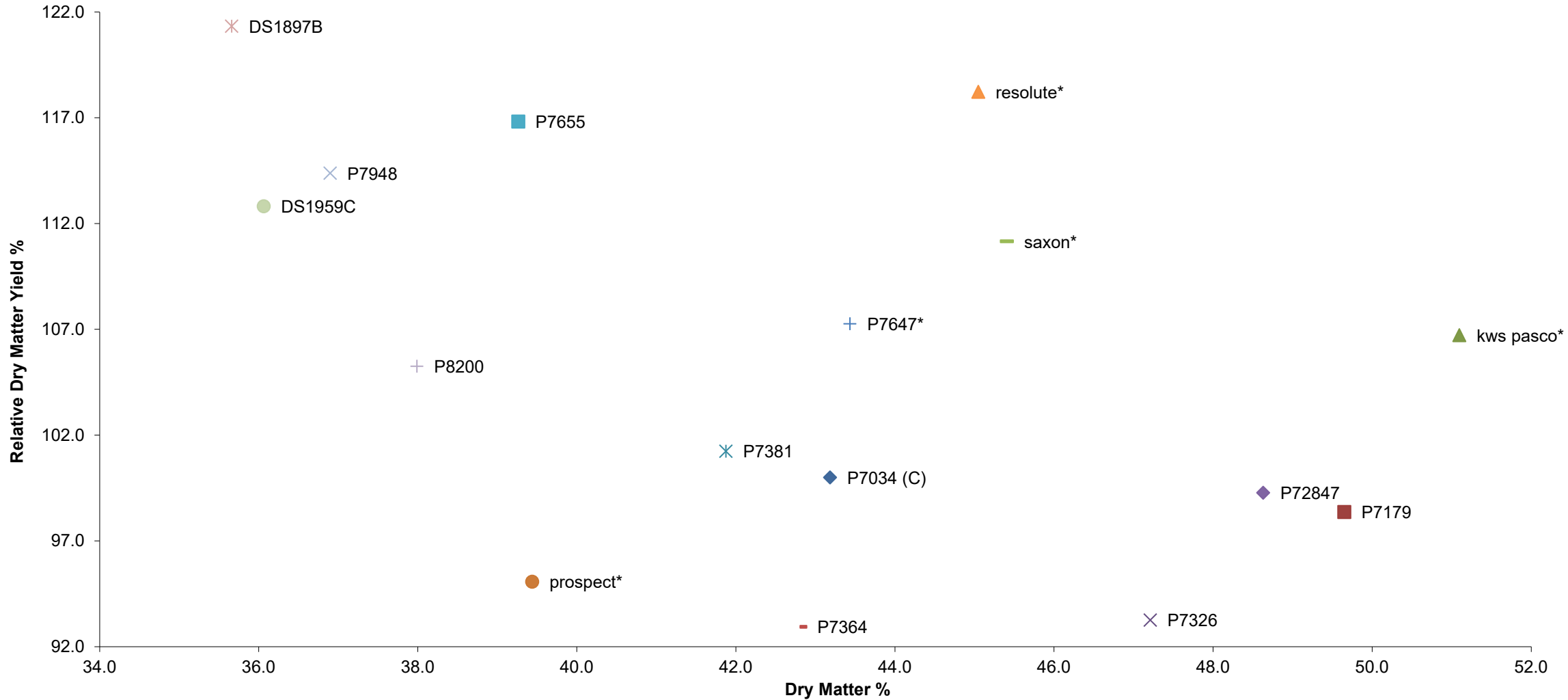
C = Control Hybrid; * = Competitor hybrid; ** = Trade name following official registration

**Severn Trent, Nottinghamshire,
Forage Results, 2024**



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

Severn Trent, Nottinghamshire, 2024, Dry Matter % vs Dry Matter Yield Scatter Results

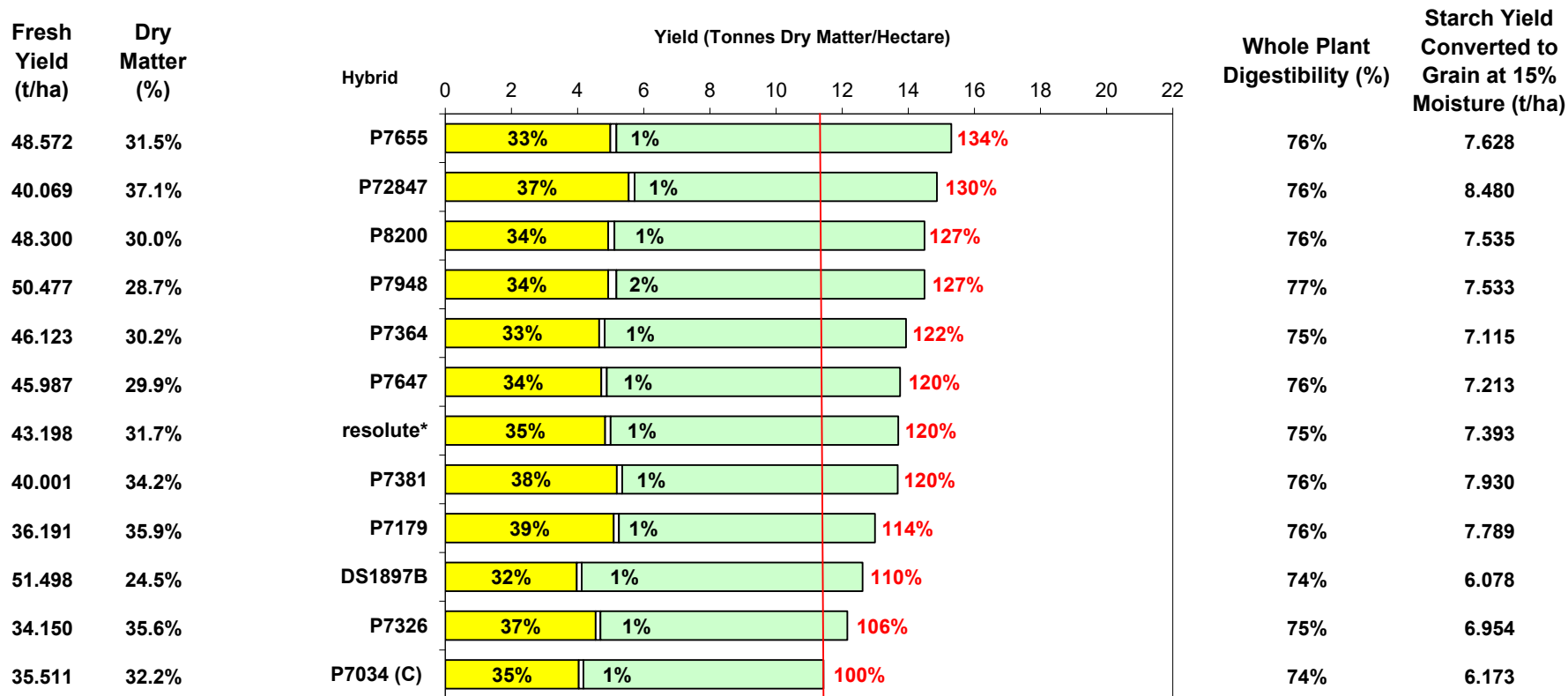


Trial Host	Severn Trent	County:	Nottinghamshire
Year	2024	Planting Date:	24th May 2024
Trial Type	Whole Plant Forage	Harvest Date:	25th September 2024
Trial Type	Open		

Hybrid	Fresh Weight Yield	Dry Matter Content	Dry Matter Yield	Relative Dry Matter Yield Index (C = 100%)	Starch Content	Starch Dry Matter Yield	Starch Yield Converted to Grain Yield at 15% Moisture	Sugar Content	Sugar Dry Matter Yield	Whole Plant Digestibility
Name	tonnes /hectare	%	tonnes /hectare	%	% of dry matter	tonnes /hectare	tonnes /hectare	% of dry matter	tonnes /hectare	% of dry matter
DS1897B	41.323	35.7%	14.736	121.3%	39.0%	5.750	8.793	1.4%	0.205	75.6%
resolute*	31.875	45.0%	14.359	118.2%	41.1%	5.907	9.035	1.3%	0.193	77.7%
P7655	36.136	39.3%	14.188	116.8%	37.0%	5.252	8.033	1.4%	0.197	75.8%
P7948	37.649	36.9%	13.892	114.4%	37.8%	5.255	8.037	1.3%	0.181	74.7%
DS1959C	37.996	36.1%	13.702	112.8%	40.2%	5.503	8.416	1.2%	0.171	76.5%
saxon*	29.732	45.4%	13.500	111.2%	37.8%	5.102	7.803	1.4%	0.187	76.1%
P7647*	29.994	43.4%	13.027	107.3%	43.6%	5.680	8.687	1.3%	0.169	77.5%
kws pasco*	25.368	51.1%	12.962	106.7%	44.1%	5.720	8.749	1.2%	0.154	77.1%
P8200	33.651	38.0%	12.784	105.3%	40.5%	5.176	7.916	1.4%	0.174	77.6%
P7381	29.363	41.9%	12.295	101.2%	44.1%	5.428	8.302	1.3%	0.160	76.1%
P7034 (C)	28.125	43.2%	12.145	100.0%	39.0%	4.731	7.235	1.7%	0.211	76.2%
P72847	24.795	48.6%	12.058	99.3%	39.3%	4.736	7.243	1.4%	0.171	76.7%
P7179	24.064	49.6%	11.947	98.4%	46.3%	5.533	8.462	1.2%	0.138	77.5%
prospect*	29.278	39.4%	11.547	95.1%	40.1%	4.634	7.087	1.3%	0.150	77.4%
P7326	23.991	47.2%	11.326	93.3%	46.1%	5.216	7.978	1.2%	0.139	75.9%
P7364	26.367	42.8%	11.287	92.9%	37.5%	4.232	6.472	1.4%	0.153	76.5%

Hybrid	Neutral Detergent Fibre (NDF)	NDFD 30 Hours (%)	uNDF 240 Hours (%)	Metabolisable Energy (ME)	Metabolisable Energy (ME)	Fermentable Organic Dry Matter	Methane Yield	Methane Yield	Pioneer Rumen Degradable Starch Content (Grain Test)	Pioneer Rumen Degradable Starch Yield (Grain Test)
Name	% of dry matter	%	%	mega joules/kg dry matter	MJ ME (000's) / Ha	g/kg dry matter	litres/kg dry matter	litres/ha (000's)	%	tonnes dry matter / hectare
DS1897B	39.6%			12.5	184	794	333	4,914	43.0	2.473
resolute*	36.8%			12.9	185	808	339	4,873	58.0	3.427
P7655	41.6%			12.5	178	792	333	4,721	58.5	3.070
P7948	41.9%			12.4	172	785	330	4,583	46.8	2.457
DS1959C	38.2%			12.7	173	803	337	4,621	54.3	2.986
saxon*	39.7%			12.6	170	799	336	4,531	66.0	3.366
P7647*	34.5%			12.8	167	810	340	4,432	68.2	3.873
kws pasco*	37.5%			12.8	165	806	339	4,390	77.0	4.405
P8200	36.8%			12.8	164	807	339	4,333		
P7381	35.5%			12.6	155	800	336	4,132	56.9	3.090
P7034 (C)	39.7%			12.6	153	797	335	4,064	64.9	3.069
P72847	40.7%			12.7	153	804	338	4,070	63.8	3.020
P7179	34.4%			12.8	153	808	340	4,057	82.8	4.579
prospect*	37.6%			12.8	148	810	340	3,926		
P7326	35.3%			12.6	142	801	336	3,810	77.0	4.017
P7364	40.0%			12.7	143	801	336	3,795	68.2	2.885

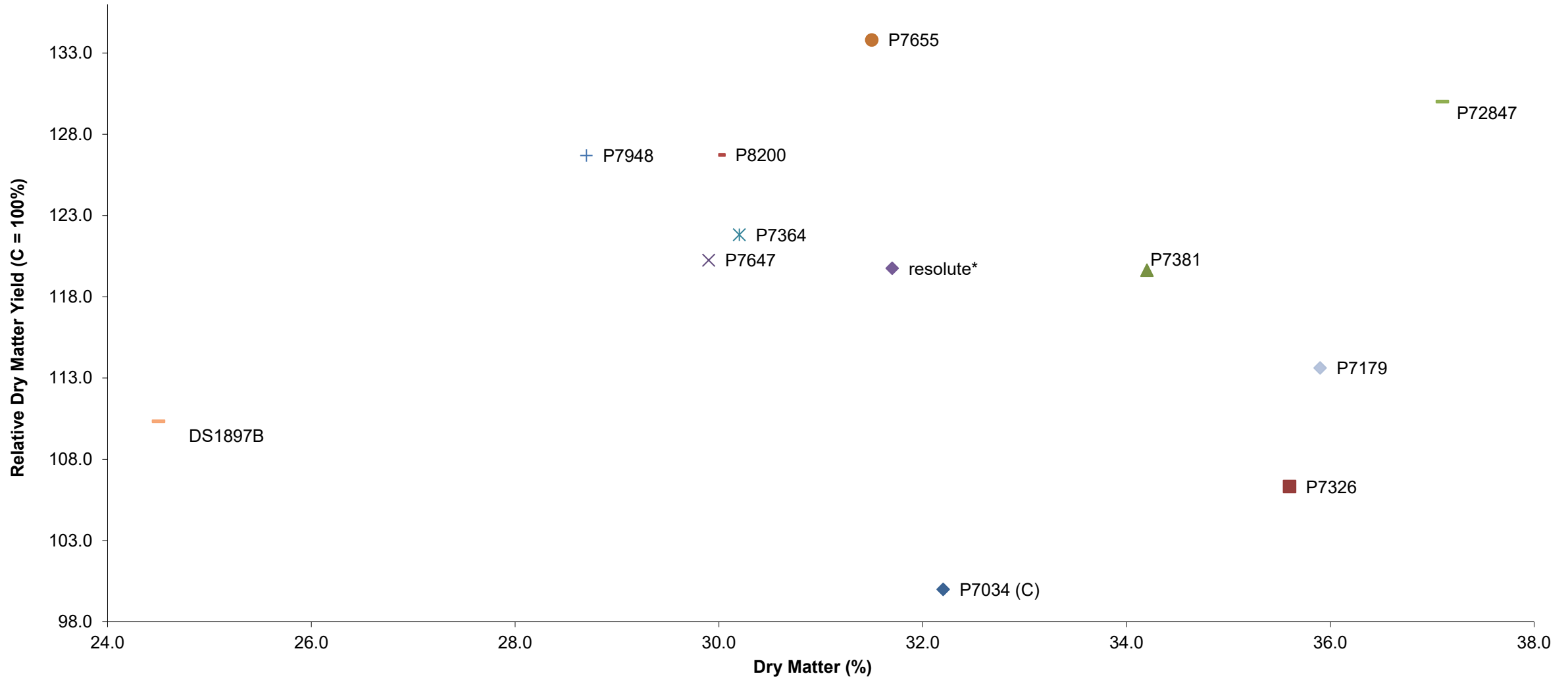
Oncoland Energy, Kent Forage Strip Trial Grown In The Open, 2024



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

C = Control; O = Grown in the Open; * = Competitor Hybrid; ** = Trade name following official registration

Oncoland Energy, Kent
Forage Strip Trial Grown In The Open, 2024, Dry Matter % vs Dry Matter Yield

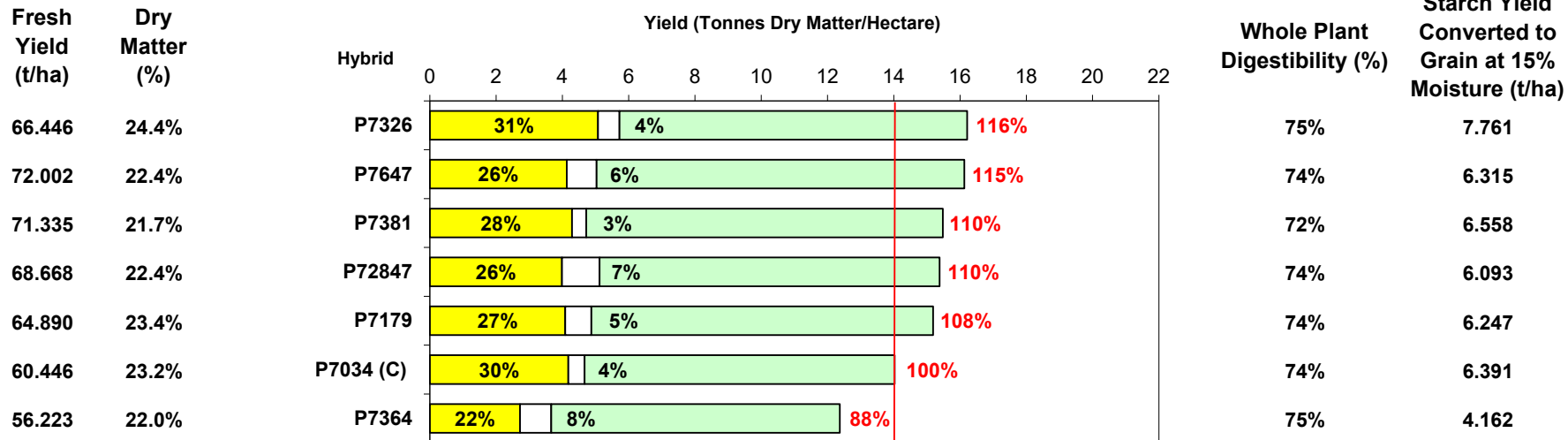


Trial Host			Oncoland Energy				County:		Kent	
Year			2024				Planting Date		18th May 2024	
PACTS Trial/Strip Trial			Strip Trial				Harvest Date		16th October 2024	
Grown In The Open/Samco System			Open							
Hybrid	Fresh Weight Yield	Dry Matter Content	Dry Matter Yield	Relative Dry Matter Yield Index (C = 100%)	Starch Content	Starch Dry Matter Yield	Starch Yield Converted to Grain Yield at 15% Moisture	Sugar Content	Sugar Dry Matter Yield	Whole Plant Digestibility
Name	Tonnes /Hectare	%	Tonnes /Hectare	%	%	Tonnes /Hectare	Tonnes /Hectare	% of Dry Matter	Tonnes /Hectare	% of Dry Matter
P7655	48.572	32%	15.300	134%	32.6%	4.988	7.628	1.2%	0.184	76%
P72847	40.069	37%	14.865	130%	37.3%	5.545	8.480	1.2%	0.178	76%
P8200	48.300	30%	14.490	127%	34.0%	4.927	7.535	1.3%	0.188	76%
P7948	50.477	29%	14.487	127%	34.0%	4.925	7.533	1.7%	0.246	77%
P7364	46.123	30%	13.929	122%	33.4%	4.652	7.115	1.2%	0.167	75%
P7647	45.987	30%	13.750	120%	34.3%	4.716	7.213	1.2%	0.165	76%
resolute*	43.198	32%	13.694	120%	35.3%	4.834	7.393	1.2%	0.164	75%
P7381	40.001	34%	13.680	120%	37.9%	5.185	7.930	1.2%	0.164	76%
P7179	36.191	36%	12.992	114%	39.2%	5.093	7.789	1.2%	0.156	76%
DS1897B	51.498	25%	12.617	110%	31.5%	3.974	6.078	1.2%	0.151	74%
P7326	34.150	36%	12.157	106%	37.4%	4.547	6.954	1.2%	0.146	75%
P7034 (C)	35.511	32%	11.434	100%	35.3%	4.036	6.173	1.2%	0.137	74%
Hybrid	Neutral Detergent Fibre (NDF)	NDFD 30 Hours (%)	uNDF 240 Hours (%)	Metabolisable Energy (ME)	Metabolisable Energy (ME)	Fermentable Organic Dry Matter	Methane Yield	Methane Yield	Pioneer Rumen Degradable Starch (Grain Test)	Pioneer Rumen Degradable Starch (Grain Test)
Name	% of Dry Matter	%	%	Mega Joules/Kg Dry Matter	MJ ME (000's) / Ha	g/kg Dry Matter	Litres/Kg Dry Matter	Litres / Hectare	%	Tonnes Dry Matter / Hectare
P7655	42%			12.6	193	800	336	5139720		
P72847	39%			12.6	187	800	336	4997267		
P8200	39%			12.6	183	796	334	4845787		
P7948	39%			12.7	184	799	335	4858564		
P7364	42%			12.4	172	787	330	4601604		
P7647	41%			12.5	172	790	332	4563798		
resolute*	40%			12.5	171	795	334	4573054		
P7381	37%			12.5	171	797	335	4576715		
P7179	39%			12.6	163	805	338	4393379		
DS1897B	44%			12.3	155	783	329	4150728		
P7326	40%			12.3	150	792	333	4044773		
P7034 (C)	44%			12.2	139	775	325	3720631		

C = Control Hybrid; * = Competitor hybrid; ** = Trade name following official registration

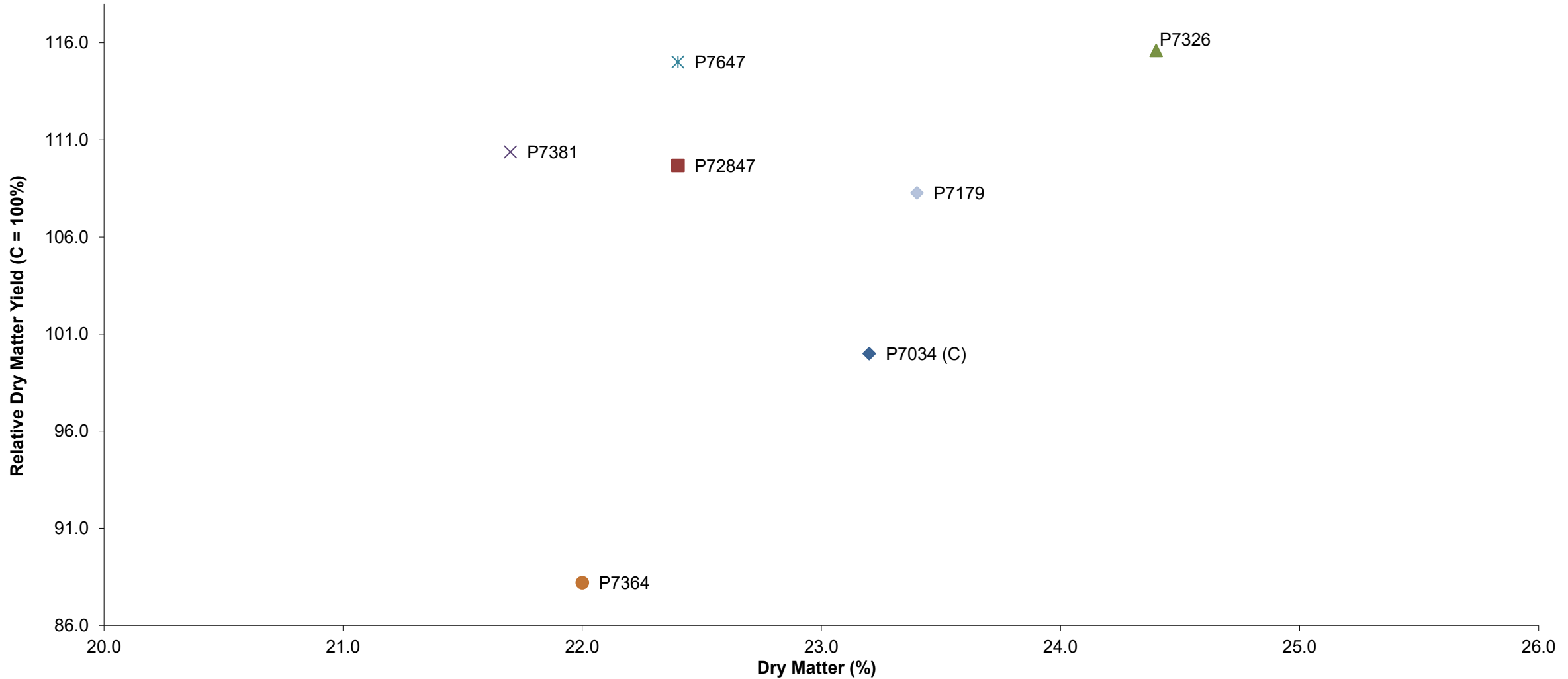
O = Grown In The Open

Springhill Farms (Persnore), Worcestershire Forage Strip Trial Grown In The Open, 2024



C = Control; O = Grown in the Open; * = Competitor Hybrid; ** = Trade name following official registration

Springhill Farms (Persore), Worcestershire
Forage Strip Trial Grown In The Open, 2024, Dry Matter % vs Dry Matter Yield



Trial Host		Springhill Farms (Persnore)					County:		Worcestershire	
Year		2024					Planting Date		5th June 2024	
PACTS Trial/Strip Trial		Strip Trial					Harvest Date		14th October 2024	
Grown In The Open/Samco System		Open								
Hybrid	Fresh Weight Yield	Dry Matter Content	Dry Matter Yield	Relative Dry Matter Yield Index (C = 100%)	Starch Content	Starch Dry Matter Yield	Starch Yield Converted to Grain Yield at 15% Moisture	Sugar Content	Sugar Dry Matter Yield	Whole Plant Digestibility
Name	Tonnes /Hectare	%	Tonnes /Hectare	%	%	Tonnes /Hectare	Tonnes /Hectare	% of Dry Matter	Tonnes /Hectare	% of Dry Matter
P7326	66.446	24%	16.212	116%	31.3%	5.074	7.761	4.0%	0.648	75%
P7647	72.002	22%	16.128	115%	25.6%	4.129	6.315	5.6%	0.903	74%
P7381	71.335	22%	15.479	110%	27.7%	4.288	6.558	2.8%	0.433	72%
P72847	68.668	22%	15.381	110%	25.9%	3.984	6.093	7.4%	1.138	74%
P7179	64.890	23%	15.184	108%	26.9%	4.084	6.247	5.2%	0.790	74%
P7034 (C)	60.446	23%	14.023	100%	29.8%	4.179	6.391	3.5%	0.491	74%
P7364	56.223	22%	12.369	88%	22.0%	2.721	4.162	7.6%	0.940	75%
Hybrid	Neutral Detergent Fibre (NDF)	NDFD 30 Hours (%)	uNDF 240 Hours (%)	Metabolisable Energy (ME)	Metabolisable Energy (ME)	Fermentable Organic Dry Matter	Methane Yield	Methane Yield	Pioneer Rumen Degradable Starch (Grain Test)	Pioneer Rumen Degradable Starch (Grain Test)
Name	% of Dry Matter	%	%	Mega Joules/Kg Dry Matter	MJ ME (000's) / Ha	g/kg Dry Matter	Litres/Kg Dry Matter	Litres / Hectare	%	Tonnes Dry Matter / Hectare
P7326	43%			12.4	200	777	326	5289843		
P7647	45%			12.3	198	774	325	5244949		
P7381	48%			12.0	185	760	319	4939547		
P72847	44%			12.2	187	769	323	4969930		
P7179	46%			12.3	187	782	328	4987135		
P7034 (C)	44%			12.3	172	779	327	4588176		
P7364	45%			12.5	154	782	328	4061648		

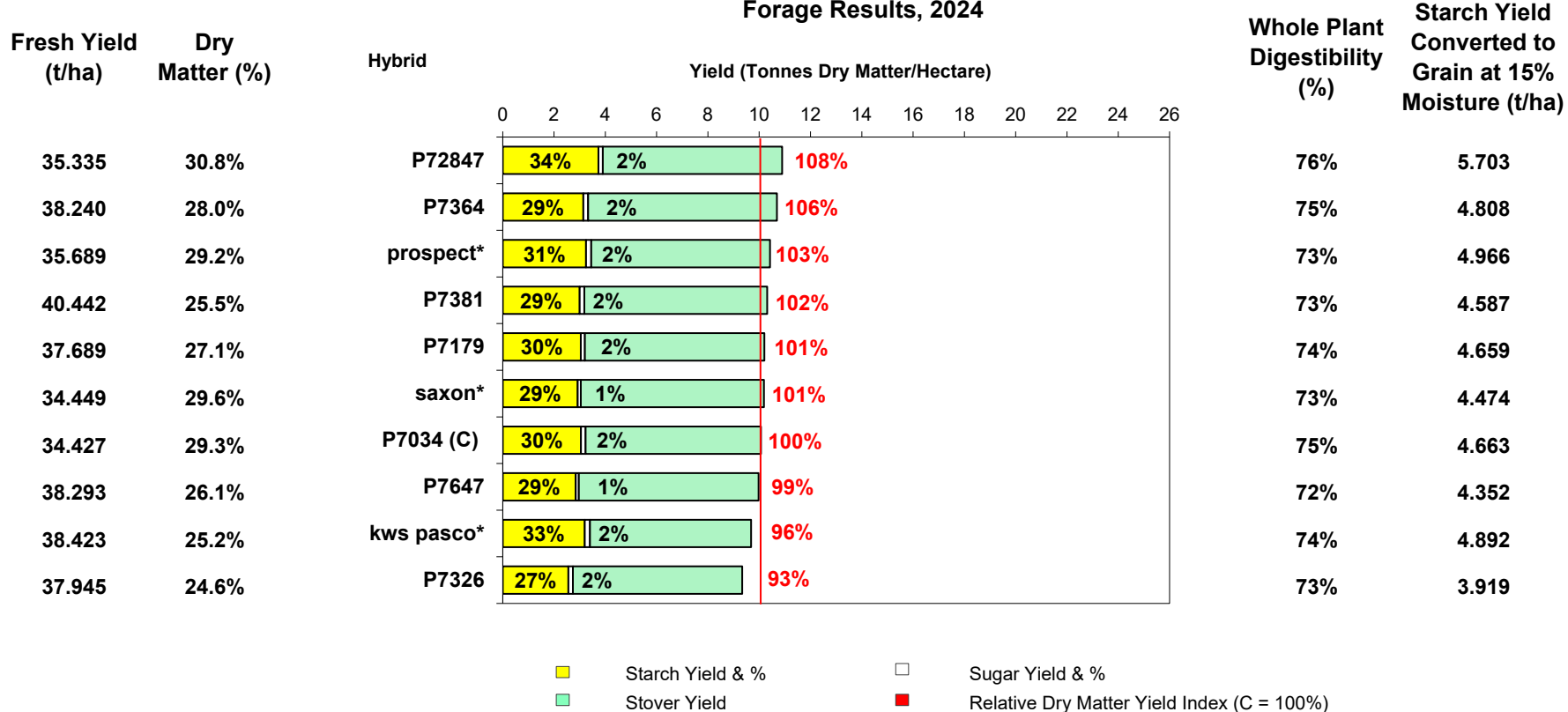
C = Control Hybrid; * = Competitor hybrid; ** = Trade name following official registration

O = Grown In The Open

Individual Forage Site Results Less Favourable Sites 2024

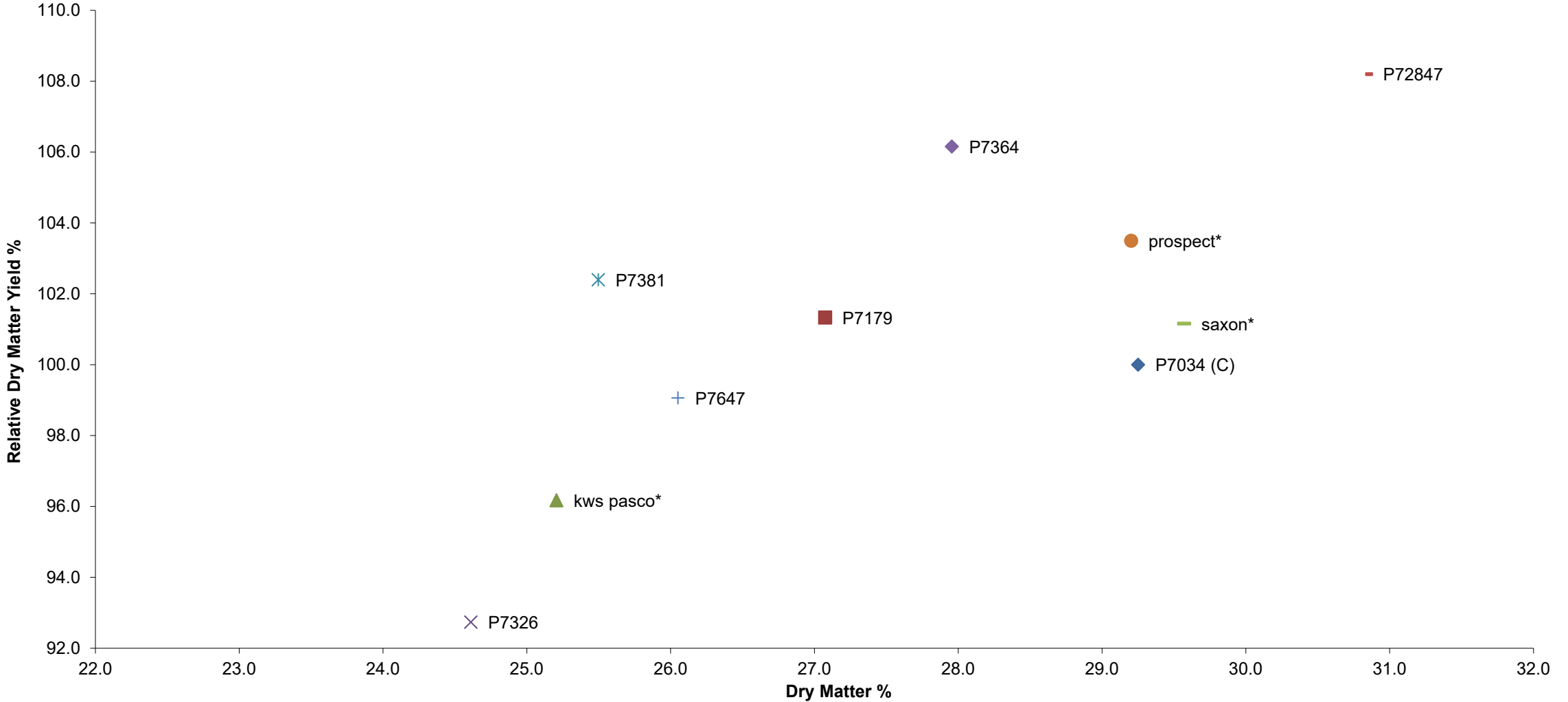


Clayton Farming Partnership, Cheshire Forage Results, 2024



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

Clayton Farming Partnership, Cheshire, 2024, Dry Matter % vs Dry Matter Yield Scatter Results

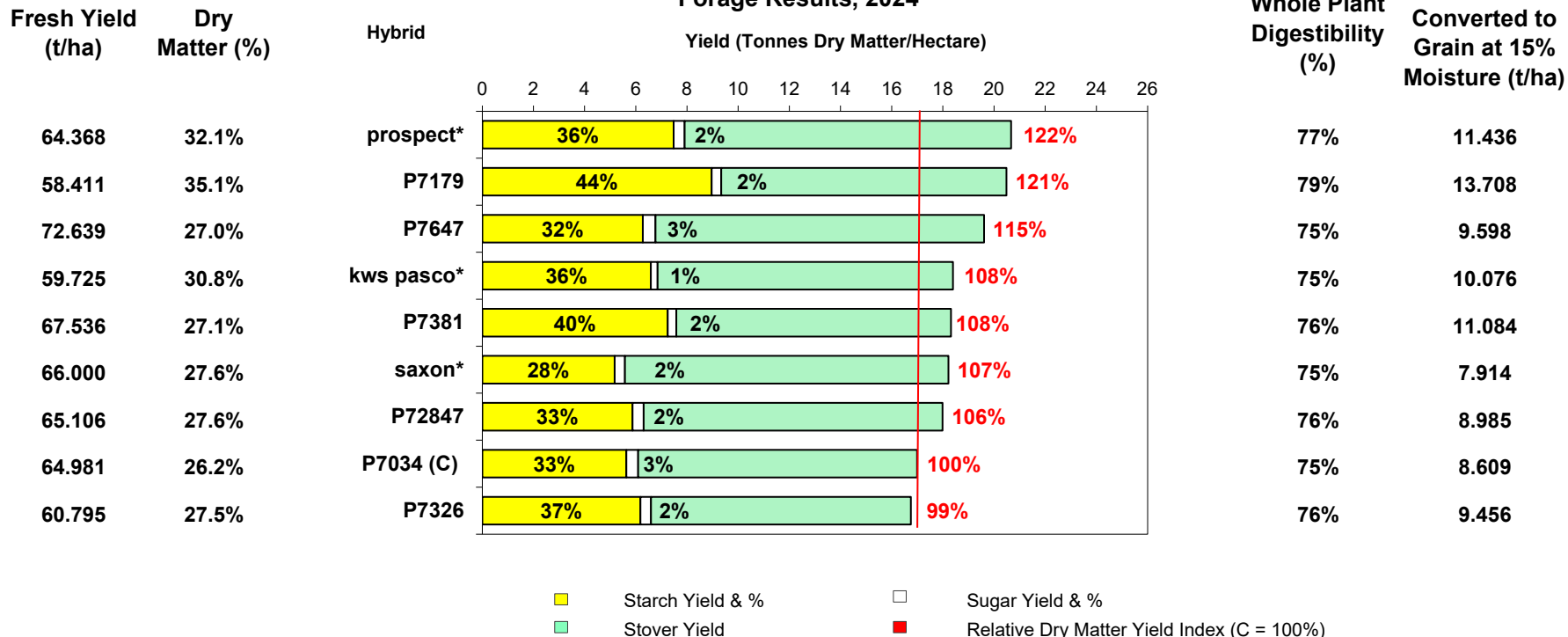


Trial Host	<i>Clayton Farm Partnership</i>	County:	<i>Cheshire</i>
Year	<i>2024</i>	Planting Date:	<i>21st May 2024</i>
Trial Type	<i>Whole Plant Forage</i>	Harvest Date:	<i>28th October 2024</i>
Trial Type	<i>Open</i>		

Hybrid	Fresh Weight Yield	Dry Matter Content	Dry Matter Yield	Relative Dry Matter Yield Index (C = 100%)	Starch Content	Starch Dry Matter Yield	Starch Yield Converted to Grain Yield at 15% Moisture	Sugar Content	Sugar Dry Matter Yield	Whole Plant Digestibility
Name	tonnes /hectare	%	tonnes /hectare	%	% of dry matter	tonnes /hectare	tonnes /hectare	% of dry matter	tonnes /hectare	% of dry matter
P72847	35.335	30.8%	10.895	108.2%	34.2%	3.729	5.703	1.6%	0.172	76.2%
P7364	38.240	28.0%	10.690	106.2%	29.4%	3.143	4.808	1.7%	0.186	75.5%
prospect*	35.689	29.2%	10.422	103.5%	31.2%	3.247	4.966	1.9%	0.202	73.5%
P7381	40.442	25.5%	10.311	102.4%	29.1%	2.999	4.587	1.8%	0.182	72.6%
P7179	37.689	27.1%	10.204	101.3%	29.9%	3.046	4.659	1.5%	0.157	74.1%
saxon*	34.449	29.6%	10.187	101.2%	28.7%	2.926	4.474	1.1%	0.116	72.8%
P7034 (C)	34.427	29.3%	10.070	100.0%	30.3%	3.049	4.663	1.8%	0.181	74.6%
P7647	38.293	26.1%	9.976	99.1%	28.5%	2.846	4.352	1.2%	0.119	72.5%
kws pasco*	38.423	25.2%	9.685	96.2%	33.0%	3.199	4.892	2.1%	0.205	73.9%
P7326	37.945	24.6%	9.338	92.7%	27.4%	2.562	3.919	1.8%	0.171	72.7%
Hybrid	Neutral Detergent Fibre (NDF)	NDFD 30 Hours (%)	uNDF 240 Hours (%)	Metabolisable Energy (ME)	Metabolisable Energy (ME)	Fermentable Organic Dry Matter	Methane Yield	Methane Yield	Pioneer Rumen Degradable Starch Content (Grain Test)	Pioneer Rumen Degradable Starch Yield (Grain Test)
Name	% of dry matter	%	%	mega joules/kg dry matter	MJ ME (000's) / Ha	g/kg dry matter	litres/kg dry matter	litres/ha (000's)	%	tonnes dry matter / hectare
P72847	41.5%			12.6	137	799	336	3,658		
P7364	46.0%			12.5	134	791	332	3,552		
prospect*	42.0%			12.2	127	777	326	3,399		
P7381	43.4%			12.0	124	769	323	3,331		
P7179	45.3%			12.3	125	782	328	3,350		
saxon*	48.2%			12.1	123	771	324	3,297		
P7034 (C)	44.0%			12.4	124	784	329	3,316		
P7647	46.2%			12.0	120	769	323	3,220		
kws pasco*	41.4%			12.2	118	781	328	3,176		
P7326	45.8%			12.0	112	772	324	3,027		

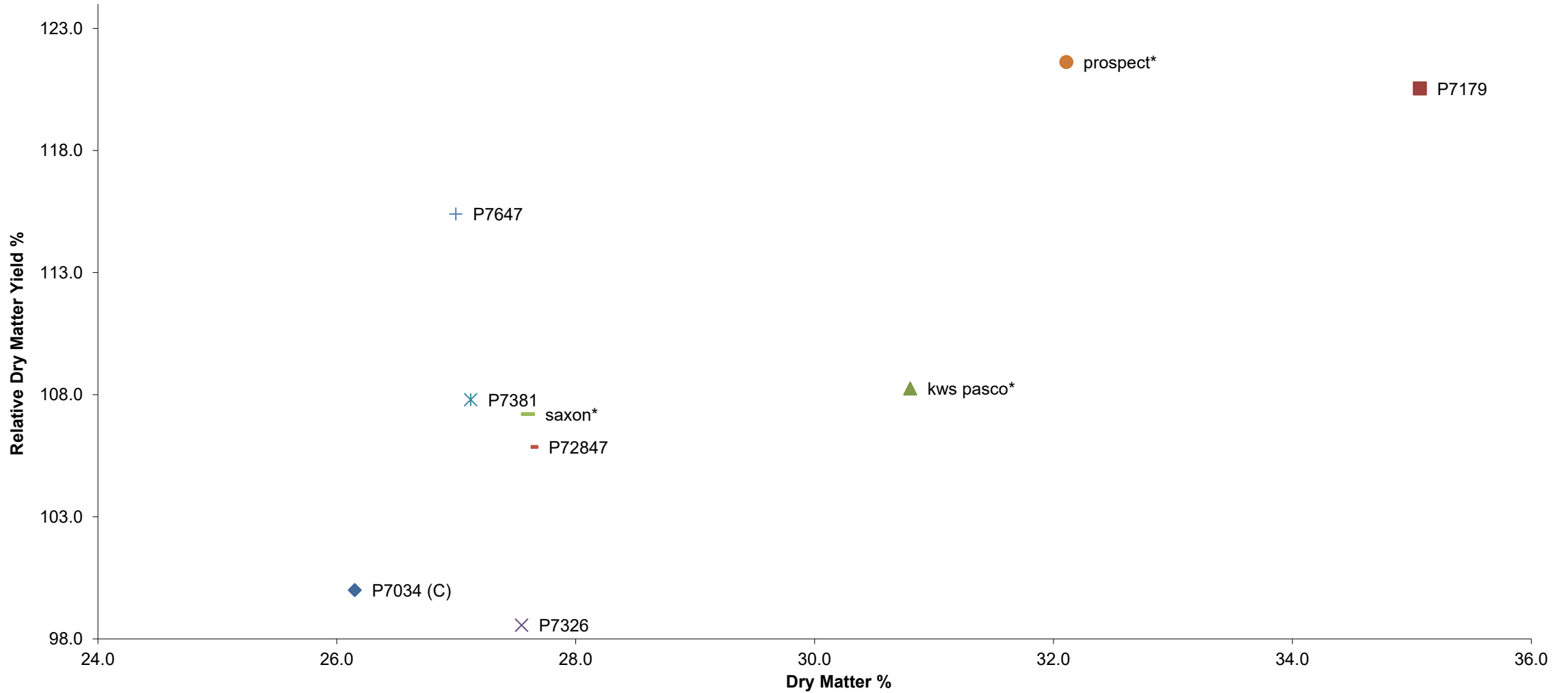
C = Control Hybrid; * = Competitor hybrid; ** = Trade name following official registration

David Garlick, Herefordshire, Forage Results, 2024



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

David Garlick, Herefordshire, 2024, Dry Matter % vs Dry Matter Yield Scatter Results

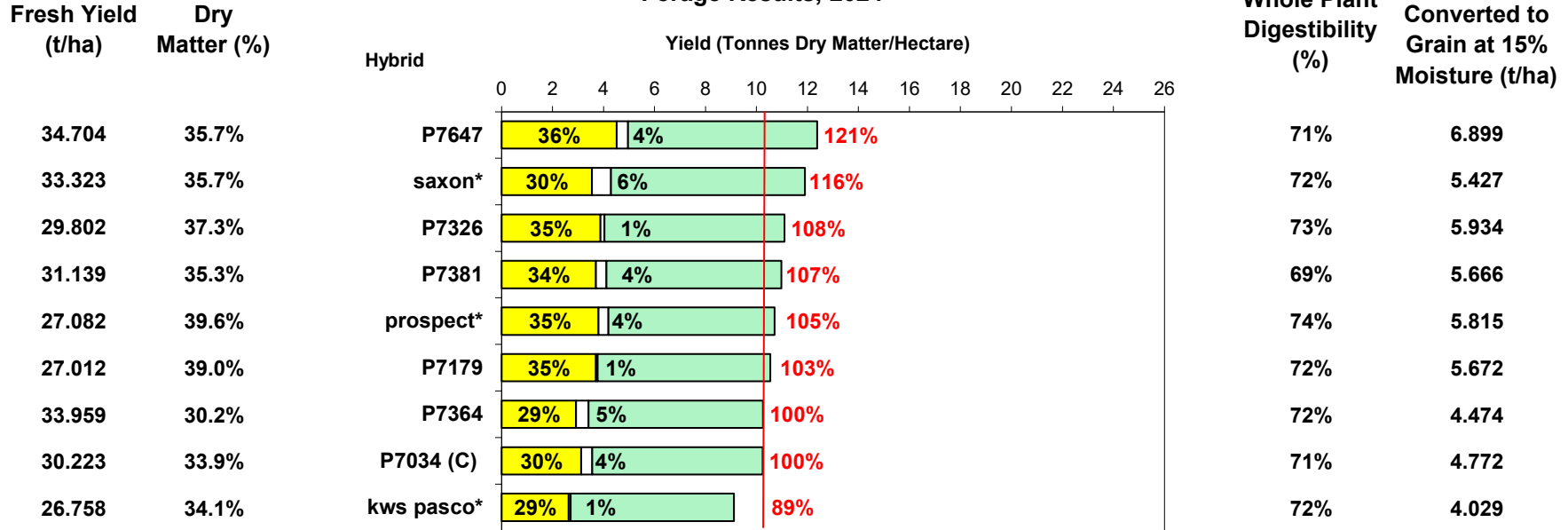


Trial Host	<i>David Garlick</i>	County:	<i>Herefordshire</i>
Year	<i>2024</i>	Planting Date:	<i>7th May 2024</i>
Trial Type	<i>Whole Plant Forage</i>	Harvest Date:	<i>2nd October 2024</i>
Trial Type	<i>Open</i>		

Hybrid	Fresh Weight Yield	Dry Matter Content	Dry Matter Yield	Relative Dry Matter Yield Index (C = 100%)	Starch Content	Starch Dry Matter Yield	Starch Yield Converted to Grain Yield at 15% Moisture	Sugar Content	Sugar Dry Matter Yield	Whole Plant Digestibility
Name	tonnes /hectare	%	tonnes /hectare	%	% of dry matter	tonnes /hectare	tonnes /hectare	% of dry matter	tonnes /hectare	% of dry matter
prospect*	64.368	32.1%	20.666	121.6%	36.2%	7.477	11.436	2.1%	0.430	76.8%
P7179	58.411	35.1%	20.483	120.5%	43.8%	8.963	13.708	1.8%	0.374	78.6%
P7647	72.639	27.0%	19.609	115.4%	32.0%	6.276	9.598	2.5%	0.495	75.1%
kws pasco*	59.725	30.8%	18.395	108.3%	35.8%	6.588	10.076	1.4%	0.264	74.9%
P7381	67.536	27.1%	18.317	107.8%	39.6%	7.247	11.084	1.8%	0.339	75.8%
saxon*	66.000	27.6%	18.216	107.2%	28.4%	5.174	7.914	2.2%	0.401	74.6%
P72847	65.106	27.6%	17.988	105.9%	32.7%	5.875	8.985	2.4%	0.434	75.7%
P7034 (C)	64.981	26.2%	16.992	100.0%	33.1%	5.629	8.609	2.7%	0.463	75.1%
P7326	60.795	27.5%	16.747	98.6%	36.9%	6.183	9.456	2.5%	0.414	76.3%
Hybrid	Neutral Detergent Fibre (NDF)	NDFD 30 Hours (%)	uNDF 240 Hours (%)	Metabolisable Energy (ME)	Metabolisable Energy (ME)	Fermentable Organic Dry Matter	Methane Yield	Methane Yield	Pioneer Rumen Degradable Starch Content (Grain Test)	Pioneer Rumen Degradable Starch Yield
Name	% of dry matter	%	%	mega joules/kg dry matter	MJ ME (000's) / Ha	g/kg dry matter	litres/kg dry matter	litres/ha (000's)	%	tonnes dry matter / hectare
prospect*	39.1%	0.0%	0.0%	12.7	263	808	339	7,010	53.4	3.992
P7179	36.4%	0.0%	0.0%	13.0	266	826	347	7,104	54.5	4.884
P7647	41.0%	0.0%	0.0%	12.4	244	787	331	6,481	58.9	3.697
kws pasco*	42.5%	0.0%	0.0%	12.4	228	793	333	6,125	52.3	3.444
P7381	36.3%	0.0%	0.0%	12.5	230	796	334	6,121	53.0	3.838
saxon*	44.1%	0.0%	0.0%	12.3	225	784	329	6,000	58.7	3.036
P72847	40.1%	0.0%	0.0%	12.5	226	794	333	5,995	56.7	3.331
P7034 (C)	41.7%	0.0%	0.0%	12.4	211	790	332	5,639	62.2	3.502
P7326	39.6%	0.0%	0.0%	12.6	212	802	337	5,645	65.3	4.038

C = Control Hybrid; * = Competitor hybrid; ** = Trade name following official registration

Gareth Powell, Powys, Forage Results, 2024



■ Starch Yield & %

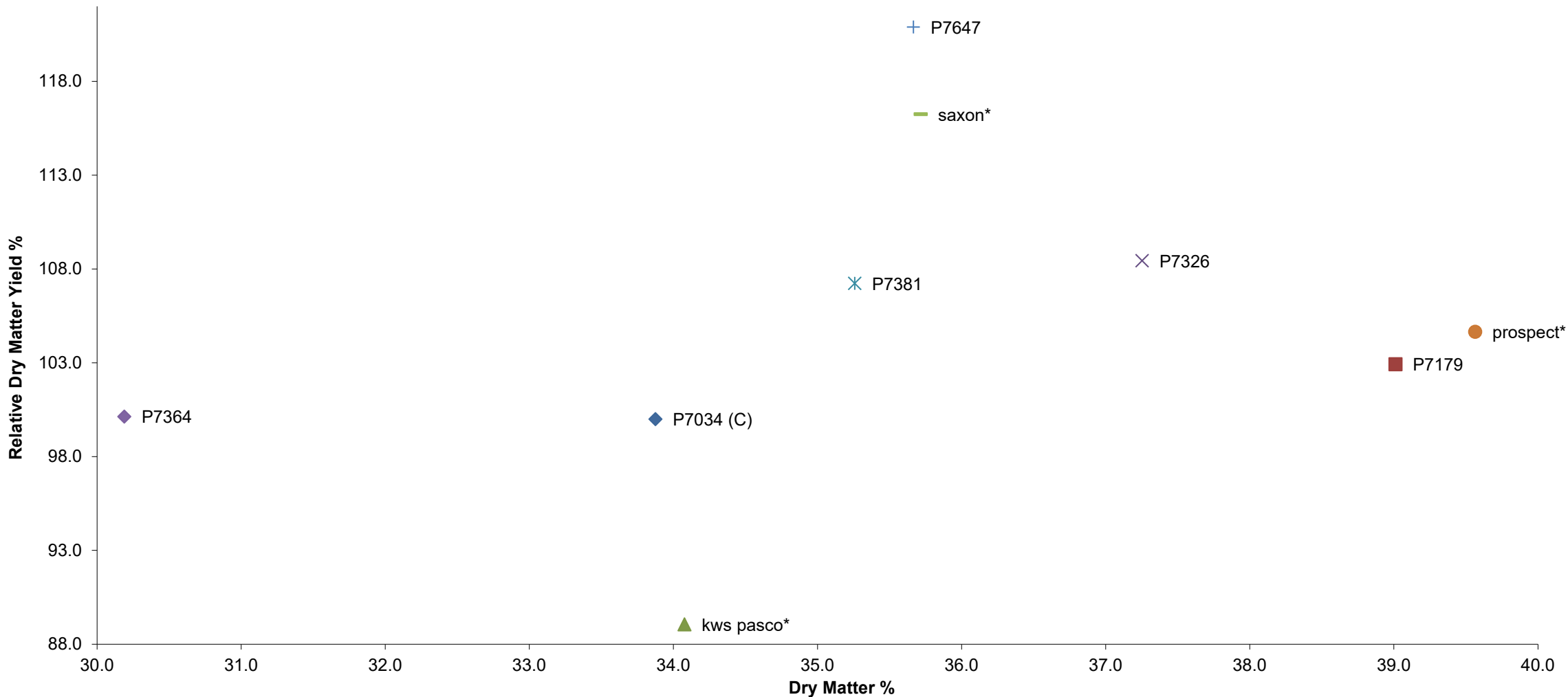
□ Sugar Yield & %

■ Stover Yield

■ Relative Dry Matter Yield Index (C = 100%)

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

Gareth Powell, Powys, 2024, Dry Matter % vs Dry Matter Yield Scatter Results



Trial Host	Gareth Powell	County:	Powys
Year	2024	Planting Date:	
Trial Type	Whole Plant Forage	Harvest Date:	31st October 2024
Trial Type	Open		

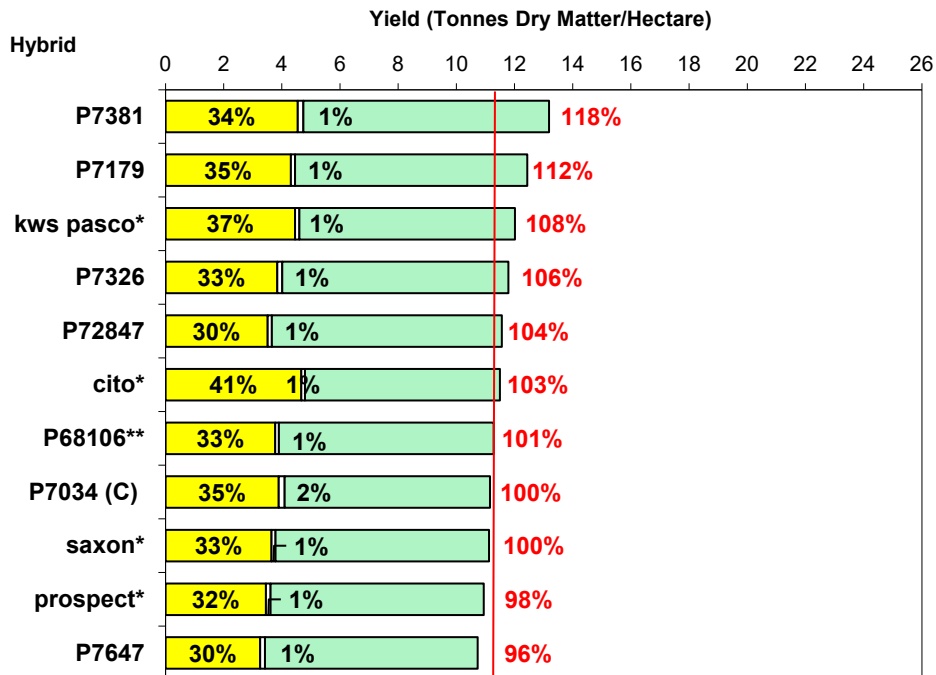
Hybrid	Fresh Weight Yield	Dry Matter Content	Dry Matter Yield	Relative Dry Matter Yield Index (C = 100%)	Starch Content	Starch Dry Matter Yield	Starch Yield Converted to Grain Yield at 15% Moisture	Sugar Content	Sugar Dry Matter Yield	Whole Plant Digestibility
Name	tonnes /hectare	%	tonnes /hectare	%	% of dry matter	tonnes /hectare	tonnes /hectare	% of dry matter	tonnes /hectare	% of dry matter
P7647	34.704	35.7%	12.377	120.9%	36.4%	4.511	6.899	3.6%	0.446	71.3%
saxon*	33.323	35.7%	11.901	116.2%	29.8%	3.549	5.427	6.3%	0.748	72.5%
P7326	29.802	37.3%	11.102	108.4%	35.0%	3.880	5.934	1.4%	0.156	72.7%
P7381	31.139	35.3%	10.979	107.2%	33.7%	3.705	5.666	3.8%	0.415	69.1%
prospect*	27.082	39.6%	10.715	104.7%	35.5%	3.802	5.815	3.7%	0.395	73.6%
P7179	27.012	39.0%	10.538	102.9%	35.2%	3.708	5.672	0.6%	0.060	71.8%
P7364	33.959	30.2%	10.252	100.1%	28.5%	2.925	4.474	4.8%	0.492	71.8%
P7034 (C)	30.223	33.9%	10.238	100.0%	30.5%	3.120	4.772	4.3%	0.440	70.9%
kws pasco*	26.758	34.1%	9.118	89.1%	28.9%	2.634	4.029	0.8%	0.077	71.6%
Hybrid	Neutral Detergent Fibre (NDF)	NDFD 30 Hours (%)	uNDF 240 Hours (%)	Metabolisable Energy (ME)	Metabolisable Energy (ME)	Fermentable Organic Dry Matter	Methane Yield	Methane Yield	Pioneer Rumen Degradable Starch Content (Grain Test)	Pioneer Rumen Degradable Starch Yield (Grain Test)
Name	% of dry matter	%	%	mega joules/kg dry matter	MJ ME (000's) / Ha	g/kg dry matter	litres/kg dry matter	litres/ha (000's)	%	tonnes dry matter / hectare
P7647	44.9%			11.8	146	770	324	4,004		
saxon*	50.9%			12.0	143	773	325	3,866		
P7326	42.8%			12.0	134	774	325	3,611		
P7381	45.9%			11.4	126	752	316	3,467		
prospect*	44.8%			12.2	131	779	327	3,506		
P7179	43.6%			11.9	125	776	326	3,434		
P7364	48.3%			11.9	122	768	322	3,305		
P7034 (C)	48.1%			11.7	120	760	319	3,269		
kws pasco*	47.5%			11.9	108	772	324	2,958		

C = Control Hybrid; * = Competitor hybrid; ** = Trade name following official registration

**Keith Blenkiron, N. Yorkshire
Forage Results, 2024**

Fresh Yield (t/ha)
Dry Matter (%)

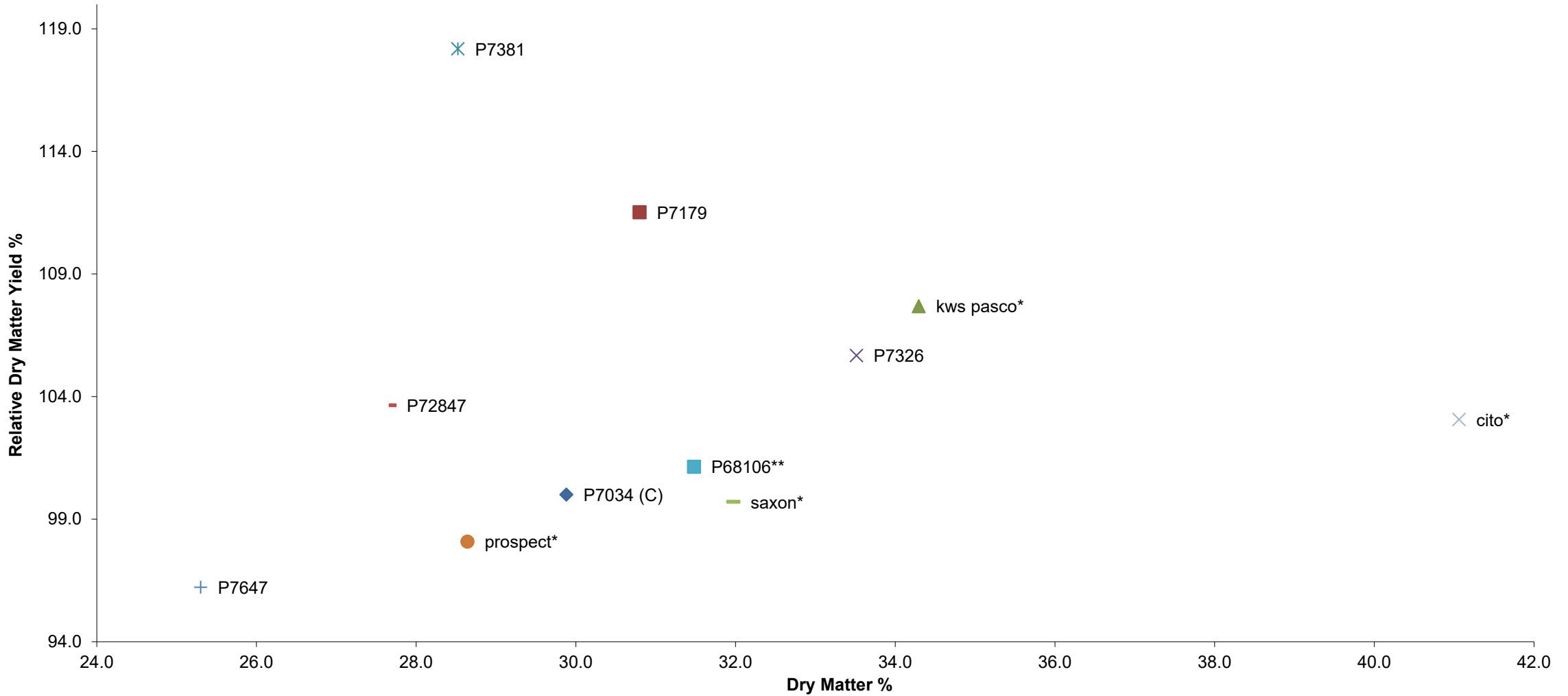
Whole Plant Digestibility (%)
Starch Yield Converted to Grain at 15% Moisture (t/ha)



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

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

Keith Blenkiron, N. Yorkshire, 2024, Dry Matter % vs Dry Matter Yield Scatter Results



Trial Host	Keith Blenkiron	County:	North Yorkshire
Year	2024	Planting Date:	11th May 2024
Trial Type	Whole Plant Forage	Harvest Date:	22nd October 2024
Trial Type	Open		

Hybrid	Fresh Weight Yield	Dry Matter Content	Dry Matter Yield	Relative Dry Matter Yield Index (C = 100%)	Starch Content	Starch Dry Matter Yield	Starch Yield Converted to Grain Yield at 15% Moisture	Sugar Content	Sugar Dry Matter Yield	Whole Plant Digestibility
Name	tonnes /hectare	%	tonnes /hectare	%	% of dry matter	tonnes /hectare	tonnes /hectare	% of dry matter	tonnes /hectare	% of dry matter
P7381	46.222	28.5%	13.183	118.2%	34.5%	4.547	6.954	1.5%	0.194	75.7%
P7179	40.393	30.8%	12.440	111.5%	34.7%	4.314	6.598	1.1%	0.142	75.3%
kws pasco*	35.029	34.3%	12.013	107.7%	37.1%	4.453	6.811	1.2%	0.147	76.2%
P7326	35.174	33.5%	11.788	105.7%	32.6%	3.843	5.878	1.4%	0.169	75.8%
P72847	41.791	27.7%	11.562	103.6%	30.4%	3.514	5.374	1.2%	0.144	73.9%
cito*	28.000	41.1%	11.497	103.1%	40.6%	4.667	7.138	1.1%	0.129	76.4%
P68106**	35.840	31.5%	11.282	101.1%	33.4%	3.773	5.770	1.1%	0.129	72.6%
P7034 (C)	37.333	29.9%	11.155	100.0%	34.9%	3.891	5.951	1.8%	0.205	75.7%
saxon*	34.788	32.0%	11.122	99.7%	32.8%	3.648	5.579	1.2%	0.136	75.7%
prospect*	38.202	28.6%	10.941	98.1%	31.6%	3.456	5.285	1.4%	0.156	75.7%
P7647	42.424	25.3%	10.734	96.2%	30.3%	3.257	4.982	1.5%	0.160	74.7%
Hybrid	Neutral Detergent Fibre (NDF)	NDFD 30 Hours (%)	uNDF 240 Hours (%)	Metabolisable Energy (ME)	Metabolisable Energy (ME)	Fermentable Organic Dry Matter	Methane Yield	Methane Yield	Pioneer Rumen Degradable Starch Content (Grain Test)	Pioneer Rumen Degradable Starch Yield (Grain Test)
Name	% of dry matter	%	%	mega joules/kg dry matter	MJ ME (000's) / Ha	g/kg dry matter	litres/kg dry matter	litres/ha (000's)	%	tonnes dry matter / hectare
P7381	41.5%			12.5	165	794	334	4,398		
P7179	43.9%			12.5	155	793	333	4,144	71.5	3.084
kws pasco*	40.3%			12.6	152	798	335	4,027	81.9	3.646
P7326	43.1%			12.5	148	796	334	3,943	75.9	2.917
P72847	47.5%			12.2	141	781	328	3,792	73.9	2.597
cito*	40.6%			12.6	145	800	336	3,865	83.4	3.893
P68106**	45.6%			12.0	135	771	324	3,655	57.1	2.156
P7034 (C)	42.6%			12.5	140	792	333	3,709	87.2	3.391
saxon*	43.3%			12.5	139	793	333	3,704	72.8	2.656
prospect*	44.2%			12.5	137	794	333	3,648	75.0	2.592
P7647	45.3%			12.4	133	782	328	3,526		

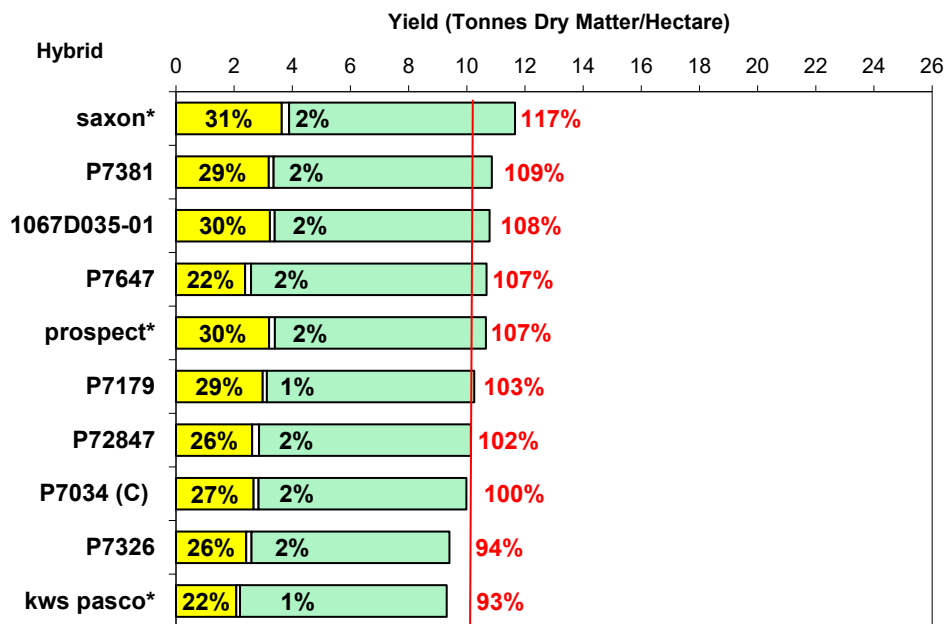
C = Control Hybrid; * = Competitor hybrid; ** = Trade name following official registration



Graham Shephard, North Yorkshire Forage Results, 2024

Fresh Yield (t/ha) Dry Matter (%)

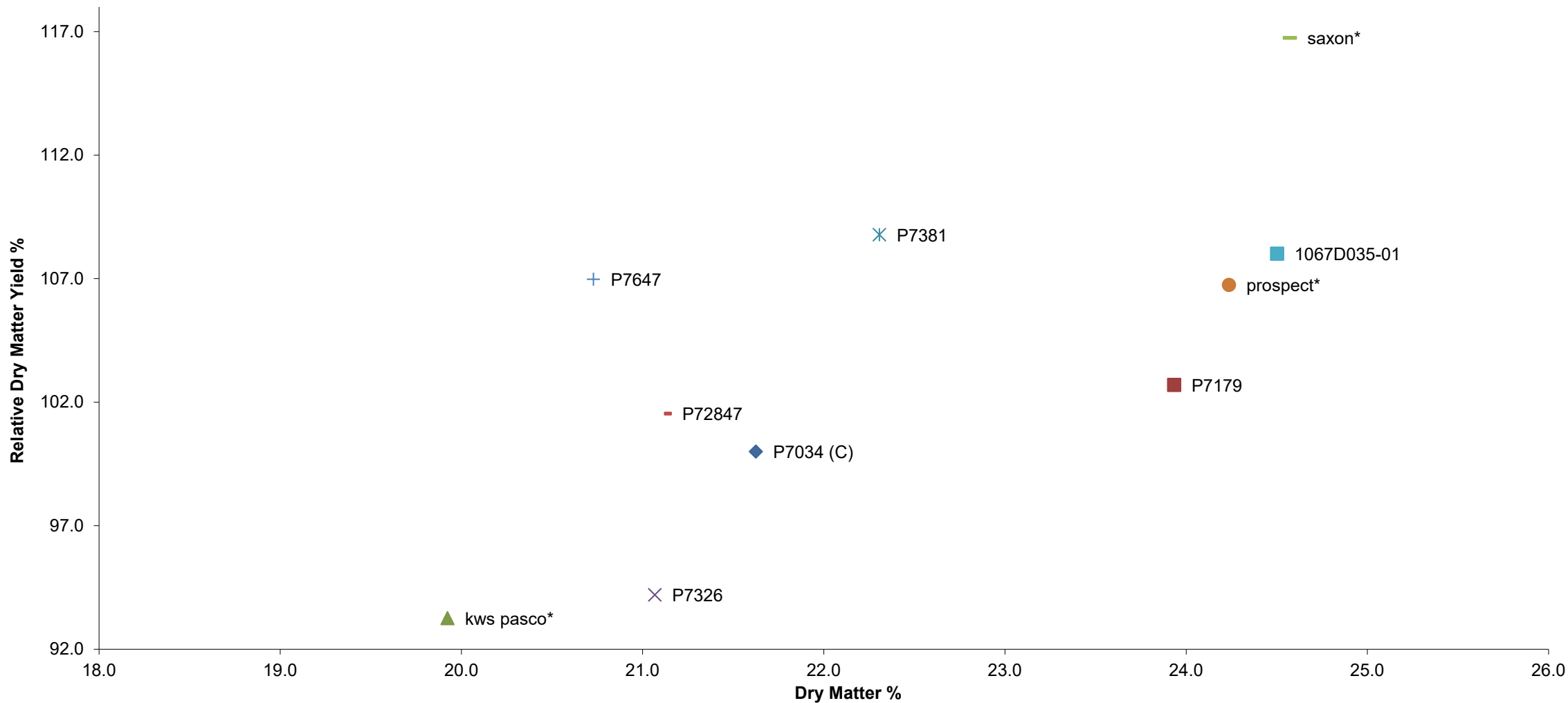
Whole Plant Digestibility (%) Starch Yield Converted to Grain at 15% Moisture (t/ha)



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

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

Graham Shephard, N. Yorkshire, 2024, Dry Matter % vs Dry Matter Yield Scatter Results



Trial Host	<i>Graham Shepherd</i>	County:	<i>North Yorkshire</i>
Year	<i>2024</i>	Planting Date:	<i>13th May 2024</i>
Trial Type	<i>Whole Plant Forage</i>	Harvest Date:	<i>14th October 2024</i>
Trial Type	<i>Open</i>		

Hybrid	Fresh Weight Yield	Dry Matter Content	Dry Matter Yield	Relative Dry Matter Yield Index (C = 100%)	Starch Content	Starch Dry Matter Yield	Starch Yield Converted to Grain Yield at 15% Moisture	Sugar Content	Sugar Dry Matter Yield	Whole Plant Digestibility
Name	tonnes /hectare	%	tonnes /hectare	%	% of dry matter	tonnes /hectare	tonnes /hectare	% of dry matter	tonnes /hectare	% of dry matter
saxon*	47.436	24.6%	11.656	116.7%	31.2%	3.639	5.566	2.2%	0.253	76.4%
P7381	48.687	22.3%	10.860	108.8%	29.4%	3.190	4.879	1.5%	0.167	74.0%
1067D035-01	44.013	24.5%	10.784	108.0%	29.9%	3.229	4.939	1.5%	0.163	74.2%
P7647	51.527	20.7%	10.681	107.0%	22.3%	2.377	3.636	1.9%	0.206	73.7%
prospect*	43.975	24.2%	10.658	106.7%	30.1%	3.205	4.902	1.8%	0.196	75.5%
P7179	42.842	23.9%	10.254	102.7%	29.1%	2.981	4.559	1.4%	0.143	73.2%
P72847	47.994	21.1%	10.137	101.5%	25.8%	2.620	4.008	2.3%	0.236	70.8%
P7034 (C)	46.169	21.6%	9.984	100.0%	26.7%	2.668	4.081	1.7%	0.172	73.4%
P7326	44.643	21.1%	9.405	94.2%	25.7%	2.415	3.693	1.9%	0.181	73.2%
kws pasco*	46.735	19.9%	9.311	93.3%	22.3%	2.074	3.171	1.4%	0.130	73.1%
Hybrid	Neutral Detergent Fibre (NDF)	NDFD 30 Hours (%)	uNDF 240 Hours (%)	Metabolisable Energy (ME)	Metabolisable Energy (ME)	Fermentable Organic Dry Matter	Methane Yield	Methane Yield	Pioneer Rumen Degradable Starch Content (Grain Test)	Pioneer Rumen Degradable Starch Yield (Grain Test)
Name	% of dry matter	%	%	mega joules/kg dry matter	MJ ME (000's) / Ha	g/kg dry matter	litres/kg dry matter	litres/ha (000's)	%	tonnes dry matter / hectare
saxon*	44.0%			12.6	147	797	335	3,902		
P7381	43.8%			12.3	133	775	325	3,533		
1067D035-01	44.9%			12.3	132	782	328	3,540		
P7647	51.9%			12.2	130	780	328	3,499		
prospect*	46.2%			12.5	133	790	332	3,537		
P7179	42.8%			12.1	124	774	325	3,334		
P72847	49.9%			11.7	119	759	319	3,229		
P7034 (C)	46.6%			12.1	121	771	324	3,232		
P7326	45.2%			12.1	114	771	324	3,046		
kws pasco*	47.8%			12.1	113	773	324	3,021		

C = Control Hybrid; * = Competitor hybrid; ** = Trade name following official registration

Corteva Agriscience, Warwickshire, Forage Results, 2024

Fresh Yield
(t/ha)

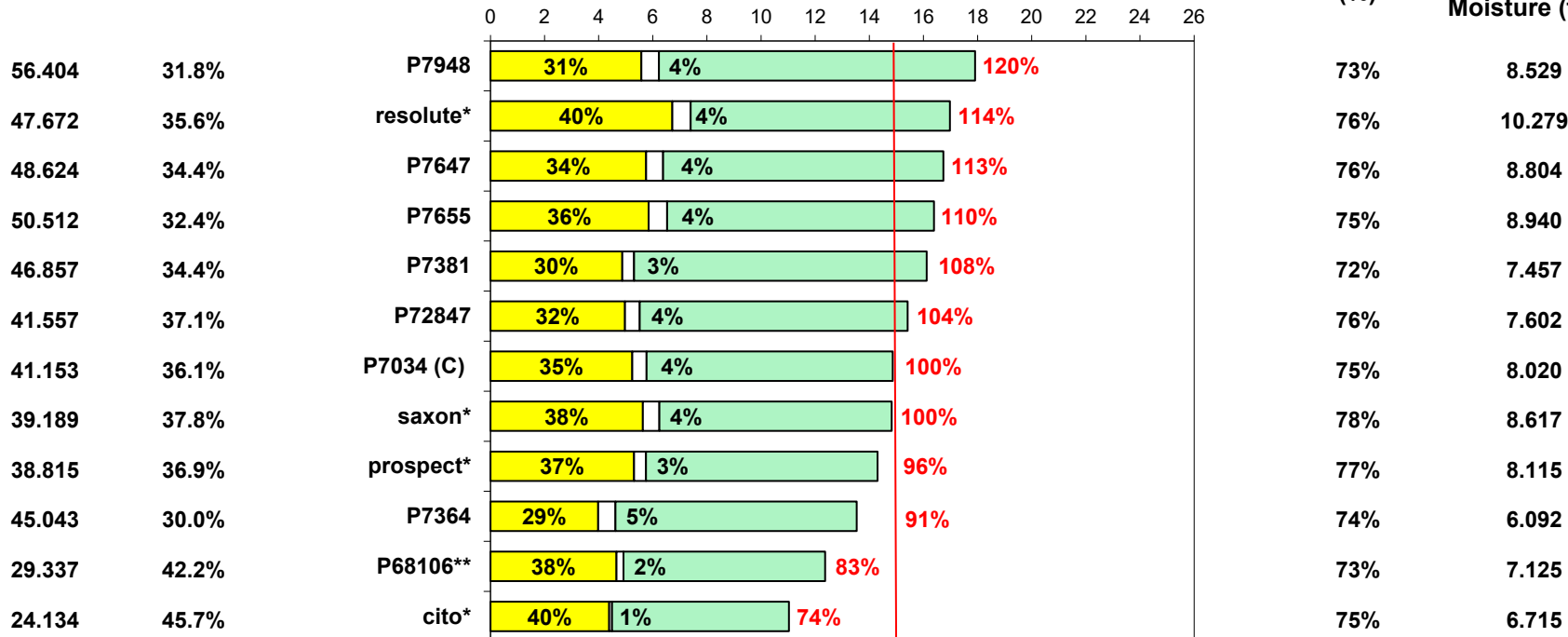
Dry
Matter (%)

Hybrid

Yield (Tonnes Dry Matter/Hectare)

Whole Plant
Digestibility
(%)

Starch Yield
Converted to
Grain at 15%
Moisture (t/ha)



■ Starch Yield & %

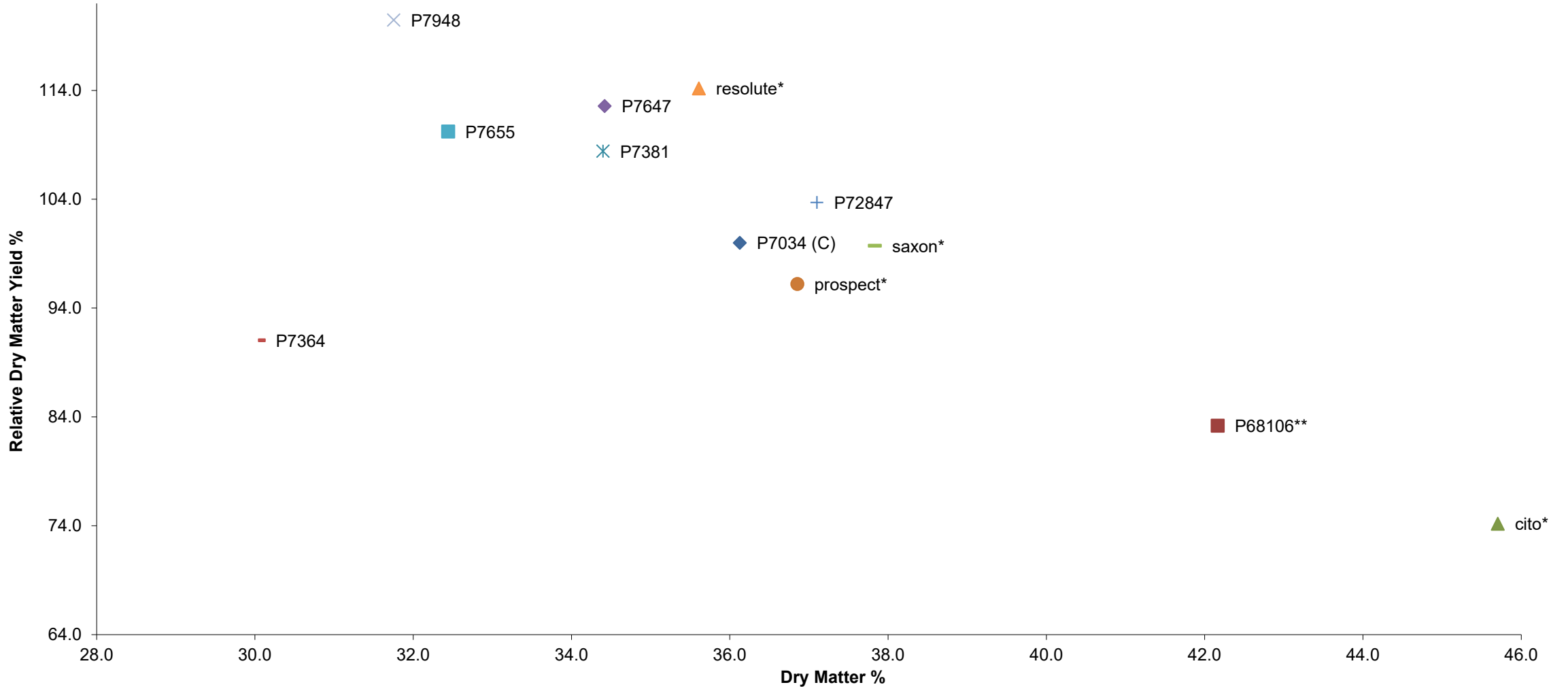
□ Sugar Yield & %

■ Stover Yield

■ Relative Dry Matter Yield Index (C = 100%)

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

Corteva Agriscience, Wellesborne, 2024, Dry Matter % vs Dry Matter Yield Scatter Results

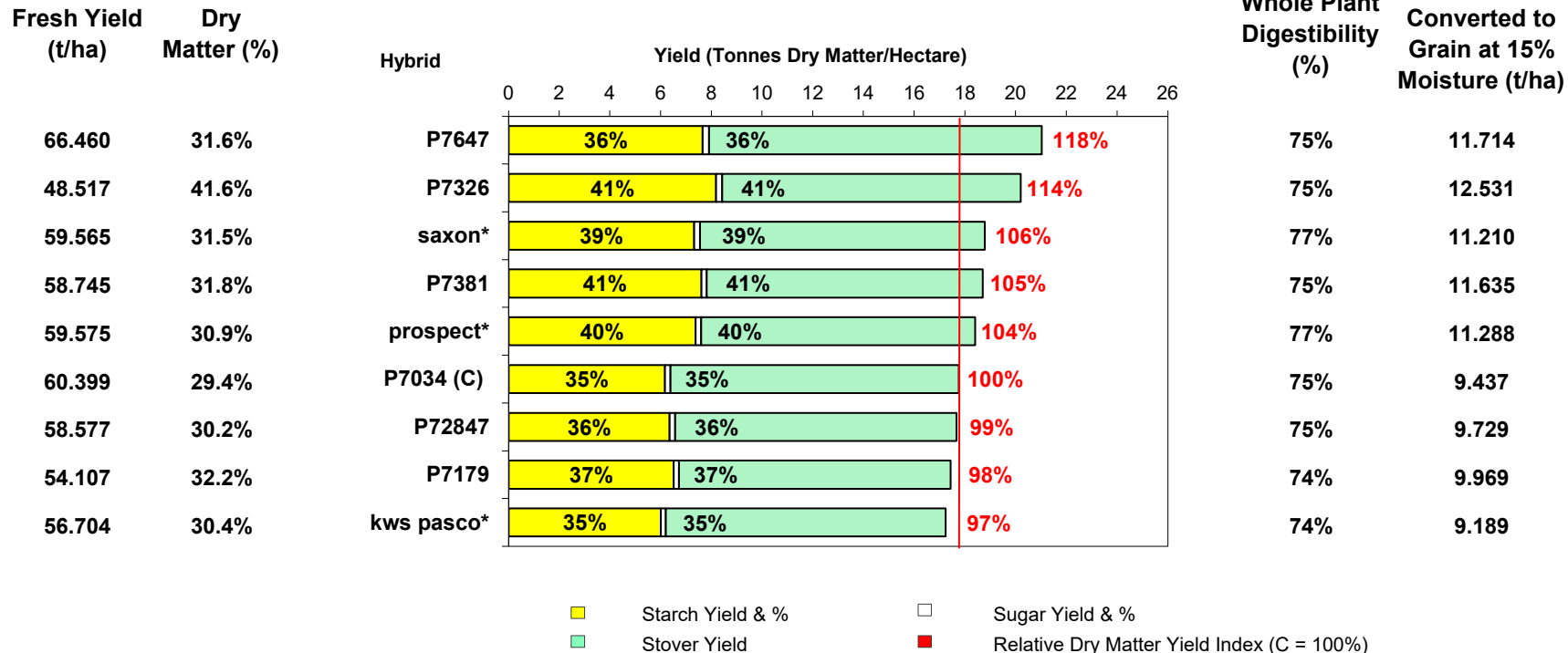


Trial Host	Corteva Agriscience	County:	Warwickshire
Year	2024	Planting Date:	15th May 2024
Trial Type	Whole Plant Forage	Harvest Date:	10th October 2024
Trial Type	Open		

Hybrid	Fresh Weight Yield	Dry Matter Content	Dry Matter Yield	Relative Dry Matter Yield Index (C = 100%)	Starch Content	Starch Dry Matter Yield	Starch Yield Converted to Grain Yield at 15% Moisture	Sugar Content	Sugar Dry Matter Yield	Whole Plant Digestibility
Name	tonnes /hectare	%	tonnes /hectare	%	% of dry matter	tonnes /hectare	tonnes /hectare	% of dry matter	tonnes /hectare	% of dry matter
P7948	56.404	31.8%	17.910	120.5%	31.1%	5.577	8.529	3.6%	0.650	73.3%
resolute*	47.672	35.6%	16.975	114.2%	39.6%	6.721	10.279	4.0%	0.681	76.1%
P7647	48.624	34.4%	16.735	112.6%	34.4%	5.756	8.804	3.7%	0.627	75.9%
P7655	50.512	32.4%	16.386	110.2%	35.7%	5.846	8.940	4.2%	0.686	75.3%
P7381	46.857	34.4%	16.117	108.4%	30.2%	4.875	7.457	2.7%	0.434	72.2%
P72847	41.557	37.1%	15.418	103.7%	32.2%	4.971	7.602	3.6%	0.547	75.8%
P7034 (C)	41.153	36.1%	14.866	100.0%	35.3%	5.244	8.020	3.6%	0.528	75.3%
saxon*	39.189	37.8%	14.826	99.7%	38.0%	5.634	8.617	4.1%	0.607	77.6%
prospect*	38.815	36.9%	14.304	96.2%	37.1%	5.306	8.115	3.1%	0.445	77.0%
P7364	45.043	30.0%	13.534	91.0%	29.4%	3.983	6.092	4.7%	0.637	73.9%
P68106**	29.337	42.2%	12.369	83.2%	37.7%	4.659	7.125	2.1%	0.258	72.5%
cito*	24.134	45.7%	11.030	74.2%	39.8%	4.390	6.715	0.9%	0.102	74.5%
Hybrid	Neutral Detergent Fibre (NDF)	NDFD 30 Hours (%)	uNDF 240 Hours (%)	Metabolisable Energy (ME)	Metabolisable Energy (ME)	Fermentable Organic Dry Matter	Methane Yield	Methane Yield	Pioneer Rumen Degradable Starch Content (Grain Test)	Pioneer Rumen Degradable Starch Yield (Grain Test)
Name	% of dry matter	%	%	mega joules/kg dry matter	MJ ME (000's) / Ha	g/kg dry matter	litres/kg dry matter	litres/ha (000's)	%	tonnes dry matter / hectare
P7948	45.8%			12.1	217	770	324	5,795		
resolute*	38.0%			12.6	214	795	334	5,669		
P7647	42.4%			12.6	210	795	334	5,590	56.3	3.238
P7655	42.1%			12.5	204	791	332	5,447	56.7	3.314
P7381	45.0%			12.0	193	765	321	5,179	60.9	2.969
P72847	41.4%			12.5	193	789	331	5,106		
P7034 (C)	40.6%			12.5	185	785	330	4,900	66.6	3.494
saxon*	36.3%			12.8	190	808	339	5,032	61.8	3.481
prospect*	38.5%			12.7	182	807	339	4,849		
P7364	44.6%			12.2	165	778	327	4,420	62.2	2.479
P68106**	42.5%			12.0	149	769	323	3,993	57.4	2.672
cito*	41.0%			12.3	136	784	329	3,631	54.1	2.373

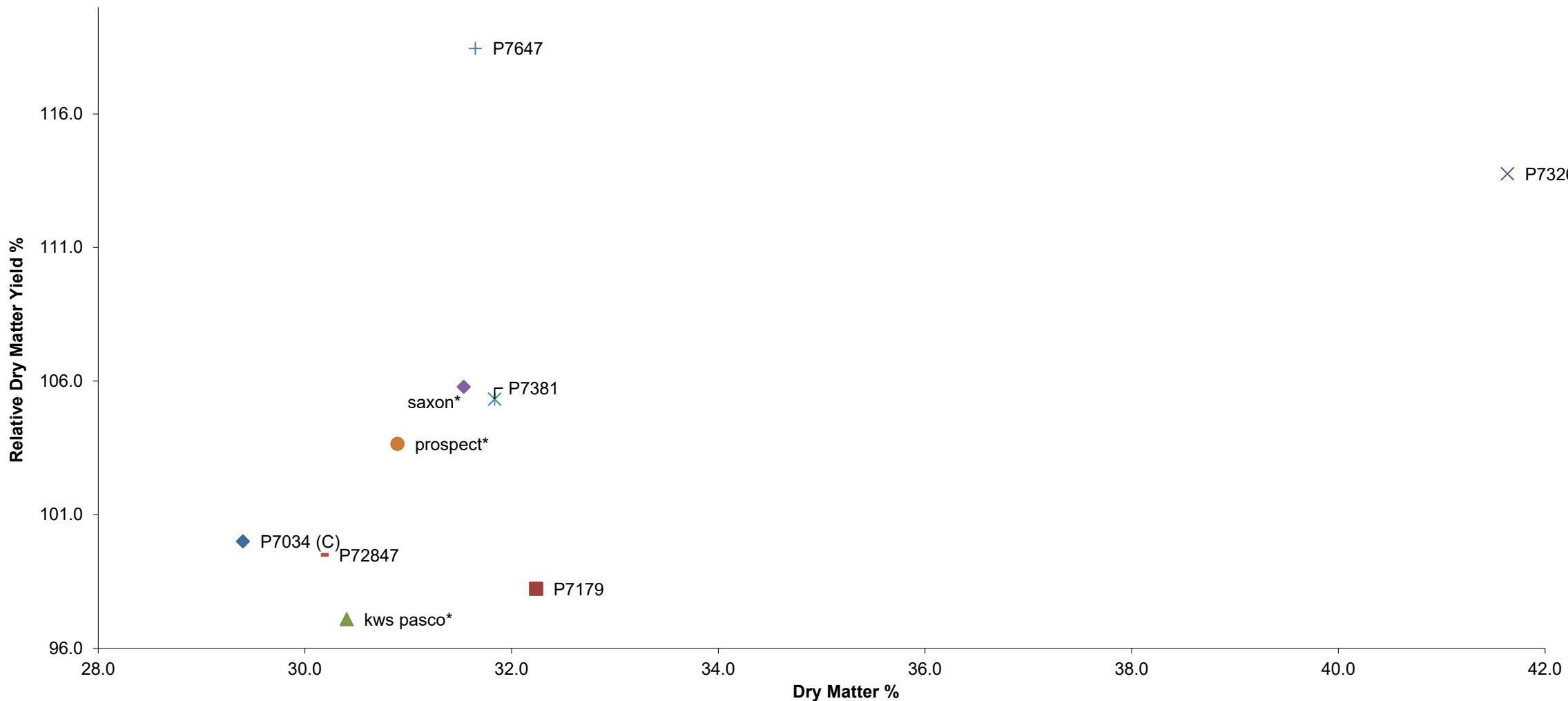
C = Control Hybrid; * = Competitor hybrid; ** = Trade name following official registration

**Gordon Baskerville & Co, Staffordshire,
Forage Results, 2024**



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

Gordon Baskerville & Co. Staffordshire, 2024, Dry Matter % vs Dry Matter Yield Scatter Results

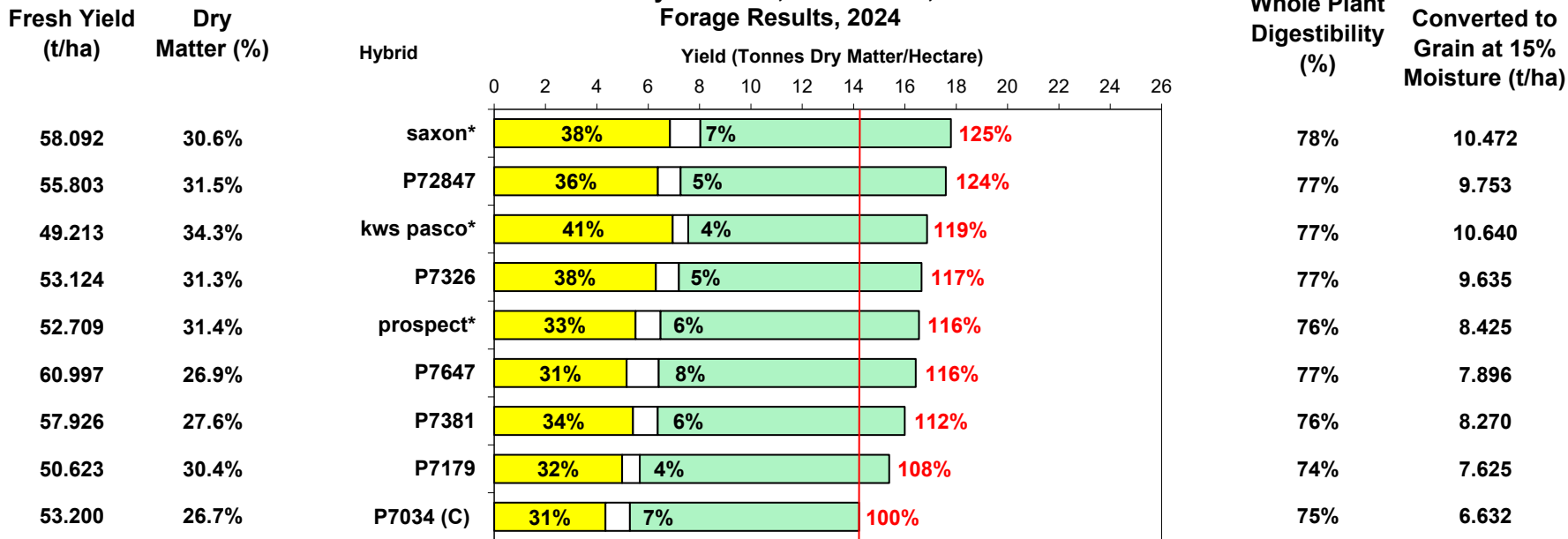


Trial Host	Gordon Baskerville & Co	County:	Staffordshire
Year	2024	Planting Date:	7th May 2024
Trial Type	Whole Plant Forage	Harvest Date:	8th October 2024
Trial Type	Open		

Hybrid	Fresh Weight Yield	Dry Matter Content	Dry Matter Yield	Relative Dry Matter Yield Index (C = 100%)	Starch Content	Starch Dry Matter Yield	Starch Yield Converted to Grain Yield at 15% Moisture	Sugar Content	Sugar Dry Matter Yield	Whole Plant Digestibility
Name	tonnes /hectare	%	tonnes /hectare	%	% of dry matter	tonnes /hectare	tonnes /hectare	% of dry matter	tonnes /hectare	% of dry matter
P7647	66.460	31.6%	21.034	118.5%	36.4%	7.659	11.714	1.2%	0.251	75.4%
P7326	48.517	41.6%	20.201	113.8%	40.6%	8.193	12.531	1.2%	0.234	74.8%
saxon*	59.565	31.5%	18.784	105.8%	39.0%	7.330	11.210	1.2%	0.230	76.6%
P7381	58.745	31.8%	18.702	105.3%	40.7%	7.608	11.635	1.2%	0.217	75.0%
prospect*	59.575	30.9%	18.406	103.7%	40.1%	7.381	11.288	1.2%	0.216	77.1%
P7034 (C)	60.399	29.4%	17.757	100.0%	34.8%	6.171	9.437	1.2%	0.218	74.9%
P72847	58.577	30.2%	17.667	99.5%	36.0%	6.361	9.729	1.2%	0.216	74.9%
P7179	54.107	32.2%	17.442	98.2%	37.4%	6.518	9.969	1.2%	0.208	74.0%
kws pasco*	56.704	30.4%	17.240	97.1%	34.9%	6.008	9.189	1.2%	0.203	73.5%
Hybrid	Neutral Detergent Fibre (NDF)	NDFD 30 Hours (%)	uNDF 240 Hours (%)	Metabolisable Energy (ME)	Metabolisable Energy (ME)	Fermentable Organic Dry Matter	Methane Yield	Methane Yield	Pioneer Rumen Degradable Starch Content (Grain Test)	Pioneer Rumen Degradable Starch Yield (Grain Test)
Name	% of dry matter	%	%	mega joules/kg dry matter	MJ ME (000's) / Ha	g/kg dry matter	litres/kg dry matter	litres/ha (000's)	%	tonnes dry matter / hectare
P7647	39.6%			12.5	263	795	334	7,024	58.5	4.478
P7326	38.3%			12.4	250	786	330	6,667		
saxon*	38.4%			12.7	238	800	336	6,315	70.8	5.192
P7381	37.0%			12.4	232	788	331	6,188	57.4	4.364
prospect*	35.7%			12.8	235	802	337	6,203	51.6	3.810
P7034 (C)	42.7%			12.4	220	785	330	5,853	75.2	4.643
P72847	40.9%			12.4	219	791	332	5,866	54.5	3.466
P7179	40.9%			12.2	214	783	329	5,735	61.8	4.027
kws pasco*	43.3%			12.2	210	780	328	5,646	71.3	4.282

C = Control Hybrid; * = Competitor hybrid; ** = Trade name following official registration

Taylor Farms, Oxfordshire, Forage Results, 2024



■ Starch Yield & %

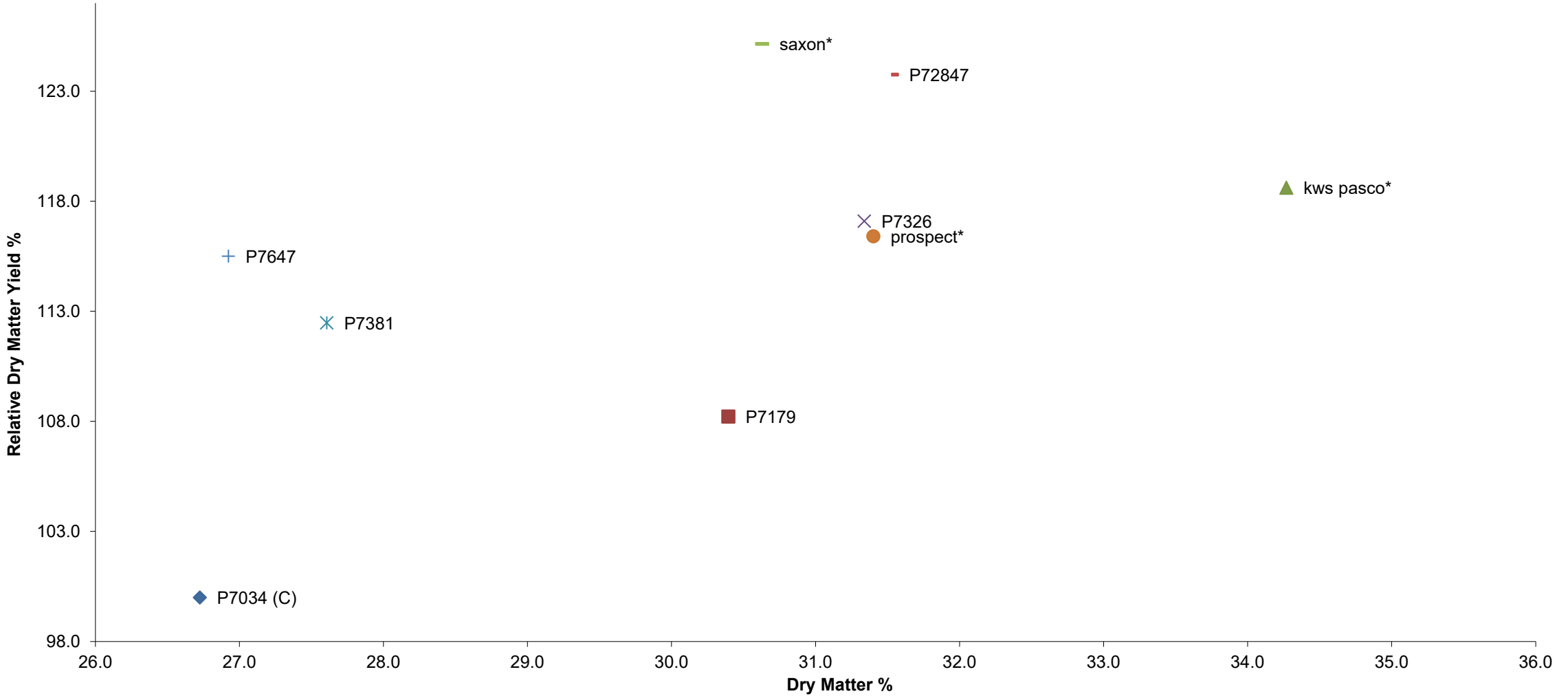
□ Sugar Yield & %

■ Stover Yield

■ Relative Dry Matter Yield Index (C = 100%)

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

Taylor Farms, Oxfordshire, 2024, Dry Matter % vs Dry Matter Yield Scatter Results

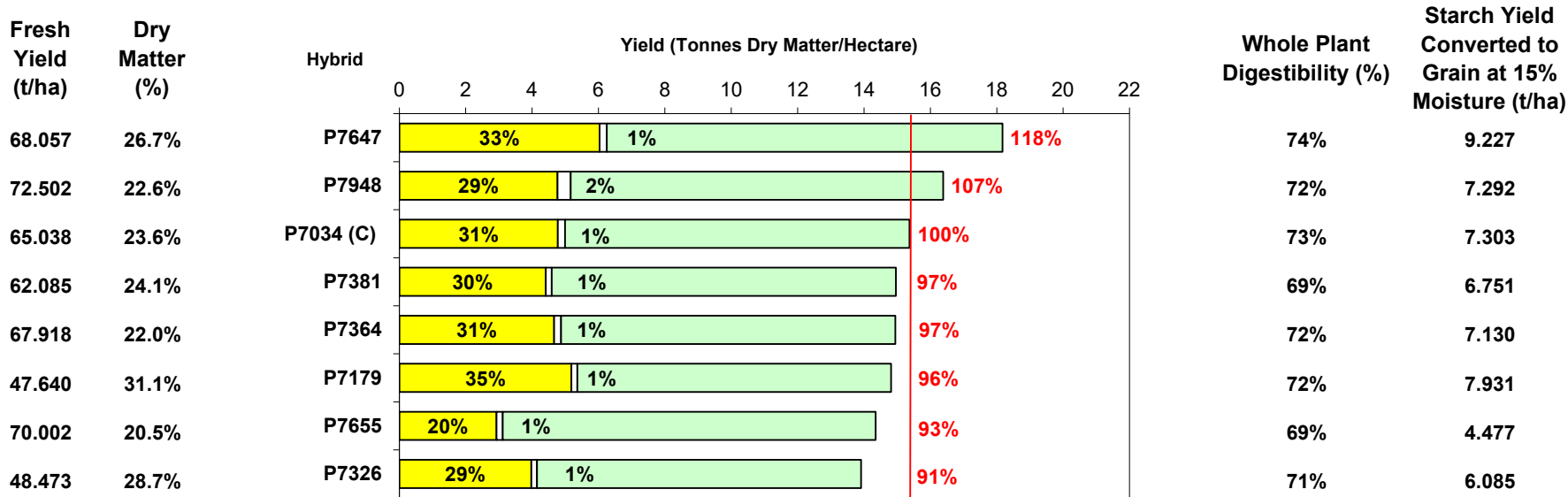


Trial Host	Taylor Farms	County:	Oxfordshire
Year	2024	Planting Date:	2nd May 2024
Trial Type	Whole Plant Forage	Harvest Date:	2nd October 2024
Trial Type	Open		

Hybrid	Fresh Weight Yield	Dry Matter Content	Dry Matter Yield	Relative Dry Matter Yield Index (C = 100%)	Starch Content	Starch Dry Matter Yield	Starch Yield Converted to Grain Yield at 15% Moisture	Sugar Content	Sugar Dry Matter Yield	Whole Plant Digestibility
Name	tonnes /hectare	%	tonnes /hectare	%	% of dry matter	tonnes /hectare	tonnes /hectare	% of dry matter	tonnes /hectare	% of dry matter
saxon*	58.092	30.6%	17.793	125.1%	38.5%	6.847	10.472	6.6%	1.183	77.7%
P72847	55.803	31.5%	17.594	123.8%	36.2%	6.377	9.753	5.0%	0.884	77.3%
kws pasco*	49.213	34.3%	16.864	118.6%	41.3%	6.957	10.640	3.6%	0.603	76.6%
P7326	53.124	31.3%	16.648	117.1%	37.8%	6.300	9.635	5.4%	0.895	77.4%
prospect*	52.709	31.4%	16.551	116.4%	33.3%	5.508	8.425	5.9%	0.972	76.1%
P7647	60.997	26.9%	16.422	115.5%	31.4%	5.163	7.896	7.6%	1.249	76.5%
P7381	57.926	27.6%	15.991	112.5%	33.8%	5.407	8.270	6.0%	0.963	75.9%
P7179	50.623	30.4%	15.386	108.2%	32.4%	4.986	7.625	4.5%	0.686	73.8%
P7034 (C)	53.200	26.7%	14.218	100.0%	30.5%	4.336	6.632	6.7%	0.953	75.3%
Hybrid	Neutral Detergent Fibre (NDF)	NDFD 30 Hours (%)	uNDF 240 Hours (%)	Metabolisable Energy (ME)	Metabolisable Energy (ME)	Fermentable Organic Dry Matter	Methane Yield	Methane Yield	Pioneer Rumen Degradable Starch Content (Grain Test)	Pioneer Rumen Degradable Starch Yield (Grain Test)
Name	% of dry matter	%	%	mega joules/kg dry matter	MJ ME (000's) / Ha	g/kg dry matter	litres/kg dry matter	litres/ha (000's)	%	tonnes dry matter / hectare
saxon*	36.3%			12.9	229	810	340	6,056		
P72847	38.7%			12.8	225	810	340	5,982		
kws pasco*	34.5%			12.7	214	805	338	5,704		
P7326	35.1%			12.8	213	806	339	5,637		
prospect*	39.6%			12.6	208	798	335	5,544		
P7647	38.4%			12.7	208	799	336	5,510		
P7381	38.3%			12.6	201	793	333	5,329		
P7179	42.1%			12.2	188	779	327	5,037		
P7034 (C)	42.2%			12.5	177	787	330	4,698		

C = Control Hybrid; * = Competitor hybrid; ** = Trade name following official registration

Neil Rowe, Cornwall Forage Strip Trial Grown In The Open, 2024



■ Starch Yield & %

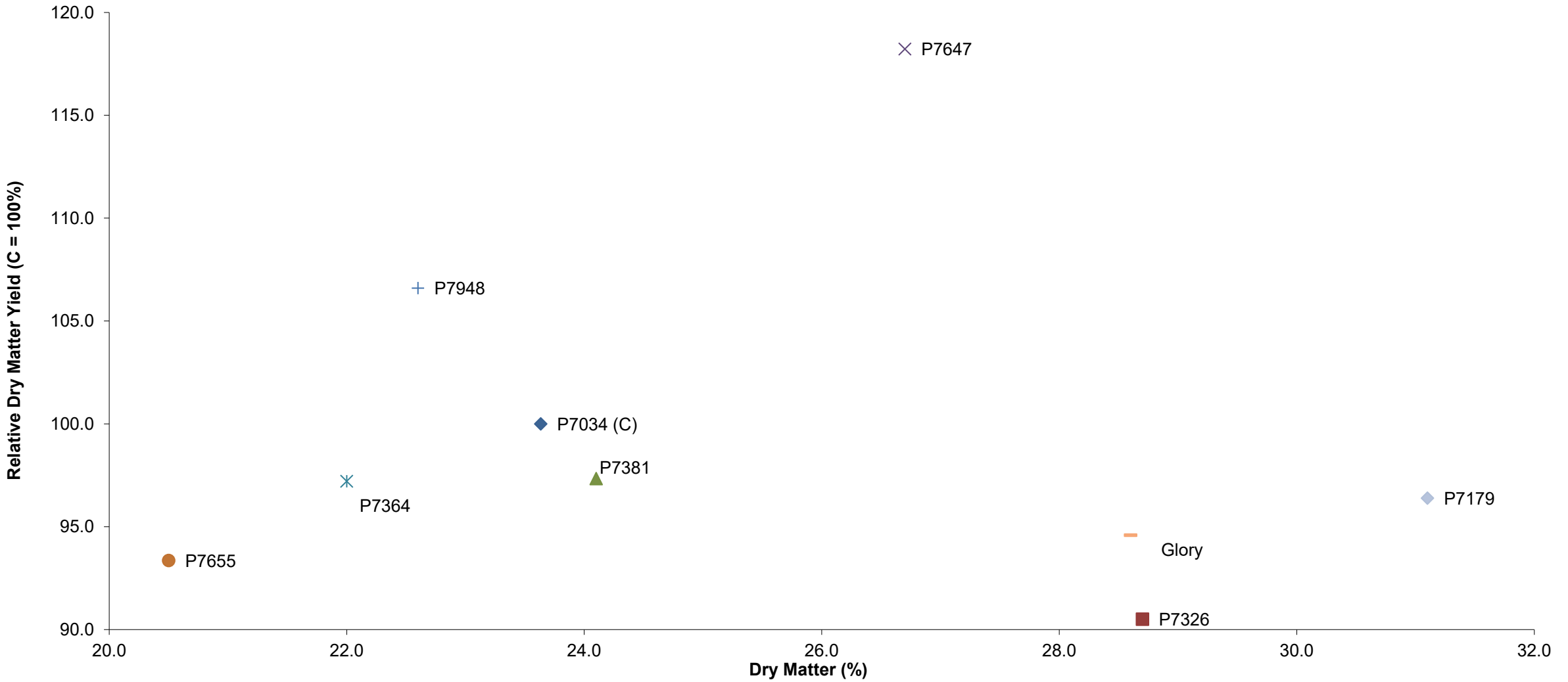
□ Sugar Yield & %

■ Stover Yield

■ Relative Dry Matter Yield Index (C = 100%)

C = Control; O = Grown in the Open; * = Competitor Hybrid; ** = Trade name following official registration

Neil Rowe, Cornwall
Forage Strip Trial Grown In The Open, 2024, Dry Matter % vs Dry Matter Yield

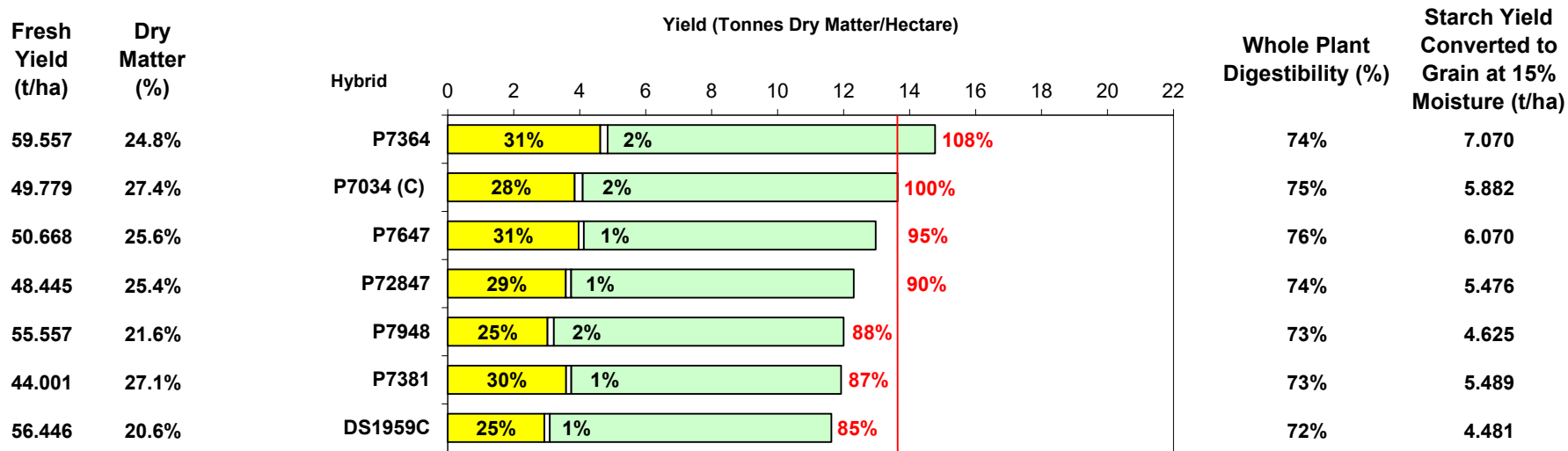


Trial Host				Neil Rowe, Cornwall				County:		Cornwall	
Year				2024				Planting Date		17th May, 2024	
PACTS Trial/Strip Trial				Strip Trial				Harvest Date		7th October, 2024	
Grown In The Open				Open							
Hybrid	Fresh Weight Yield	Dry Matter Content	Dry Matter Yield	Relative Dry Matter Yield Index (C = 100%)	Starch Content	Starch Dry Matter Yield	Starch Yield Converted to Grain Yield at 15% Moisture	Sugar Content	Sugar Dry Matter Yield	Whole Plant Digestibility	
Name	Tonnes /Hectare	%	Tonnes /Hectare	%	%	Tonnes /Hectare	Tonnes /Hectare	% of Dry Matter	Tonnes /Hectare	% of Dry Matter	
P7647	68.057	27%	18.171	118%	33.2%	6.033	9.227	1.2%	0.218	74%	
P7948	72.502	23%	16.385	107%	29.1%	4.768	7.292	2.4%	0.393	72%	
P7034 (C)	65.038	24%	15.370	100%	31.1%	4.775	7.303	1.4%	0.215	73%	
P7381	62.085	24%	14.962	97%	29.5%	4.414	6.751	1.2%	0.180	69%	
P7364	67.918	22%	14.942	97%	31.2%	4.662	7.130	1.4%	0.209	72%	
P7179	47.640	31%	14.816	96%	35.0%	5.185	7.931	1.2%	0.178	72%	
P7655	70.002	21%	14.350	93%	20.4%	2.927	4.477	1.3%	0.187	69%	
P7326	48.473	29%	13.912	91%	28.6%	3.979	6.085	1.2%	0.167	71%	
Hybrid	Neutral Detergent Fibre (NDF)	NDFD 30 Hours (%)	uNDF 240 Hours (%)	Metabolisable Energy (ME)	Metabolisable Energy (ME)	Fermentable Organic Dry Matter	Methane Yield	Methane Yield	Pioneer Rumen Degradable Starch (Grain Test)	Pioneer Rumen Degradable Starch (Grain Test)	
Name	% of Dry Matter	%	%	Mega Joules/Kg Dry Matter	MJ ME (000's) / Ha	g/kg Dry Matter	Litres/Kg Dry Matter	Litres / Hectare	%	Tonnes Dry Matter / Hectare	
P7647	42%			12.2	222	781	328	5963877			
P7948	44%			12.0	196	761	320	5237414			
P7034 (C)	45%			12.1	185	766	322	4943129			
P7381	47%			11.5	172	740	311	4652830			
P7364	43%			11.9	177	762	320	4778818			
P7179	43%			12.0	178	771	324	4800655			
P7655	53%			11.3	163	735	309	4428157			
P7326	48%			11.8	164	748	314	4370118			

C = Control Hybrid; * = Competitor hybrid; ** = Trade name following official registration

O = Grown In The Open

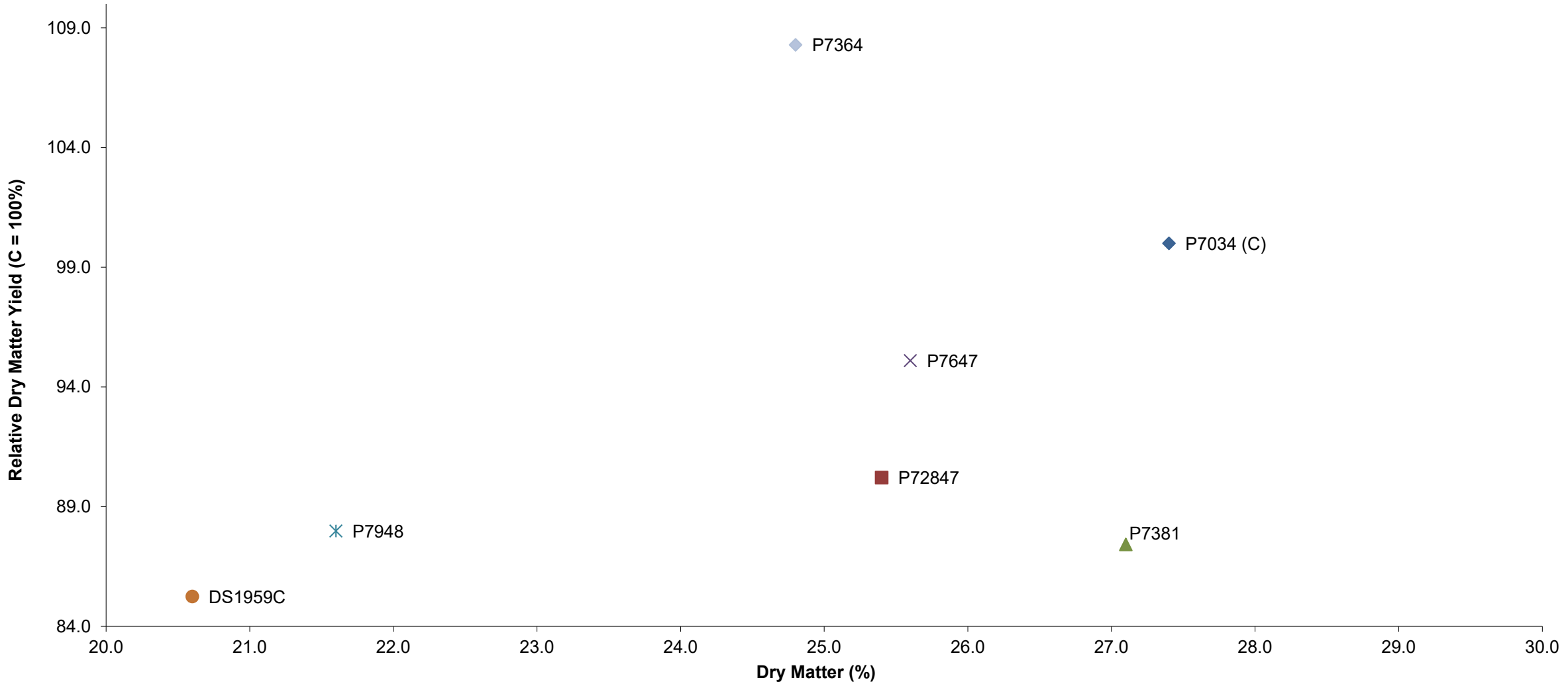
**John Philbin, Cheshire
Forage Strip Trial Grown In The Open, 2024**



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

C = Control; O = Grown in the Open; * = Competitor Hybrid; ** = Trade name following official registration

John Philbin, Cheshire
Forage Strip Trial Grown In The Open, 2024, Dry Matter % vs Dry Matter Yield

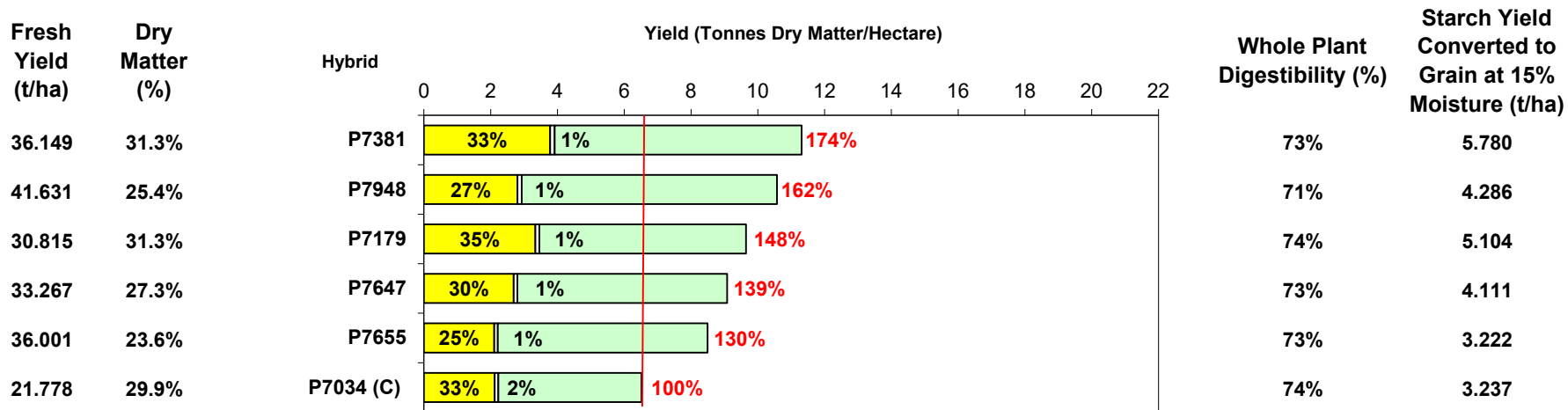


Trial Host		John Philbin					County:		Cheshire		
Year		2024					Planting Date		20th May 2024		
PACTS Trial/Strip Trial		Strip Trial					Harvest Date		25th October 2024		
Grown In The Open/Samco System		Open									
Hybrid	Fresh Weight Yield	Dry Matter Content	Dry Matter Yield	Relative Dry Matter Yield Index (C = 100%)	Starch Content	Starch Dry Matter Yield	Starch Yield Converted to Grain Yield at 15% Moisture	Sugar Content	Sugar Dry Matter Yield	Whole Plant Digestibility	
Name	Tonnes /Hectare	%	Tonnes /Hectare	%	%	Tonnes /Hectare	Tonnes /Hectare	% of Dry Matter	Tonnes /Hectare	% of Dry Matter	
P7364	59.557	25%	14.770	108%	31.3%	4.623	7.070	1.5%	0.222	74%	
P7034 (C)	49.779	27%	13.639	100%	28.2%	3.846	5.882	1.8%	0.246	75%	
P7647	50.668	26%	12.971	95%	30.6%	3.969	6.070	1.2%	0.156	76%	
P72847	48.445	25%	12.305	90%	29.1%	3.581	5.476	1.3%	0.160	74%	
P7948	55.557	22%	12.000	88%	25.2%	3.024	4.625	1.6%	0.192	73%	
P7381	44.001	27%	11.924	87%	30.1%	3.589	5.489	1.3%	0.155	73%	
DS1959C	56.446	21%	11.628	85%	25.2%	2.930	4.481	1.4%	0.163	72%	
Hybrid	Neutral Detergent Fibre (NDF)	NDFD 30 Hours (%)	uNDF 240 Hours (%)	Metabolisable Energy (ME)	Metabolisable Energy (ME)	Fermentable Organic Dry Matter	Methane Yield	Methane Yield	Pioneer Rumen Degradable Starch (Grain Test)	Pioneer Rumen Degradable Starch (Grain Test)	
Name	% of Dry Matter	%	%	Mega Joules/Kg Dry Matter	MJ ME (000's) / Ha	g/kg Dry Matter	Litres/Kg Dry Matter	Litres / Hectare	%	Tonnes Dry Matter / Hectare	
	24.8	42%		12.3	181	775	326	4809448			
P7034 (C)		45%		12.4	169	768	322	4397003			
P7647		42%		12.5	163	786	330	4280220			
P72847		45%		12.3	151	776	326	4011980			
P7948		48%		12.1	145	762	320	3839270			
P7381		44%		12.1	144	764	321	3828537			
DS1959C		46%		11.9	138	749	315	3658851			

C = Control Hybrid; * = Competitor hybrid; ** = Trade name following official registration

O = Grown In The Open

Forward Farming, Lincolnshire Forage Strip Trial Grown In The Open, 2024



■ Starch Yield & %

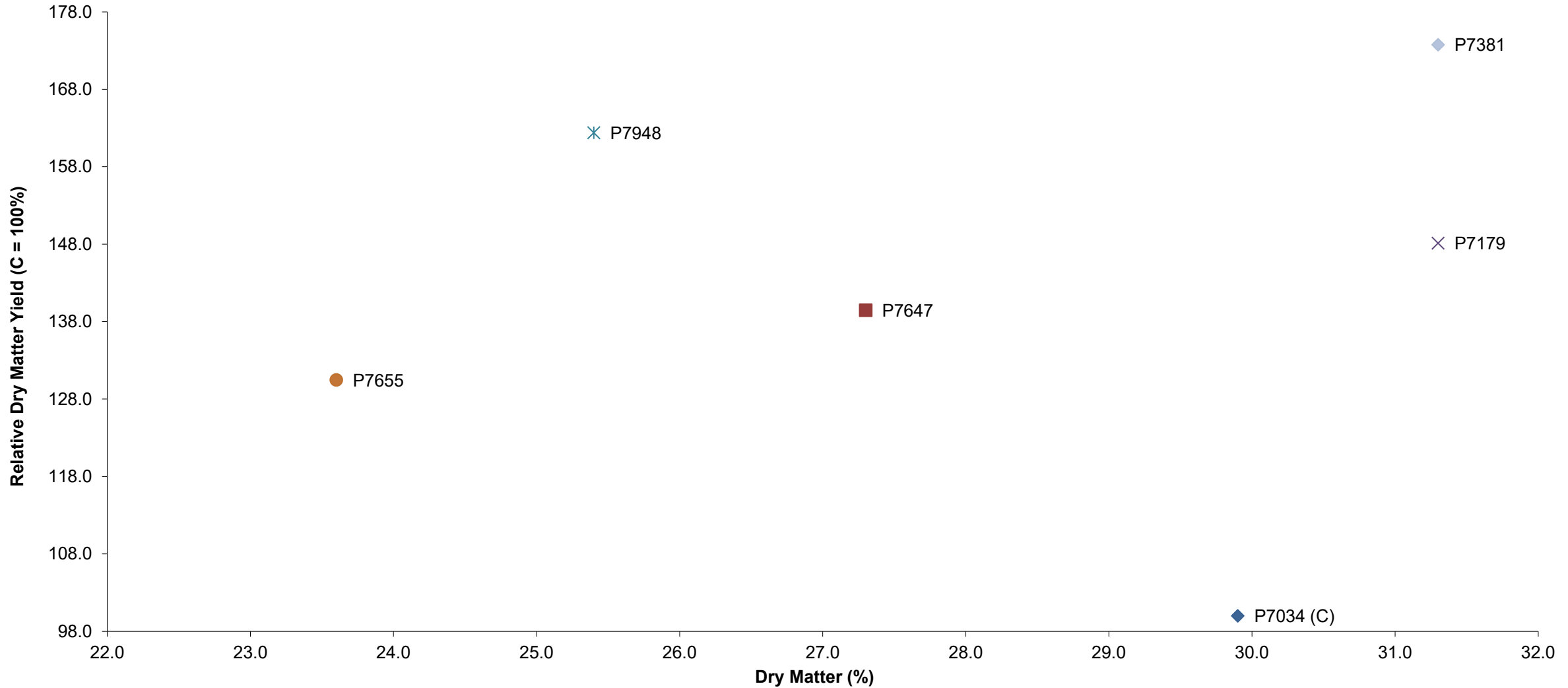
□ Sugar Yield & %

■ Stover Yield

■ Relative Dry Matter Yield Index (C = 100%)

C = Control; O = Grown in the Open; * = Competitor Hybrid; ** = Trade name following official registration

Forward Farming, Lincolnshire
Forage Strip Trial Grown In The Open, 2024, Dry Matter % vs Dry Matter Yield

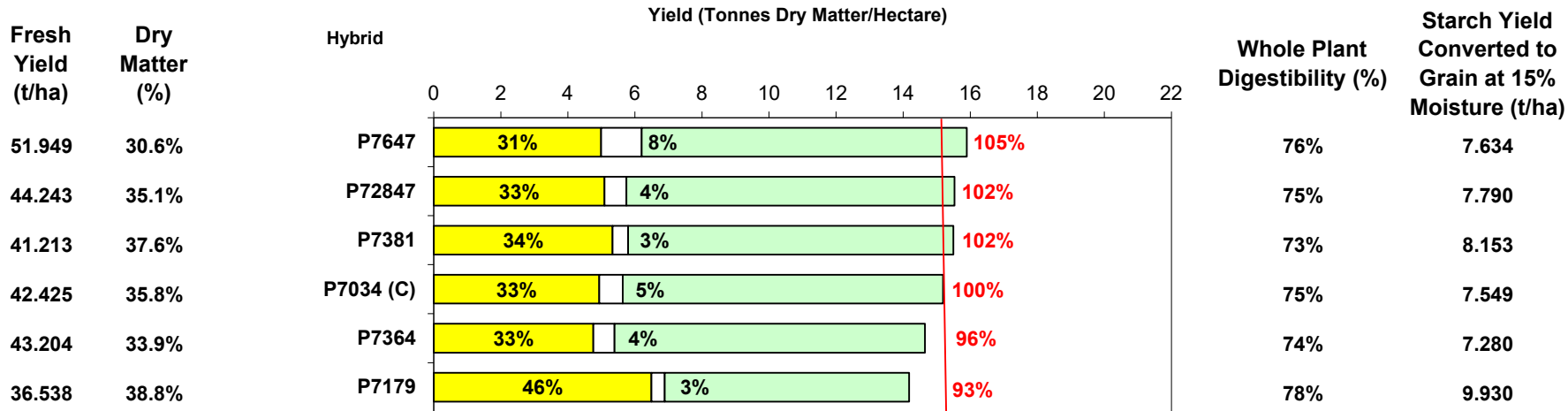


Trial Host				Forward Farming			County:		Lincolnshire	
Year				2024			Planting Date		20th May 2024	
PACTS Trial/Strip Trial				Strip Trial			Harvest Date		23rd October 2024	
Grown In The Open/Samco System				Open						
Hybrid	Fresh Weight Yield	Dry Matter Content	Dry Matter Yield	Relative Dry Matter Yield Index (C = 100%)	Starch Content	Starch Dry Matter Yield	Starch Yield Converted to Grain Yield at 15% Moisture	Sugar Content	Sugar Dry Matter Yield	Whole Plant Digestibility
Name	Tonnes /Hectare	%	Tonnes /Hectare	%	%	Tonnes /Hectare	Tonnes /Hectare	% of Dry Matter	Tonnes /Hectare	% of Dry Matter
P7381	36.149	31%	11.314	174%	33.4%	3.779	5.780	1.2%	0.136	73%
P7948	41.631	25%	10.574	162%	26.5%	2.802	4.286	1.2%	0.127	71%
P7179	30.815	31%	9.645	148%	34.6%	3.337	5.104	1.2%	0.116	74%
P7647	33.267	27%	9.082	139%	29.6%	2.688	4.111	1.2%	0.109	73%
P7655	36.001	24%	8.496	130%	24.8%	2.107	3.222	1.2%	0.102	73%
P7034 (C)	21.778	30%	6.512	100%	32.5%	2.116	3.237	1.7%	0.111	74%
Hybrid	Neutral Detergent Fibre (NDF)	NDFD 30 Hours (%)	uNDF 240 Hours (%)	Metabolisable Energy (ME)	Metabolisable Energy (ME)	Fermentable Organic Dry Matter	Methane Yield	Methane Yield	Pioneer Rumen Degradable Starch (Grain Test)	Pioneer Rumen Degradable Starch (Grain Test)
Name	% of Dry Matter	%	%	Mega Joules/Kg Dry Matter	MJ ME (000's) / Ha	g/kg Dry Matter	Litres/Kg Dry Matter	Litres / Hectare	%	Tonnes Dry Matter / Hectare
P7381	43%			12.1	137	769	323	3654543		
P7948	48%			11.8	125	760	319	3376831		
P7179	42%			12.2	118	784	329	3175432		
P7647	46%			12.0	109	770	323	2935620		
P7655	50%			12.2	103	780	327	2781891		
P7034 (C)	43%			12.3	80	774	325	2116033		

C = Control Hybrid; * = Competitor hybrid; ** = Trade name following official registration

O = Grown In The Open

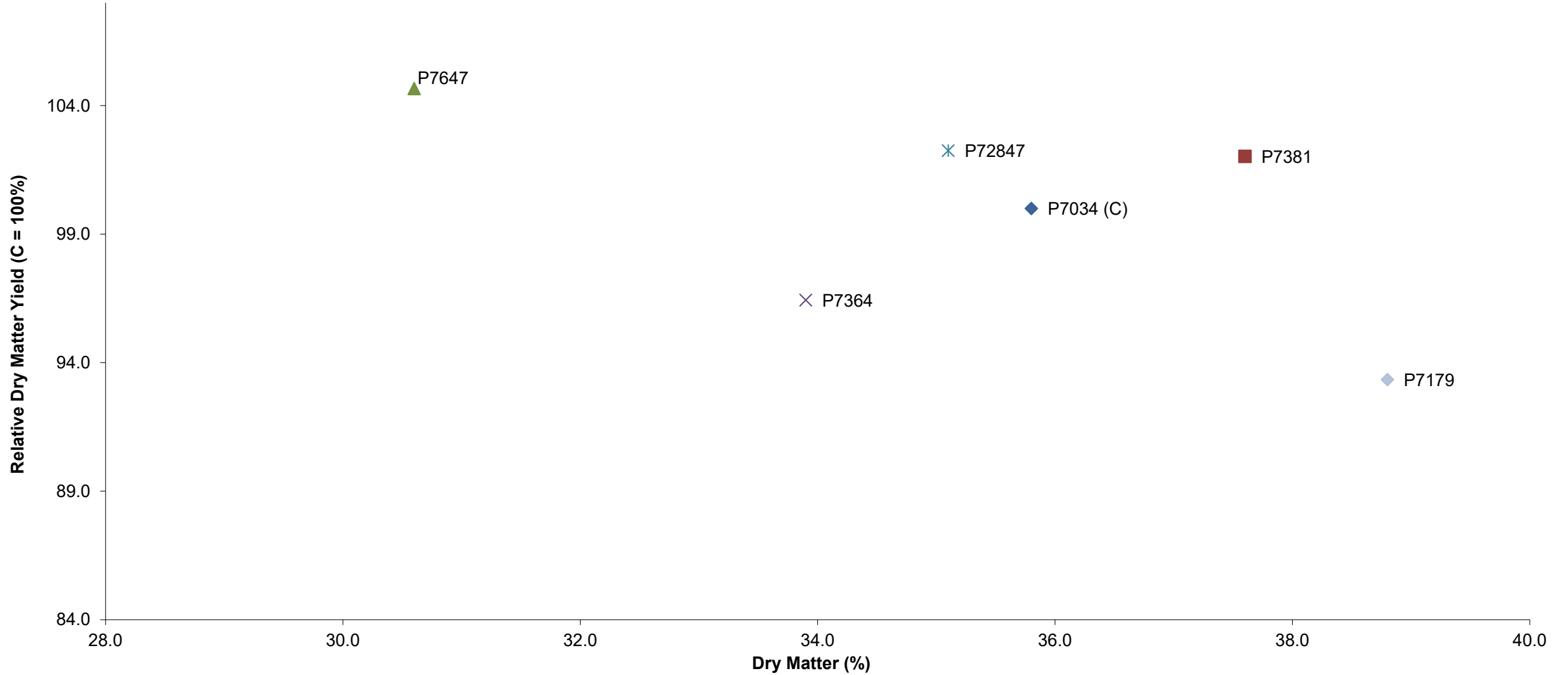
C.J. & S Lister, Cheshire Forage Strip Trial Grown In The Open, 2024



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

C = Control; O = Grown in the Open; * = Competitor Hybrid; ** = Trade name following official registration

C.J. & S. Lister, Cheshire
Forage Strip Trial Grown In The Open, 2024, Dry Matter % vs Dry Matter Yield



Trial Host			C.J. & S. Lister				County:		Cheshire	
Year			2024				Planting Date		00 January 1900	
Strip Trial			Strip Trial				Harvest Date		12th October 2024	
Grown In The Open			Open							
Hybrid	Fresh Weight Yield	Dry Matter Content	Dry Matter Yield	Relative Dry Matter Yield Index (C = 100%)	Starch Content	Starch Dry Matter Yield	Starch Yield Converted to Grain Yield at 15% Moisture	Sugar Content	Sugar Dry Matter Yield	Whole Plant Digestibility
Name	Tonnes /Hectare	%	Tonnes /Hectare	%	%	Tonnes /Hectare	Tonnes /Hectare	% of Dry Matter	Tonnes /Hectare	% of Dry Matter
P7647	51.949	31%	15.896	105%	31.4%	4.991	7.634	7.6%	1.208	76%
P72847	44.243	35%	15.529	102%	32.8%	5.094	7.790	4.2%	0.652	75%
P7381	41.213	38%	15.496	102%	34.4%	5.331	8.153	3.0%	0.465	73%
P7034 (C)	42.425	36%	15.188	100%	32.5%	4.936	7.549	4.6%	0.699	75%
P7364	43.204	34%	14.646	96%	32.5%	4.760	7.280	4.3%	0.630	74%
P7179	36.538	39%	14.176	93%	45.8%	6.493	9.930	2.8%	0.397	78%
Hybrid	Neutral Detergent Fibre (NDF)	NDFD 30 Hours (%)	uNDF 240 Hours (%)	Metabolisable Energy (ME)	Metabolisable Energy (ME)	Fermentable Organic Dry Matter	Methane Yield	Methane Yield	Pioneer Rumen Degradable Starch (Grain Test)	Pioneer Rumen Degradable Starch (Grain Test)
Name	% of Dry Matter	%	%	Mega Joules/Kg Dry Matter	MJ ME (000's) / Ha	g/kg Dry Matter	Litres/Kg Dry Matter	Litres / Hectare	%	Tonnes Dry Matter / Hectare
P7647	41%			12.6	201	802	337	5351399		
P72847	43%			12.4	193	787	330	5131107		
P7381	44%			12.1	188	776	326	5053449		
P7034 (C)	43%			12.3	187	782	329	4991114	67.6	3.3
P7364	42%			12.2	179	781	328	4806977		
P7179	32%			12.9	183	816	343	4858113		

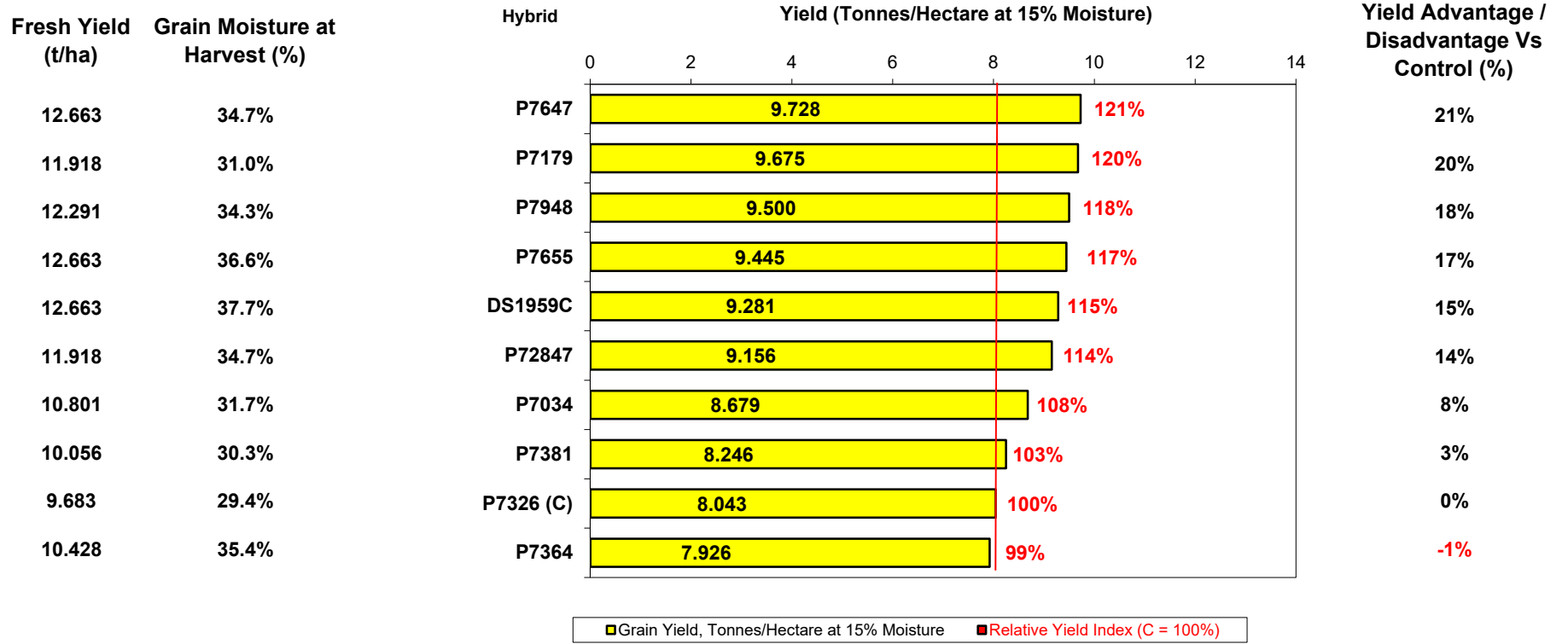
C = Control Hybrid; * = Competitor hybrid; ** = Trade name following official registration

O = Grown In The Open

Individual Grain Results 2024



Tim Farthing, Wiltshire, Grain Results, 2024

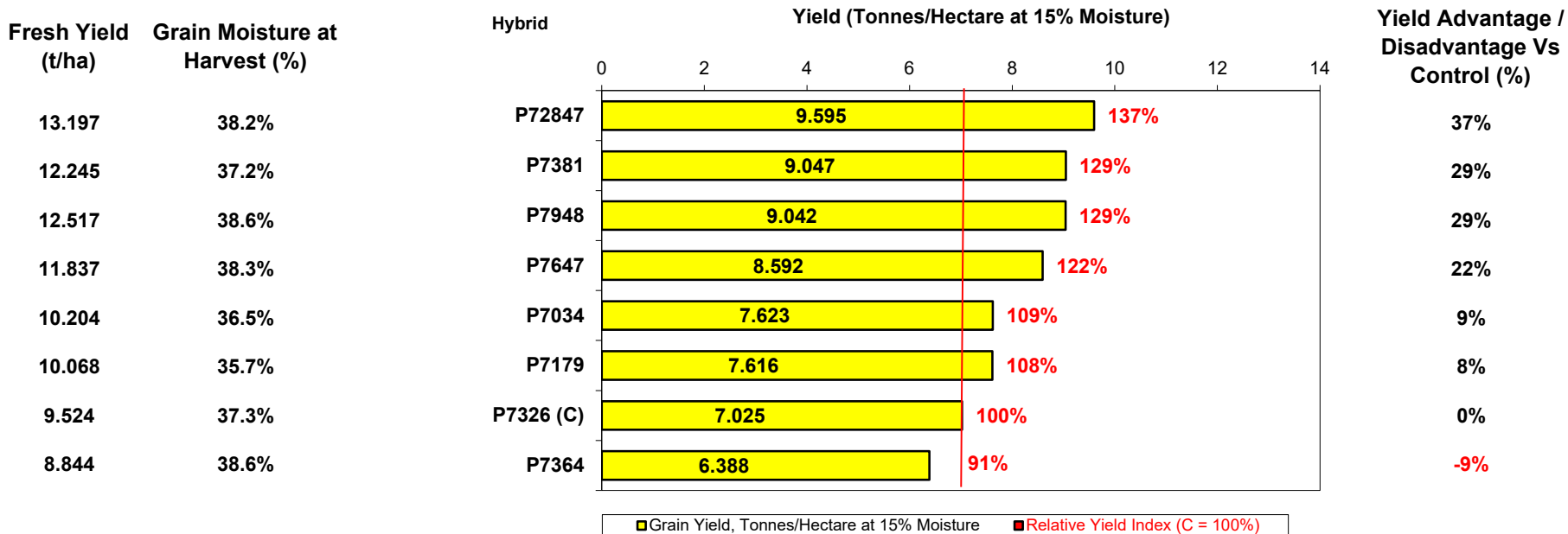


C = Control; * = Competitor hybrid; ** = Trade name following official registration

<i>Trial</i>			<i>Tim Farthing</i>	<i>Wiltshire</i>
<i>Year</i>			<i>2024</i>	<i>Planting Date:</i>
<i>PACTS Trial/Strip Trial</i>			<i>Strip Trial</i>	<i>13th May 2024</i>
<i>Grown In The Open/Grown Under Film</i>			<i>Grown In The Open</i>	<i>Harvest Date:</i>
<i>Grown In The Open/Grown Under Film</i>			<i>Grown In The Open</i>	<i>17th October 2024</i>
Hybrid	Moisture Content at Harvest	Grain Yield at 15% Moisture	Relative Grain Yield (C = 100%)	
Name	%	Tonnes /Hectare	%	
P7647	35%	9.728	121%	
P7179	31%	9.675	120%	
P7948	34%	9.500	118%	
P7655	37%	9.445	117%	
DS1959C	38%	9.281	115%	
P72847	35%	9.156	114%	
P7034	32%	8.679	108%	
P7381	30%	8.246	103%	
P7326 (C)	29%	8.043	100%	
P7364	35%	7.926	99%	

C = Control Hybrid; * = Competitor hybrid; ** = Trade name following official registration

RDS Farms, Essex, Grain Results, 2024

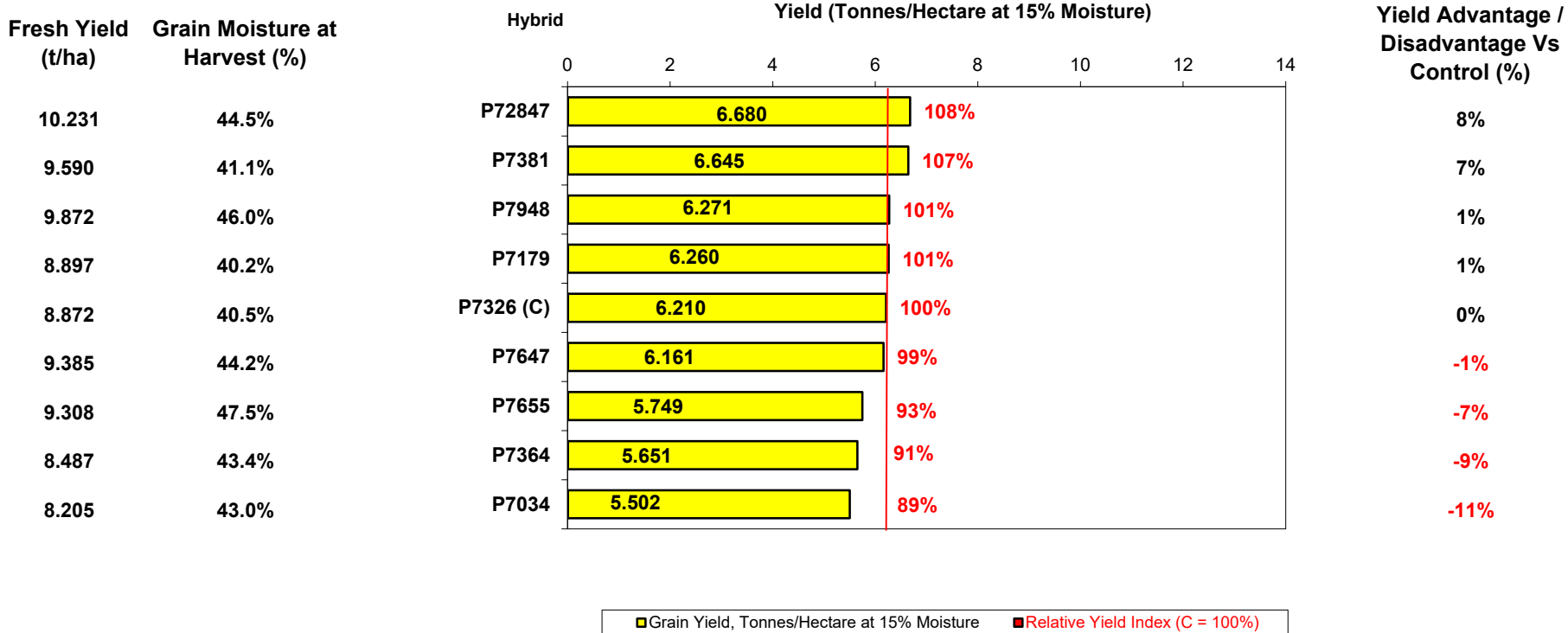


C = Control; * = Competitor hybrid; ** = Trade name following official registration

<i>Trial</i>		<i>RDS Farms</i>	<i>Essex</i>
<i>Year</i>		<i>2024</i>	<i>Planting Date:</i> 1st April 2024
<i>PACTS Trial/Strip Trial</i>		<i>Strip Trial</i>	<i>Harvest Date;</i> 23rd October 2024
<i>Grown In The Open/Grown Under Film</i>		<i>Grown In The Open</i>	
Hybrid	Moisture Content at Harvest	Grain Yield at 15% Moisture	Relative Grain Yield (C = 100%)
Name	%	Tonnes /Hectare	%
P72847	38%	9.595	137%
P7381	37%	9.047	129%
P7948	39%	9.042	129%
P7647	38%	8.592	122%
P7034	37%	7.623	109%
P7179	36%	7.616	108%
P7326 (C)	37%	7.025	100%
P7364	39%	6.388	91%

C = Control Hybrid; * = Competitor hybrid; ** = Trade name following official registration

J.R. & E.H. Nott, Sudbury, Suffolk, Grain Results, 2024

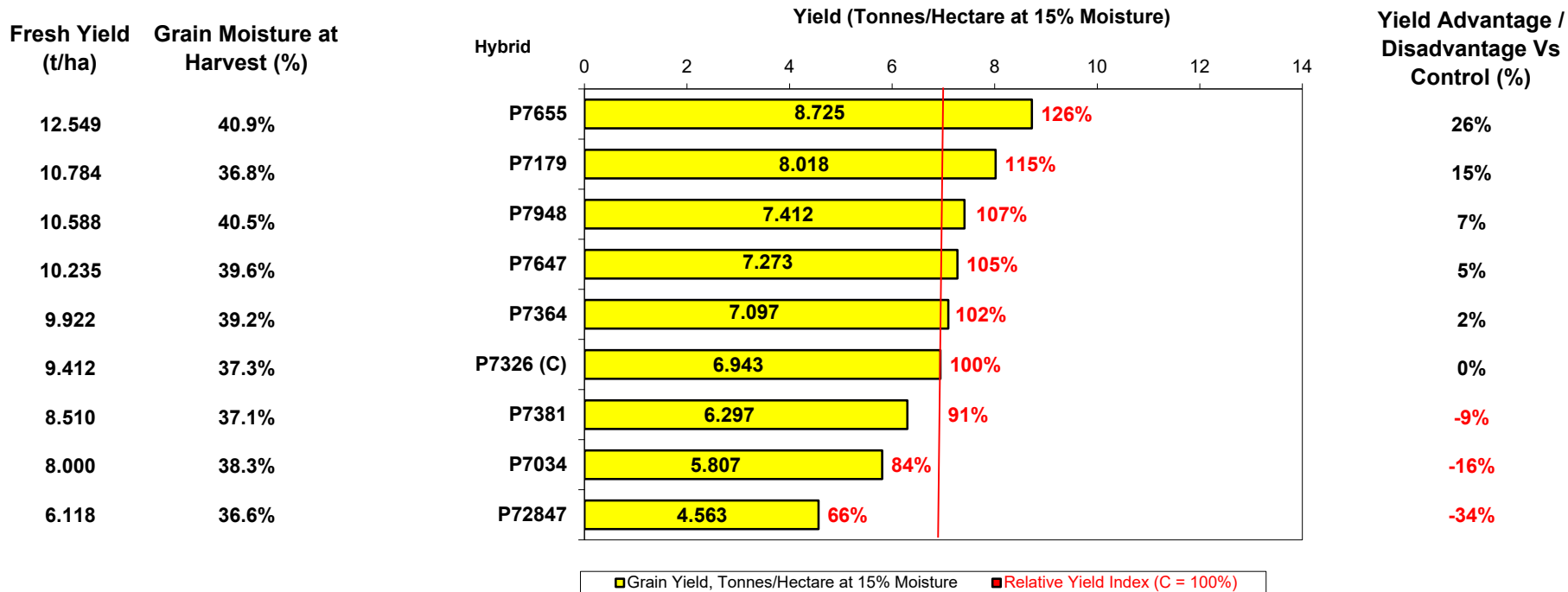


C = Control; * = Competitor hybrid; ** = Trade name following official registration

<i>Trial</i>		<i>J.R. & E.H. Nott</i>		<i>Suffolk</i>	
<i>Year</i>		<i>2024</i>		<i>Planting Date:</i>	<i>21st May 2024</i>
<i>PACTS Trial/Strip Trial</i>		<i>Strip Trial</i>		<i>Harvest Date:</i>	<i>30th October 2024</i>
<i>Grown In The Open/Grown Under Film</i>		<i>Grown In The Open</i>			
Hybrid	Moisture Content at Harvest	Grain Yield at 15% Moisture	Relative Grain Yield (C = 100%)		
Name	%	Tonnes /Hectare	%		
P72847	45%	6.680	108%		
P7381	41%	6.645	107%		
P7948	46%	6.271	101%		
P7179	40%	6.260	101%		
P7326 (C)	41%	6.210	100%		
P7647	44%	6.161	99%		
P7655	48%	5.749	93%		
P7364	43%	5.651	91%		
P7034	43%	5.502	89%		

C = Control Hybrid; * = Competitor hybrid; ** = Trade name following official registration

A.H. Oliver & Sons, Leicestershire, Grain Results, 2024

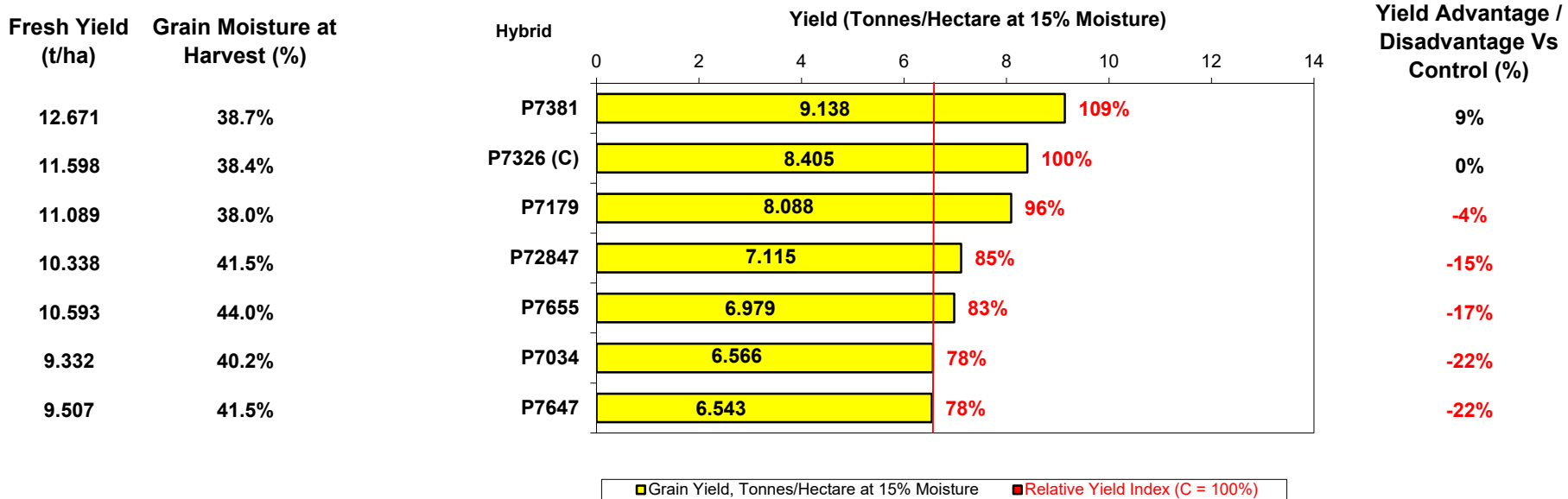


C = Control; * = Competitor hybrid; ** = Trade name following official registration

<i>Trial</i>		<i>A.H. Oliver & Sons</i>	<i>Leicestershire</i>
<i>Year</i>		<i>2024</i>	<i>Planting Date</i> 9th May 2024
<i>PACTS Trial/Strip Trial</i>		<i>Strip Trial</i>	<i>Harvest Date</i> 8th November 2024
<i>Grown In The Open/Grown Under Film</i>		<i>Grown In The Open</i>	
Hybrid	Moisture Content at Harvest	Grain Yield at 15% Moisture	Relative Grain Yield (C = 100%)
Name	%	Tonnes /Hectare	%
P7655	41%	8.725	126%
P7179	37%	8.018	115%
P7948	41%	7.412	107%
P7647	40%	7.273	105%
P7364	39%	7.097	102%
P7326 (C)	37%	6.943	100%
P7381	37%	6.297	91%
P7034	38%	5.807	84%
P72847	37%	4.563	66%

C = Control Hybrid; * = Competitor hybrid; ** = Trade name following official registration

S. & E. Aldridge, Leicestershire Grain Results, 2024



C = Control; * = Competitor hybrid; ** = Trade name following official registration

<i>Trial</i>			<i>S. & E. Aldridge</i>	<i>Leicestershire</i>
<i>Year</i>			<i>2024</i>	<i>Planting Date:</i> 1st April 2024
<i>PACTS Trial/Strip Trial</i>			<i>Strip Trial</i>	<i>Harvest Date:</i> 10th October 2024
<i>Grown In The Open/Grown Under Film</i>			<i>Grown In The Open</i>	
Hybrid	Moisture Content at Harvest	Grain Yield at 15% Moisture	Relative Grain Yield (C = 100%)	
Name	%	Tonnes /Hectare	%	
P7381	39%	9.138	109%	
P7326 (C)	38%	8.405	100%	
P7179	38%	8.088	96%	
P72847	42%	7.115	85%	
P7655	44%	6.979	83%	
P7034	40%	6.566	78%	
P7647	42%	6.543	78%	

C = Control Hybrid; * = Competitor hybrid; ** = Trade name following official registration

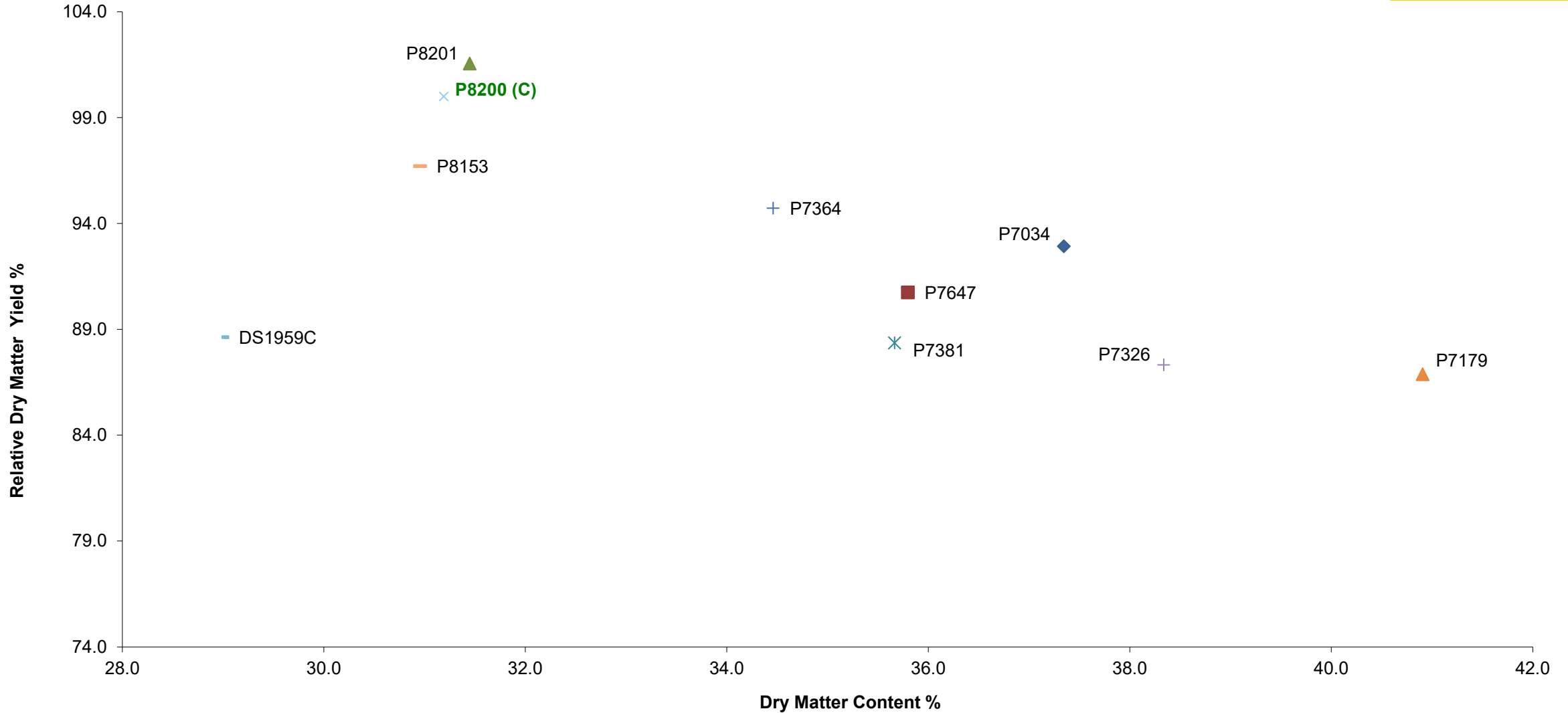
Samco System Summaries 2014 - 2023

**Strip Trials Grown Under The Samco System,
Whole Plant Forage, 2014 - 2024**

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 (%)	
9	32	54.286	31.4%	P8201		102%	70%	8.169	2%
11	53	53.892	31.2%	P8200 (C)		100%	69%	8.091	0%
2	2	52.515	31.0%	P8153		97%	70%	7.970	-3%
4	14	46.206	34.5%	P7364		95%	69%	7.980	-5%
8	29	41.827	37.3%	P7034		93%	70%	8.384	-7%
2	5	42.612	35.8%	P7647		91%	69%	7.613	-9%
3	3	51.386	29.0%	DS1959C		89%	70%	7.229	-11%
3	6	41.646	35.7%	P7381		88%	68%	7.382	-12%
11	39	38.288	38.3%	P7326		87%	71%	7.969	-13%
3	9	35.701	40.9%	P7179		87%	70%	8.215	-13%

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

Strip Trials Grown Under The Samco System, Whole Plant Forage, 2014 - 2024



Summary	Strip Trials Grown Under The Samco System 2014-2024
Year	Multiple Year Summary
Trial Type	Whole Plant Forage
	Grown Under The Samco System

HYBRID	TRIALS		YIELDS				STARCH, SUGAR & DIGESTIBILITY				FIBRE
	Number of Years	Number of Sites	Fresh Weight Yield	Dry Matter Content	Dry Matter Yield	Relative Dry Matter Yield Index (C = 100%)	Starch Content	Starch Yield Converted to Grain Yield at 15% Moisture	Sugar Content	Whole Plant Digestibility	Neutral Detergent Fibre (NDF)
Name			Tonnes /Hectare	%	Tonnes /Hectare	%	%	Tonnes /Hectare	%	%	% of Dry Matter
P8201	9	32	54.286	31.4%	17.071	101.6%	31.3%	8.169	4.0%	69.8%	42%
P8200 (C)	11	53	53.892	31.2%	16.809	100.0%	31.5%	8.091	3.4%	69.1%	42%
P8153	2	2	52.515	31.0%	16.256	96.7%	32.1%	7.970	3.4%	70.1%	42%
P7364	4	14	46.206	34.5%	15.923	94.7%	32.8%	7.980	3.4%	68.9%	42%
P7034	8	29	41.827	37.3%	15.620	92.9%	35.1%	8.384	2.7%	70.3%	40%
P7647	2	5	42.612	35.8%	15.254	90.7%	32.6%	7.613	3.9%	69.3%	41%
DS1959C	3	3	51.386	29.0%	14.898	88.6%	31.7%	7.229	2.6%	70.3%	41%
P7381	3	6	41.646	35.7%	14.853	88.4%	32.5%	7.382	2.8%	68.4%	42%
P7326	11	39	38.288	38.3%	14.678	87.3%	35.5%	7.969	3.2%	70.8%	40%
P7179	3	9	35.701	40.9%	14.604	86.9%	36.8%	8.215	2.8%	70.5%	39%

HYBRID	FIBRE				FINANCIAL	GAS	
	NDF Digestibility 30 Hours (%)	undegradable NDF 240 Hours (%)	Metabolisable Energy (ME)	Metabolisable Energy (ME)	Dry Matter Yield Advantage / Disadvantage Vs Control	Methane	Methane
Name	%	%	Mega Joules/Kg Dry Matter	Mega Joules (000's / Ha)	%	l / Kg DM	l / Ha
P8201			11.6	197	1.6%	311	5,296,171
P8200 (C)			11.4	192	0.0%	311	5,234,247
P8153			11.6	189	-3.3%	317	5,145,560
P7364			11.4	182	-5.3%	313	4,976,825
P7034			11.6	182	-7.1%	316	4,913,988
P7647			11.5	175	-9.3%	314	4,793,761
DS1959C			11.6	173	-11.4%	316	4,698,052
P7381			11.3	168	-11.6%	311	4,621,449
P7326			11.7	172	-12.7%	319	4,673,702
P7179			11.7	170	-13.1%	319	4,666,753

(C) = Control hybrid

* = Competitor hybrid;

** = Trade name following official registration

O = Grown In The Open

Predicted Methane Yields

Methane Gas Yield Predictions from PACTS Trials

Favourable Sites Grown In The Open						Less Favourable Sites Grown In The Open					
2021 - 2024						2021 - 2024					
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			
P7655	5,765,074	336	34.7%	2	14	P7647	5,415,333	334	33.9%	3	28
P8201	5,730,207	329	29.2%	4	5	saxon*	5,314,475	335	36.3%	2	13
DS1897B	5,635,477	329	29.6%	2	18	P7381	5,155,039	331	35.3%	3	28
P7948	5,628,021	329	33.5%	4	32	P7364	5,082,181	332	32.2%	4	31
resolute*	5,598,477	337	36.2%	3	22	P7179	5,061,109	334	37.8%	4	29
P7647	5,585,975	334	34.8%	3	27	prospect*	4,957,942	336	36.4%	3	22
P8200	5,482,410	329	31.5%	3	12	ambition*	4,924,232	333	36.4%	2	16
P7381	5,449,984	332	36.0%	3	26	kws pasco*	4,902,323	334	37.7%	1	8
ambition*	5,401,665	333	38.8%	2	10	P7326	4,900,949	333	36.4%	4	34
P7364	5,400,301	331	34.9%	4	33	kws calvini*	4,842,348	332	37.0%	3	22
P7179	5,322,297	334	39.4%	4	30	P7034 (C)	4,768,526	332	35.7%	4	39
DS1959C	5,319,484	329	30.7%	2	10	1067D035-01	4,505,627	328	39.9%	1	3
saxon*	5,312,259	334	37.3%	2	16	cito*	3,947,773	326	41.2%	2	10
kws pasco*	5,200,654	333	42.0%	1	8						
P7326	5,079,808	330	38.1%	4	31						
P7034 (C)	4,955,815	331	37.0%	4	33						
kws calvini*	4,899,336	332	38.3%	3	17						
prospect*	4,796,435	335	35.9%	3	24						
cito*	4,262,920	332	40.5%	1	1						

* = Competitor Hybrid

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*** 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.

Pioneer Relative Rumen Degradable Starch Results

Summary		All PACTS® Sites					
Year		Multiple Year Summary 2021 - 2024					
Trial Type		Whole Plant Forage Grown In The Open					
Hybrid	Dry Matter Content	Starch Content	Relative Dry Matter Yield Index (C = 100%)	Rumen Degradable Starch Analyses			
				Sites Tested	Years Tested	Pioneer Relative Rumen Degradable Starch Content	Pioneer Relative Rumen Degradable Starch Yield
	%	%	%			%	Tonnes Dry Matter / Hectare
P7034 (C)	36.3%	36.5%	100.0%	46	4	71.6%	3.825
P7326	37.2%	37.1%	102.5%	23	3	68.8%	3.828
P7179	38.6%	38.7%	105.8%	31	4	60.4%	3.621
kws pasco*	39.9%	37.8%	103.3%	8	1	64.2%	3.679
DS1897B	29.0%	32.9%	114.2%	8	2	57.7%	3.174
prospect*	36.0%	37.4%	98.9%	16	3	60.9%	3.296
P7647	34.3%	36.2%	112.1%	29	3	57.4%	3.409
saxon*	36.8%	36.7%	107.9%	17	2	61.2%	3.544
P7655	33.6%	34.4%	113.5%	10	2	61.1%	3.500
resolute*	35.5%	37.7%	111.2%	10	3	60.2%	3.693
cito*	41.7%	38.7%	84.1%	8	2	62.2%	2.969
P7364	33.5%	34.8%	107.7%	35	4	64.0%	3.517
P7381	35.6%	37.3%	109.0%	28	3	58.9%	3.513
1067D035-01	40.6%	38.0%	95.6%	2	1	53.3%	2.841
P7948	32.7%	34.3%	114.2%	13	3	58.5%	3.356
DS1959C	29.9%	33.7%	106.1%	4	2	62.8%	3.288
ambition*	37.4%	36.8%	104.7%	11	1	60.8%	3.434
kws calvini*	37.6%	36.9%	100.2%	15	2	59.8%	3.244



Favourable Sites Dry Matter Rankings

HYBRIDS RANKED BY DRY MATTER CONTENT; FAVOURABLE PACTS SITES 2021 - 2024

RANK	HYBRID NAME	DRY MATTER CONTENT (%)	NUMBER OF YEARS	NUMBER OF SITES
1	kws pasco*	42.0	1	8
2	cito*	40.5	1	1
3	P7179	39.4	4	30
4	ambition*	38.8	2	10
5	kws calvini*	38.3	3	17
6	P7326	38.1	4	31
7	saxon*	37.3	2	16
8	P7034 (C)	37.0	4	33
9	resolute*	36.2	3	22
10	P7381	36.0	3	26
11	prospect*	35.9	3	24
12	P7364	34.9	4	33
13	P7647	34.8	3	27
14	P7655	34.7	2	14
15	P7948	33.5	4	32
16	P8200	31.5	3	12
17	DS1959C	30.7	2	10
18	DS1897B	29.6	2	18
19	P8201	29.2	4	5

C = Control Hybrid

* = Competitor Hybrid

** = Trade name following official registration

Less Favourable Sites Dry Matter Rankings

HYBRIDS RANKED BY DRY MATTER CONTENT; LESS FAVOURABLE PACTS SITES 2021 - 2024

RANK	HYBRID NAME	DRY MATTER CONTENT (%)	NUMBER OF YEARS	NUMBER OF SITES
1	cito*	41.2	2	10
2	1067D035-01	39.9	1	3
3	P7179	37.8	4	29
4	kws calvini*	37.0	3	22
5	ambition*	36.4	2	16
6	P7326	36.4	4	34
7	prospect*	36.4	3	22
8	saxon*	36.3	2	13
9	P7034 (C)	35.7	4	39
10	P7381	35.3	3	28
11	P7647	33.9	3	28
12	P7364	32.2	4	31

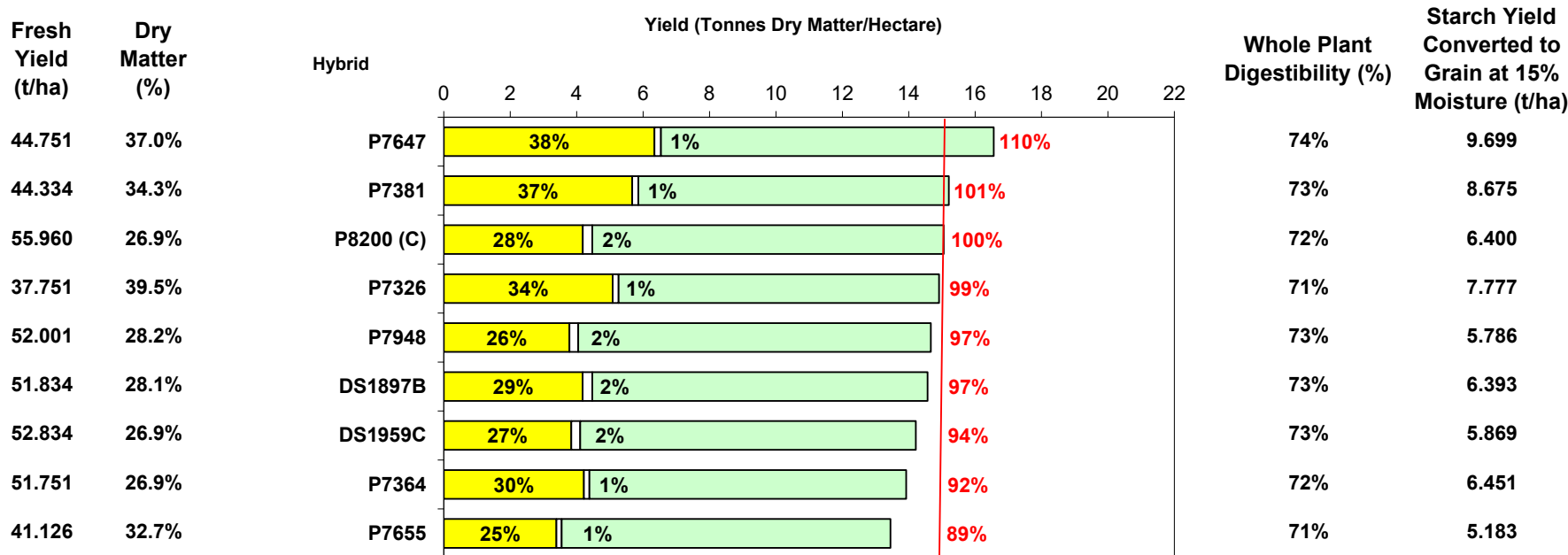
C = Control Hybrid

* = Competitor Hybrid

** = Trade name following official registration

Samco System Sites Dry Matter Rankings

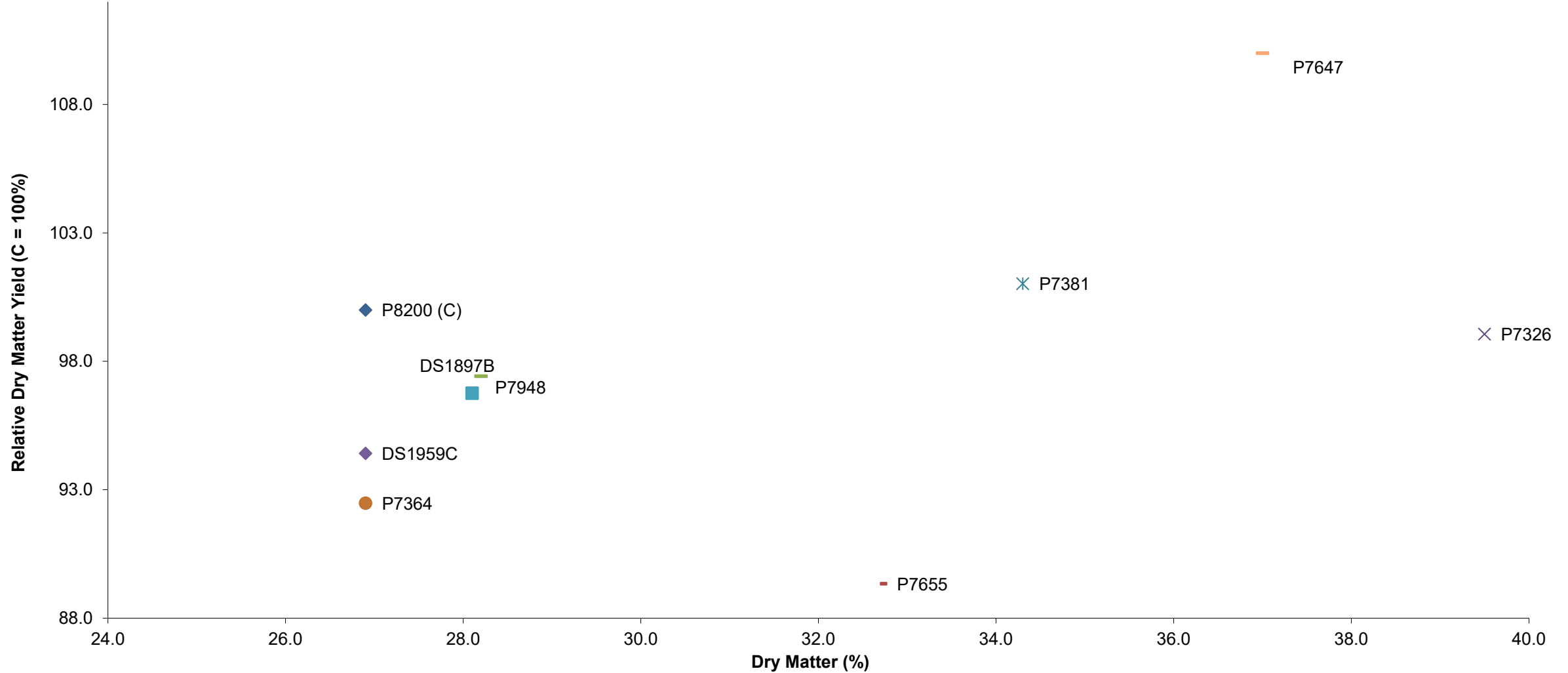
Ronald Fowler, Devon Forage Strip Trial Samco System, 2024



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

C = Control; O = Grown in the Open; * = Competitor Hybrid; ** = Trade name following official registration

Ronald Fowler, Devon
Forage Strip Trial Grown Under the Samco System, 2024, Dry Matter % vs Dry Matter Yield

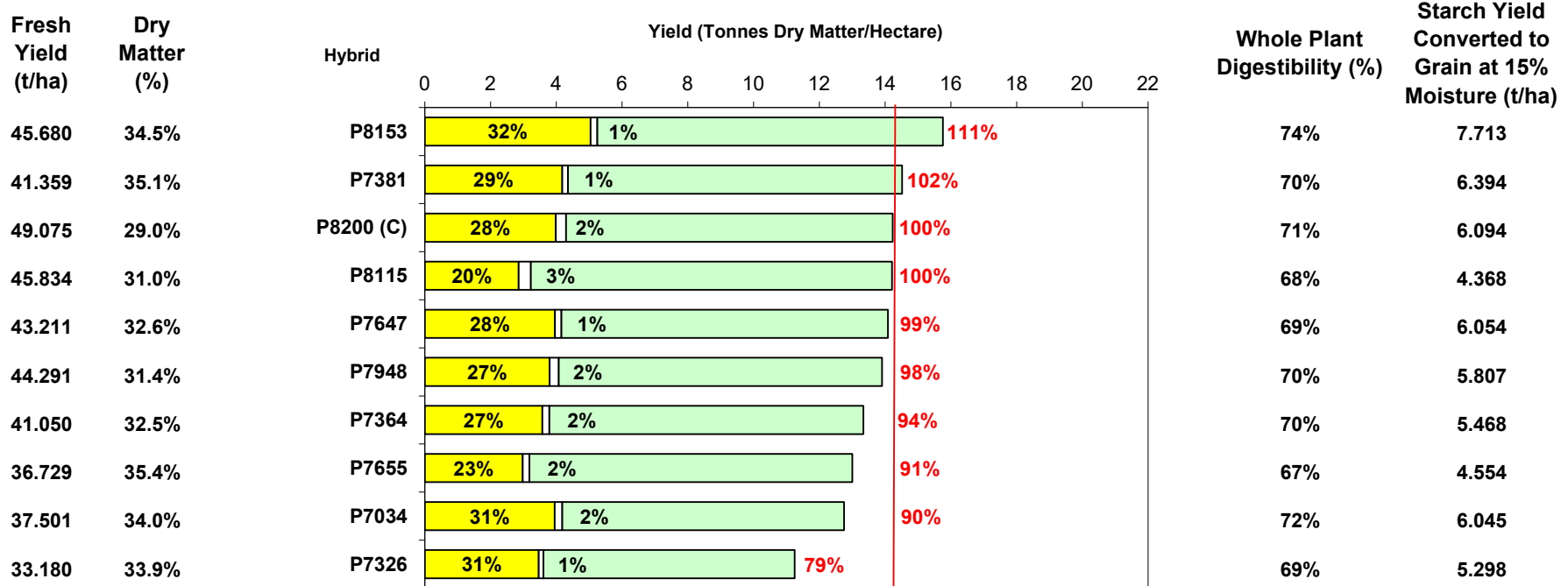


Trial Host			Ranald Fowler				County:		Devon	
Year			2024				Planting Date			
PACTS Trial/Strip Trial			Strip Trial				Harvest Date		13th October 2024	
Grown In The Open/Samco System			Samco System							
Hybrid	Fresh Weight Yield	Dry Matter Content	Dry Matter Yield	Relative Dry Matter Yield Index (C = 100%)	Starch Content	Starch Dry Matter Yield	Starch Yield Converted to Grain Yield at 15% Moisture	Sugar Content	Sugar Dry Matter Yield	Whole Plant Digestibility
Name	Tonnes /Hectare	%	Tonnes /Hectare	%	%	Tonnes /Hectare	Tonnes /Hectare	% of Dry Matter	Tonnes /Hectare	% of Dry Matter
P7647	44.751	37%	16.558	110%	38.3%	6.342	9.699	1.2%	0.199	74%
P7381	44.334	34%	15.206	101%	37.3%	5.672	8.675	1.2%	0.182	73%
P8200 (C)	55.960	27%	15.053	100%	27.8%	4.185	6.400	1.9%	0.286	72%
P7326	37.751	40%	14.911	99%	34.1%	5.085	7.777	1.2%	0.179	71%
P7948	52.001	28%	14.664	97%	25.8%	3.783	5.786	1.8%	0.264	73%
DS1897B	51.834	28%	14.565	97%	28.7%	4.180	6.393	2.0%	0.291	73%
DS1959C	52.834	27%	14.212	94%	27.0%	3.837	5.869	1.9%	0.270	73%
P7364	51.751	27%	13.921	92%	30.3%	4.218	6.451	1.2%	0.167	72%
P7655	41.126	33%	13.448	89%	25.2%	3.389	5.183	1.2%	0.161	71%
Hybrid	Neutral Detergent Fibre (NDF)	NDFD 30 Hours (%)	uNDF 240 Hours (%)	Metabolisable Energy (ME)	Metabolisable Energy (ME)	Fermentable Organic Dry Matter	Methane Yield	Methane Yield	Pioneer Rumen Degradable Starch (Grain Test)	Pioneer Rumen Degradable Starch (Grain Test)
Name	% of Dry Matter	%	%	Mega Joules/Kg Dry Matter	MJ ME (000's) / Ha	g/kg Dry Matter	Litres/Kg Dry Matter	Litres / Hectare	%	Tonnes Dry Matter / Hectare
P7647	38%			12.3	204	783	329	5445211		
P7381	39%			12.2	185	776	326	4953545		
P8200 (C)	46%			11.9	179	759	319	4795393		
P7326	41%			11.8	175	760	319	4761124		
P7948	44%			12.1	177	766	322	4717998		
DS1897B	46%			12.1	176	769	323	4702789		
DS1959C	44%			12.2	173	770	323	4593875		
P7364	45%			11.9	165	760	319	4440603		
P7655	49%			11.7	158	752	316	4246292		

C = Control Hybrid; * = Competitor hybrid; ** = Trade name following official registration

O = Grown In The Open

**Gordon Shine, Limerick, Republic of Ireland
Forage Strip Trial Grown Under The Samco System, 2024**



■ Starch Yield & %

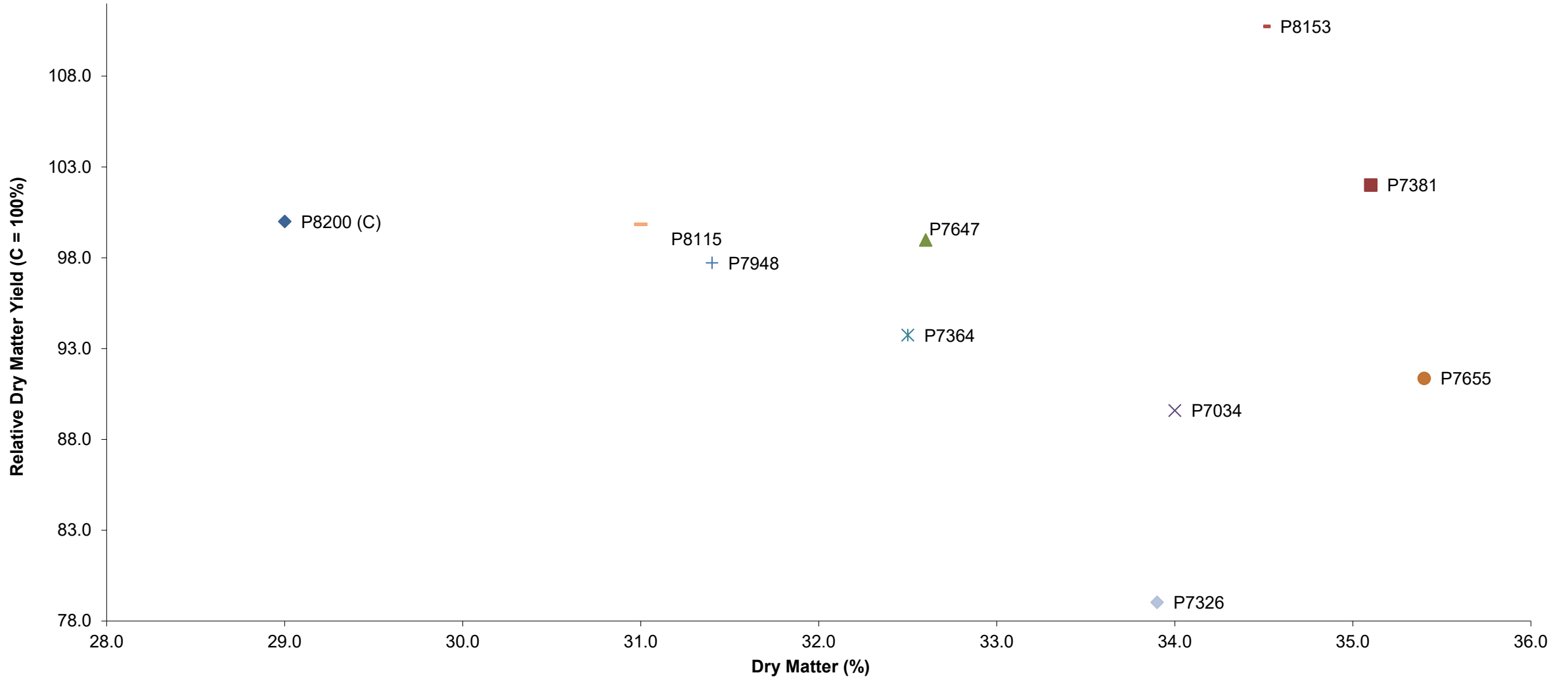
□ Sugar Yield & %

■ Stover Yield

■ Relative Dry Matter Yield Index (C = 100%)

C = Control; O = Grown in the Open; * = Competitor Hybrid; ** = Trade name following official registration

Gordon Shine, Limerick, Republic of Ireland
Forage Strip Trial Grown Under The Samco System, 2024, Dry Matter % vs Dry Matter Yield



Trial Host			Gordon Shine				County:		Limerick, ROI	
Year			2024				Planting Date		1st June 2024	
PACTS Trial/Strip Trial			Strip Trial				Harvest Date		1st November 2024	
Grown In The Open/Samco System			Samco System							
Hybrid	Fresh Weight Yield	Dry Matter Content	Dry Matter Yield	Relative Dry Matter Yield Index (C = 100%)	Starch Content	Starch Dry Matter Yield	Starch Yield Converted to Grain Yield at 15% Moisture	Sugar Content	Sugar Dry Matter Yield	Whole Plant Digestibility
Name	Tonnes /Hectare	%	Tonnes /Hectare	%	%	Tonnes /Hectare	Tonnes /Hectare	% of Dry Matter	Tonnes /Hectare	% of Dry Matter
P8153	45.680	35%	15.759	111%	32.0%	5.043	7.713	1.3%	0.205	74%
P7381	41.359	35%	14.517	102%	28.8%	4.181	6.394	1.2%	0.174	70%
P8200 (C)	49.075	29%	14.231	100%	28.0%	3.985	6.094	2.2%	0.313	71%
P8115	45.834	31%	14.208	100%	20.1%	2.856	4.368	2.6%	0.369	68%
P7647	43.211	33%	14.086	99%	28.1%	3.958	6.054	1.4%	0.197	69%
P7948	44.291	31%	13.907	98%	27.3%	3.797	5.807	2.0%	0.278	70%
P7364	41.050	33%	13.341	94%	26.8%	3.575	5.468	1.6%	0.213	70%
P7655	36.729	35%	13.002	91%	22.9%	2.977	4.554	1.6%	0.208	67%
P7034	37.501	34%	12.750	90%	31.0%	3.953	6.045	1.8%	0.230	72%
P7326	33.180	34%	11.248	79%	30.8%	3.464	5.298	1.3%	0.146	69%
Hybrid	Neutral Detergent Fibre (NDF)	NDFD 30 Hours (%)	uNDF 240 Hours (%)	Metabolisable Energy (ME)	Metabolisable Energy (ME)	Fermentable Organic Dry Matter	Methane Yield	Methane Yield	Pioneer Rumen Degradable Starch (Grain Test)	Pioneer Rumen Degradable Starch (Grain Test)
Name	% of Dry Matter	%	%	Mega Joules/Kg Dry Matter	MJ ME (000's) / Ha	g/kg Dry Matter	Litres/Kg Dry Matter	Litres / Hectare	%	Tonnes Dry Matter / Hectare
P8153	48%			12.2	192	788	331	5215896		
P7381	49%			11.6	169	764	321	4657035		
P8200 (C)	51%			11.8	167	765	321	4569706		
P8115	58%			11.3	161	741	311	4423684		
P7647	52%			11.4	160	751	315	4442287		
P7948	51%			11.6	161	756	317	4413960		
P7364	52%			11.6	155	758	319	4249498		
P7655	57%			11.1	144	736	309	4017036		
P7034	45%			11.9	152	764	321	4092377		
P7326	46%			11.4	128	747	314	3528168		

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O = Grown In The Open

Selected Paired Comparisons Favourable Forage Sites Grown in the Open



	Site Type	No. Years Tested	No. Sites	Dry Matter (%)	Yield (Tonnes Dry Matter/ha)	Yield Index (%)	Wholeplant Organic Matter Digestibility (%)	Starch (%)	Sugar (%)	Megajoules Metabolisable Energy /Kg Dry Matter	Calculated Methane Production (litres/kg Dry Matter)	Calculated Methane Production (l/ha)	Pioneer Rumen Degradable Starch (%)	Pioneer Rumen Degradable Starch Yield (Tonnes Dry Matter/ha)	Neutral Detergent Fibre (%)
P7326 kws pasco*	Favourable Sites	1	7	39.4% 41.2%	14.265 15.116	94.4% 100.0%	74.7% 75.5%	37.6% 38.1%	2.1% 1.4%	12.4 12.5	329 333	4,746,088 5,047,441	72.9% 65.2%	3.907 3.756	39.7% 40.2%
P7034 (C) kws pasco*	Favourable Sites	1	8	35.7% 40.6%	14.222 14.857	95.7% 100.0%	75.5% 75.5%	37.0% 38.1%	2.0% 1.4%	12.5 12.5	331 333	4,708,363 4,940,977	73.5% 65.2%	3.872 3.691	40.5% 40.2%
P7179 kws pasco*	Favourable Sites	1	8	39.5% 40.6%	14.847 14.857	99.9% 100.0%	76.2% 75.5%	39.5% 38.1%	1.7% 1.4%	12.6 12.5	336 333	4,980,734 4,940,977	58.2% 65.2%	3.419 3.691	38.8% 40.2%
P7647 kws pasco*	Favourable Sites	1	8	34.7% 40.6%	16.292 14.857	109.7% 100.0%	76.6% 75.5%	37.8% 38.1%	2.0% 1.4%	12.7 12.5	337 333	5,485,702 4,940,977	57.2% 65.2%	3.524 3.691	39.2% 40.2%
P7655 kws pasco*	Favourable Sites	1	8	33.5% 40.6%	16.003 14.857	107.7% 100.0%	75.0% 75.5%	34.2% 38.1%	1.9% 1.4%	12.4 12.5	331 333	5,302,694 4,940,977	59.1% 63.2%	3.237 3.580	42.5% 40.2%
P8200 kws pasco*	Favourable Sites	1	7	30.0% 41.0%	14.975 14.510	103.2% 100.0%	74.5% 75.4%	33.8% 37.7%	1.9% 1.4%	12.3 12.5	328 332	4,910,710 4,814,778	0.0% 0.0%	0.000 0.000	42.6% 40.6%
P7364 kws pasco*	Favourable Sites	1	10	32.0% 38.4%	14.281 13.766	103.7% 100.0%	75.0% 74.9%	33.8% 36.7%	2.4% 1.4%	12.4 12.4	331 331	4,734,993 4,566,151	61.6% 65.2%	2.972 3.292	42.8% 41.3%
P7381 kws pasco*	Favourable Sites	1	8	35.6% 40.6%	15.651 14.857	105.3% 100.0%	75.8% 75.5%	39.5% 38.1%	1.8% 1.4%	12.5 12.5	334 333	5,225,706 4,940,977	56.2% 65.2%	3.473 3.691	38.1% 40.2%

(C) = Control hybrid

* = Competitor hybrid

** = Trade name following official registration

	Site Type	No. Years Tested	No. Sites	Dry Matter (%)	Yield (Tonnes Dry Matter/ha)	Yield Index (%)	Wholeplant Organic Matter Digestibility (%)	Starch (%)	Sugar (%)	Megajoules Metabolisable Energy /Kg Dry Matter	Calculated Methane Production (litres/kg Dry Matter)	Calculated Methane Production (l/ha)	Pioneer Rumen Degradable Starch (%)	Pioneer Rumen Degradable Starch Yield (Tonnes Dry Matter/ha)	Neutral Detergent Fibre (%)
P7948 P7034 (C)	Favourable Sites	4	32	33.9% 37.4%	17.149 15.000	114.3% 100.0%	75.0% 75.7%	35.5% 37.5%	2.1% 1.8%	12.4 12.5	329 331	5,641,068 4,967,304	57.6% 70.5%	3.508 3.967	40.1% 39.4%
P7364 P7034 (C)	Favourable Sites	4	33	34.9% 37.0%	16.303 14.971	108.9% 100.0%	75.3% 75.6%	35.2% 37.3%	2.2% 1.8%	12.5 12.5	331 331	5,400,301 4,955,815	64.5% 72.6%	3.694 4.056	40.8% 39.5%
P7364 P7034 (C)	Favourable Sites	4	33	34.9% 37.0%	16.303 14.971	108.9% 100.0%	75.3% 75.6%	35.2% 37.3%	2.2% 1.8%	12.5 12.5	331 331	5,400,301 4,955,815	64.5% 72.6%	3.694 4.056	40.8% 39.5%
P7655 P7034 (C)	Favourable Sites	2	14	33.7% 35.9%	17.225 15.025	114.6% 100.0%	75.3% 75.0%	35.2% 36.3%	1.8% 1.9%	12.5 12.4	333 328	5,729,870 4,925,553	57.7% 67.6%	3.498 3.687	41.6% 41.1%
P7364 P7034 (C)	Favourable Sites	4	33	34.9% 37.0%	16.303 15.963	102.1% 100.0%	75.3% 75.8%	35.2% 38.6%	2.2% 1.7%	12.5 12.6	331 334	5,400,301 5,326,227	64.5% 60.6%	3.694 3.734	40.8% 38.8%
P7381 P7034 (C)	Favourable Sites	3	26	35.7% 36.7%	16.464 14.991	109.8% 100.0%	75.7% 75.9%	37.9% 37.5%	1.8% 1.8%	12.5 12.6	332 332	5,464,535 4,969,046	54.8% 68.3%	3.420 3.836	38.7% 39.4%
P8201 P7034 (C)	Favourable Sites	4	5	31.0% 39.3%	18.299 15.729	116.3% 100.0%	75.1% 75.7%	35.0% 38.2%	2.8% 2.0%	12.4 12.5	330 332	6,031,694 5,216,558	70.0% 77.8%	4.481 4.671	40.0% 38.1%

(C) = Control hybrid

* = Competitor hybrid

	Site Type	No. Years Tested	No. Sites	Dry Matter (%)	Yield (Tonnes Dry Matter/ha)	Yield Index (%)	Wholeplant Organic Matter Digestibility (%)	Starch (%)	Sugar (%)	Megajoules Metabolisable Energy /Kg Dry Matter	Calculated Methane Production (litres/kg Dry Matter)	Calculated Methane Production (l/ha)	Pioneer Rumen Degradable Starch (%)	Pioneer Rumen Degradable Starch Yield (Tonnes Dry Matter/ha)	Neutral Detergent Fibre (%)
P7326	Favourable	4	31	38.5%	15.288	102.6%	75.0%	37.3%	1.9%	12.4	331	5,061,419	71.5%	4.072	39.1%
P7034 (C)	Sites			37.3%	14.899	100.0%	75.6%	37.3%	1.8%	12.5	332	4,937,874	75.4%	4.191	39.5%
P7179	Favourable	4	30	39.4%	15.963	106.6%	75.8%	38.6%	1.7%	12.6	334	5,326,227	59.7%	3.679	38.8%
P7034 (C)	Sites			37.0%	14.975	100.0%	75.7%	37.2%	1.9%	12.5	331	4,959,474	70.4%	3.921	39.6%
P7647	Favourable	3	27	34.8%	16.566	111.7%	76.2%	36.7%	1.9%	12.6	334	5,537,386	54.5%	3.315	39.7%
P7034 (C)	Sites			37.0%	14.827	100.0%	75.8%	37.2%	1.9%	12.6	332	4,912,707	68.1%	3.755	39.6%
P7655	Favourable	2	14	33.7%	17.225	114.6%	75.3%	35.2%	1.8%	12.5	333	5,729,870	57.7%	3.498	41.6%
P7034 (C)	Sites			35.9%	15.025	100.0%	75.0%	36.3%	1.9%	12.4	328	4,925,553	67.6%	3.687	41.1%
P7364	Favourable	4	33	34.9%	16.303	108.9%	75.3%	35.2%	2.2%	12.5	331	5,400,301	64.5%	3.694	40.8%
P7034 (C)	Sites			37.0%	14.971	100.0%	75.6%	37.3%	1.8%	12.5	331	4,955,815	72.6%	4.056	39.5%
P7381	Favourable	3	26	35.7%	16.464	109.8%	75.7%	37.9%	1.8%	12.5	332	5,464,535	54.8%	3.420	38.7%
P7034 (C)	Sites			36.7%	14.991	100.0%	75.9%	37.5%	1.8%	12.6	332	4,969,046	68.3%	3.836	39.4%
P8201	Favourable	4	5	31.0%	18.299	116.3%	75.1%	35.0%	2.8%	12.4	330	6,031,694	70.0%	4.481	40.0%
P7034 (C)	Sites			39.3%	15.729	100.0%	75.7%	38.2%	2.0%	12.5	332	5,216,558	77.8%	4.671	38.1%

(C) = Control hybrid

* = Competitor hybrid

** = Trade name following official registration

	Site Type	No. Years Tested	No. Sites	Dry Matter (%)	Yield (Tonnes Dry Matter/ha)	Yield Index (%)	Wholeplant Organic Matter Digestibility (%)	Starch (%)	Sugar (%)	Megajoules Metabolisable Energy /Kg Dry Matter	Calculated Methane Production (litres/kg Dry Matter)	Calculated Methane Production (l/ha)	Pioneer Rumen Degradable Starch (%)	Pioneer Rumen Degradable Starch Yield (Tonnes Dry Matter/ha)	Neutral Detergent Fibre (%)
P7034 (C) P7179	Favourable Sites	4	30	37.0% 39.4%	14.975 15.963	93.8% 100.0%	75.7% 75.8%	37.2% 38.6%	1.9% 1.7%	12.5 12.6	331 334	4,959,474 5,326,227	70.4% 59.7%	3.921 3.679	39.6% 38.8%
P7647 P7179	Favourable Sites	3	26	34.6% 39.7%	16.733 15.941	105.0% 100.0%	76.2% 75.9%	36.6% 38.7%	1.9% 1.7%	12.6 12.6	334 334	5,590,309 5,318,887	55.1% 57.2%	3.376 3.525	39.8% 39.1%
P7655 P7179	Favourable Sites	2	14	33.7% 38.6%	17.225 15.736	109.5% 100.0%	75.3% 75.6%	35.2% 38.4%	1.8% 1.5%	12.5 12.5	333 333	5,729,870 5,227,306	58.2% 58.5%	3.524 3.535	41.6% 39.5%
P8200 P7179	Favourable Sites	3	11	30.9% 39.2%	16.554 15.585	106.2% 100.0%	75.1% 76.3%	33.9% 39.9%	1.7% 1.6%	12.4 12.6	330 336	5,459,873 5,236,046	0.0% 0.0%		41.4% 38.0%
P7364 P7179	Favourable Sites	4	30	34.5% 39.4%	16.119 15.963	101.0% 100.0%	75.3% 75.8%	35.0% 38.6%	2.3% 1.7%	12.5 12.6	332 334	5,343,223 5,326,227	63.9% 60.6%	3.608 3.734	40.9% 38.8%
P7381 P7179	Favourable Sites	3	25	35.3% 39.1%	16.621 16.129	103.1% 100.0%	75.7% 76.0%	37.9% 39.0%	1.8% 1.7%	12.5 12.6	332 334	5,517,210 5,385,186	55.2% 56.5%	3.474 3.550	38.6% 38.7%
P8201 P7179	Favourable Sites	4	5	31.0% 40.3%	18.299 17.075	107.2% 100.0%	75.1% 75.5%	35.0% 37.5%	2.8% 1.7%	12.4 12.5	330 333	6,031,694 5,679,209	70.0% 67.4%	4.481 4.311	40.0% 39.5%

(C) = Control hybrid

* = Competitor hybrid

	Site Type	No. Years Tested	No. Sites	Dry Matter (%)	Yield (Tonnes Dry Matter/ha)	Yield Index (%)	Wholeplant Organic Matter Digestibility (%)	Starch (%)	Sugar (%)	Megajoules Metabolisable Energy /Kg Dry Matter	Calculated Methane Production (litres/kg Dry Matter)	Calculated Methane Production (l/ha)	Pioneer Rumen Degradable Starch (%)	Pioneer Rumen Degradable Starch Yield (Tonnes Dry Matter/ha)	Neutral Detergent Fibre (%)
P7034 (C)	Favourable Sites	4	31	37.3%	14.899	97.5%	75.6%	37.3%	1.8%	12.5	332	4,937,874	75.4%	4.191	39.5%
P7326	Favourable Sites			38.5%	15.288	100.0%	75.0%	37.3%	1.9%	12.4	331	5,061,419	71.5%	4.072	39.1%
P7179	Favourable Sites	4	28	39.8%	15.900	104.7%	75.8%	38.6%	1.7%	12.6	334	5,315,131	62.6%	3.844	38.8%
P7326	Favourable Sites			38.6%	15.180	100.0%	75.0%	37.1%	1.9%	12.4	330	5,024,274	72.6%	4.094	39.4%
P7647	Favourable Sites	3	25	35.3%	16.533	111.1%	76.2%	36.7%	1.9%	12.6	334	5,525,464	56.4%	3.424	39.7%
P7326	Favourable Sites			39.0%	14.885	100.0%	74.9%	37.2%	1.8%	12.4	330	4,919,321	70.7%	3.919	39.6%
P7655	Favourable Sites	2	12	34.0%	17.047	111.2%	75.3%	35.2%	1.8%	12.5	333	5,701,369	59.1%	3.543	41.6%
P7326	Favourable Sites			39.5%	15.329	100.0%	74.4%	36.5%	1.9%	12.3	328	5,045,330	72.2%	4.042	40.7%
cito*	Favourable Sites	1	1	39.8%	15.756	74.7%	76.1%	35.8%	1.3%	12.6	319	5,027,155	0.0%		42.0%
P7326	Favourable Sites			40.4%	21.087	100.0%	77.0%	41.9%	1.1%	12.7	324	6,828,006	0.0%		35.4%
P7364	Favourable Sites	4	31	35.2%	16.261	106.4%	75.3%	35.2%	2.2%	12.5	332	5,391,410	65.6%	3.749	40.8%
P7326	Favourable Sites			38.5%	15.288	100.0%	75.0%	37.3%	1.9%	12.4	331	5,061,419	71.5%	4.072	39.1%
P7381	Favourable Sites	3	24	36.2%	16.336	108.3%	75.7%	37.9%	1.8%	12.5	333	5,429,515	55.9%	3.460	38.7%
P7326	Favourable Sites			38.5%	15.078	100.0%	75.0%	37.6%	1.8%	12.4	330	4,987,681	70.7%	4.010	39.2%

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* = Competitor hybrid

** = Trade name following official registration

	Site Type	No. Years Tested	No. Sites	Dry Matter (%)	Yield (Tonnes Dry Matter/ha)	Yield Index (%)	Wholeplant Organic Matter Digestibility (%)	Starch (%)	Sugar (%)	Megajoules Metabolisable Energy /Kg Dry Matter	Calculated Methane Production (litres/kg Dry Matter)	Calculated Methane Production (l/ha)	Pioneer Rumen Degradable Starch (%)	Pioneer Rumen Degradable Starch Yield (Tonnes Dry Matter/ha)	Neutral Detergent Fibre (%)
P7326	Favourable Sites	3	24	38.5%	15.078	92.3%	75.0%	37.6%	1.8%	12.4	330	4,987,681	70.7%	4.010	39.2%
P7381				36.2%	16.336	100.0%	75.7%	37.9%	1.8%	12.5	333	5,429,515	55.9%	3.460	38.7%
P7034 (C)	Favourable Sites	3	26	36.7%	14.991	91.1%	75.9%	37.5%	1.8%	12.6	332	4,969,046	68.3%	3.836	39.4%
P7381				35.7%	16.464	100.0%	75.7%	37.9%	1.8%	12.5	332	5,464,535	54.8%	3.420	38.7%
P7179	Favourable Sites	3	25	39.1%	16.129	97.0%	76.0%	39.0%	1.7%	12.6	334	5,385,186	56.5%	3.550	38.7%
P7381				35.3%	16.621	100.0%	75.7%	37.9%	1.8%	12.5	332	5,517,210	55.2%	3.474	38.6%
DS1897B	Favourable Sites	2	18	29.7%	17.600	104.3%	74.2%	33.3%	1.9%	12.3	328	5,767,137	52.4%	3.075	42.6%
P7381				35.6%	16.872	100.0%	75.0%	37.4%	1.9%	12.4	330	5,561,624	52.2%	3.295	39.4%
P7647	Favourable Sites	3	26	34.5%	16.834	102.3%	76.3%	37.3%	1.9%	12.6	335	5,631,399	53.9%	3.385	39.2%
P7381				35.7%	16.464	100.0%	75.7%	37.9%	1.8%	12.5	332	5,464,535	54.8%	3.420	38.7%
P7655	Favourable Sites	2	14	33.7%	17.225	104.2%	75.3%	35.2%	1.8%	12.5	333	5,729,870	57.7%	3.498	41.6%
P7381				34.9%	16.530	100.0%	74.9%	37.1%	1.7%	12.4	329	5,431,418	52.8%	3.243	40.2%
P8200	Favourable Sites	3	12	30.9%	16.130	101.2%	75.3%	34.4%	1.6%	12.5	331	5,330,101			41.0%
P7381				36.0%	15.932	100.0%	76.2%	38.9%	1.7%	12.6	334	5,327,839			37.6%
P7364	Favourable Sites	3	26	34.3%	16.145	98.1%	75.5%	35.6%	2.1%	12.5	332	5,358,808	60.0%	3.443	40.7%
P7381				35.7%	16.464	100.0%	75.7%	37.9%	1.8%	12.5	332	5,464,535	56.9%	3.549	38.7%
P8201	Favourable Sites	3	4	31.8%	17.869	100.2%	75.3%	35.8%	2.6%	12.5	330	5,903,727			40.1%
P7381				36.4%	17.841	100.0%	76.9%	40.1%	2.4%	12.7	337	6,016,329			35.7%

(C) = Control hybrid

* = Competitor hybrid

	Site Type	No. Years Tested	No. Sites	Dry Matter (%)	Yield (Tonnes Dry Matter/ha)	Yield Index (%)	Wholeplant Organic Matter Digestibility (%)	Starch (%)	Sugar (%)	Megajoules Metabolisable Energy /Kg Dry Matter	Calculated Methane Production (litres/kg Dry Matter)	Calculated Methane Production (l/ha)	Pioneer Rumen Degradable Starch (%)	Pioneer Rumen Degradable Starch Yield (Tonnes Dry Matter/ha)	Neutral Detergent Fibre (%)
DS1897B	Favourable	2	18	30.2%	17.610	100.9%	74.2%	33.3%	1.9%	12.3	328	5,789,148	48.5%	2.850	42.6%
P7948	Sites			32.5%	17.456	100.0%	74.1%	34.5%	2.2%	12.3	326	5,687,291	52.1%	3.134	41.6%
P7647	Favourable	3	26	35.3%	16.583	97.9%	76.3%	37.1%	1.8%	12.6	335	5,548,634	54.2%	3.339	39.5%
P7948	Sites			34.3%	16.939	100.0%	75.2%	35.9%	2.0%	12.4	330	5,580,178	52.3%	3.185	40.2%
P7655	Favourable	2	14	33.7%	17.225	102.7%	75.3%	35.2%	1.8%	12.5	333	5,729,870	57.7%	3.496	41.6%
P7948	Sites			31.3%	16.768	100.0%	74.7%	34.8%	1.9%	12.4	327	5,487,944	52.7%	3.079	41.3%
P8200	Favourable	3	12	30.9%	16.130	98.1%	75.3%	34.4%	1.6%	12.5	331	5,330,101	0.0%		41.0%
P7948	Sites			32.0%	16.441	100.0%	75.4%	35.8%	1.9%	12.5	331	5,443,550	0.0%		39.9%
P7364	Favourable	4	32	35.3%	16.426	95.8%	75.3%	35.6%	2.0%	12.5	331	5,442,134	63.8%	3.727	40.7%
P7948	Sites			33.9%	17.149	100.0%	75.0%	35.5%	2.1%	12.4	329	5,641,068	60.4%	3.677	40.1%
P7381	Favourable	3	25	36.3%	16.503	96.3%	75.9%	38.3%	1.7%	12.6	333	5,485,535	53.3%	3.367	38.3%
P7948	Sites			33.8%	17.135	100.0%	75.3%	36.3%	2.0%	12.5	330	5,651,190	52.3%	3.256	39.8%
P8201	Favourable	4	5	31.0%	18.299	91.8%	75.1%	35.0%	2.8%	12.4	330	6,031,694	70.0%	4.481	40.0%
P7948	Sites			36.1%	19.927	100.0%	75.2%	37.5%	2.1%	12.4	331	6,588,475	65.0%	4.859	38.1%

(C) = Control hybrid

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prospect*

Paired Comparisons

Favourable Sites

Multiple Year Summary 2021 - 2024

	Site Type	No. Years Tested	No. Sites	Dry Matter (%)	Yield (Tonnes Dry Matter/ha)	Yield Index (%)	Wholeplant Organic Matter Digestibility (%)	Starch (%)	Sugar (%)	Megajoules Metabolisable Energy /Kg Dry Matter	Calculated Methane Production (litres/kg Dry Matter)	Calculated Methane Production (l/ha)	Pioneer Rumen Degradable Starch (%)	Pioneer Rumen Degradable Starch Yield (Tonnes Dry Matter/ha)	Neutral Detergent Fibre (%)
P7326 prospect*	Favourable Sites	3	22	39.9% 37.1%	15.011 14.260	105.3% 100.0%	74.8% 76.5%	37.2% 37.7%	1.8% 1.7%	12.4 12.7	329 335	4,953,265 4,776,703			39.9% 38.7%
P7034 (C) prospect*	Favourable Sites	3	24	37.6% 36.5%	14.997 14.366	104.4% 100.0%	75.9% 76.5%	37.5% 37.7%	1.8% 1.7%	12.6 12.7	332 335	4,965,478 4,805,787	66.7% 58.2%	3.748 3.153	39.4% 38.7%
P7179 prospect*	Favourable Sites	3	23	40.5% 36.7%	16.094 14.620	110.1% 100.0%	75.8% 76.4%	38.9% 37.5%	1.6% 1.8%	12.6 12.6	333 335	5,360,545 4,887,604	57.9% 60.7%	3.625 3.325	39.1% 38.8%
P7647 prospect*	Favourable Sites	3	24	35.5% 36.5%	16.854 14.366	117.3% 100.0%	76.2% 76.5%	37.0% 37.7%	1.8% 1.7%	12.6 12.7	334 335	5,635,265 4,805,787	53.8% 58.2%	3.353 3.153	39.7% 38.7%
P7364 prospect*	Favourable Sites	3	24	35.5% 36.5%	16.174 14.366	112.6% 100.0%	75.3% 76.5%	35.4% 37.7%	2.0% 1.7%	12.5 12.7	331 335	5,354,644 4,805,787	62.1% 63.5%	3.561 3.435	41.2% 38.7%
P7381 prospect*	Favourable Sites	3	23	36.3% 36.3%	16.917 14.517	116.5% 100.0%	75.7% 76.5%	38.3% 37.9%	1.8% 1.7%	12.5 12.7	332 335	5,615,136 4,857,665	56.1% 55.2%	3.634 3.038	38.5% 38.4%

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	Site Type	No. Years Tested	No. Sites	Dry Matter (%)	Yield (Tonnes Dry Matter/ha)	Yield Index (%)	Wholeplant Organic Matter Digestibility (%)	Starch (%)	Sugar (%)	Megajoules Metabolisable Energy /Kg Dry Matter	Calculated Methane Production (litres/kg Dry Matter)	Calculated Methane Production (l/ha)	Pioneer Rumen Degradable Starch (%)	Pioneer Rumen Degradable Starch Yield (Tonnes Dry Matter/ha)	Neutral Detergent Fibre (%)
P7326 resolute*	Favourable Sites	3	21	39.1% 36.5%	15.253 16.845	90.5% 100.0%	74.8% 76.6%	37.4% 38.7%	1.8% 1.7%	12.4 12.7	330 337	5,036,053 5,693,836	72.2% 57.1%	4.121 3.721	39.6% 37.9%
P7034 (C) resolute*	Favourable Sites	3	22	37.1% 36.4%	15.228 16.911	90.1% 100.0%	75.8% 76.6%	37.6% 38.7%	1.8% 1.7%	12.5 12.7	331 336	5,041,391 5,695,151	68.6% 57.7%	3.924 3.770	39.5% 37.9%
P7179 resolute*	Favourable Sites	3	22	39.9% 36.4%	16.257 16.911	96.1% 100.0%	76.0% 76.6%	39.2% 38.7%	1.6% 1.7%	12.6 12.7	334 336	5,428,343 5,695,151	58.1% 58.5%	3.709 3.822	38.7% 37.9%
P7647 resolute*	Favourable Sites	3	22	35.0% 36.4%	17.264 16.911	102.1% 100.0%	76.3% 76.6%	37.4% 38.7%	1.8% 1.7%	12.6 12.7	335 336	5,772,980 5,695,151	54.0% 57.7%	3.487 3.770	39.3% 37.9%
P7655 resolute*	Favourable Sites	2	13	33.8% 36.2%	17.283 16.806	102.8% 100.0%	75.3% 76.1%	35.2% 38.0%	1.8% 1.8%	12.5 12.6	333 335	5,766,206 5,644,776	58.7% 55.9%	3.571 3.572	41.6% 38.9%
P8200 resolute*	Favourable Sites	3	10	31.5% 36.3%	16.785 16.397	102.4% 100.0%	75.1% 76.7%	33.9% 38.3%	1.7% 1.7%	12.4 12.7	330 336	5,558,369 5,531,660			41.4% 38.0%
P7364 resolute*	Favourable Sites	3	22	34.8% 36.4%	16.608 16.911	98.2% 100.0%	75.3% 76.6%	35.7% 38.7%	1.9% 1.7%	12.5 12.7	331 336	5,504,861 5,695,151	59.5% 59.4%	3.528 3.883	41.0% 37.9%
P7381 resolute*	Favourable Sites	3	22	36.1% 36.4%	17.053 16.911	100.8% 100.0%	75.7% 76.6%	38.3% 38.7%	1.8% 1.7%	12.5 12.7	332 336	5,665,303 5,695,151	55.7% 57.7%	3.636 3.770	38.4% 37.9%
P8201 resolute*	Favourable Sites	3	4	31.8% 37.7%	17.869 17.184	104.0% 100.0%	75.3% 77.8%	35.8% 41.0%	2.6% 2.0%	12.5 12.9	330 340	5,903,727 5,836,076	0.0% 0.0%		40.1% 35.0%

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	Site Type	No. Years Tested	No. Sites	Dry Matter (%)	Yield (Tonnes Dry Matter/ha)	Yield Index (%)	Wholeplant Organic Matter Digestibility (%)	Starch (%)	Sugar (%)	Megajoules Metabolisable Energy /Kg Dry Matter	Calculated Methane Production (litres/kg Dry Matter)	Calculated Methane Production (l/ha)	Pioneer Rumen Degradable Starch (%)	Pioneer Rumen Degradable Starch Yield (Tonnes Dry Matter/ha)	Neutral Detergent Fibre (%)
P7326 saxon*	Favourable Sites	2	14	39.1% 37.0%	15.687 16.502	95.1% 100.0%	74.2% 75.7%	36.5% 36.7%	1.8% 1.7%	12.3 12.5	327 332	5,147,975 5,478,113	70.7% 62.4%	4.050 3.776	40.7% 40.9%
P7034 (C) saxon*	Favourable Sites	2	16	36.4% 36.8%	15.628 16.600	94.1% 100.0%	75.3% 75.7%	37.0% 36.7%	1.8% 1.7%	12.5 12.5	329 332	5,141,690 5,511,503	68.7% 59.7%	3.971 3.635	40.2% 40.9%
P7179 saxon*	Favourable Sites	2	16	39.2% 36.8%	16.353 16.600	98.5% 100.0%	75.6% 75.7%	38.6% 36.7%	1.5% 1.7%	12.5 12.5	332 332	5,429,131 5,511,503	56.1% 61.4%	3.535 3.734	39.2% 40.9%
P7647 saxon*	Favourable Sites	2	16	34.1% 36.8%	17.371 16.600	104.6% 100.0%	75.8% 75.7%	36.7% 36.7%	1.8% 1.7%	12.5 12.5	333 332	5,776,553 5,511,503	54.6% 59.7%	3.479 3.635	40.3% 40.9%
P7655 saxon*	Favourable Sites	2	13	33.8% 36.7%	17.373 16.253	106.9% 100.0%	75.2% 75.7%	35.4% 36.3%	1.9% 1.8%	12.4 12.5	332 332	5,775,266 5,395,722	57.8% 60.6%	3.551 3.579	41.6% 41.3%
P7364 saxon*	Favourable Sites	2	16	33.5% 36.8%	16.506 16.600	99.4% 100.0%	74.8% 75.7%	34.5% 36.7%	2.0% 1.7%	12.4 12.5	329 332	5,430,238 5,511,503	60.9% 62.4%	3.466 3.798	42.4% 40.9%
P7381 saxon*	Favourable Sites	2	16	35.3% 36.8%	16.979 16.600	102.3% 100.0%	74.9% 75.7%	37.3% 36.7%	1.7% 1.7%	12.4 12.5	329 332	5,582,345 5,511,503	53.6% 59.7%	3.397 3.635	39.8% 40.9%

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Selected Paired Comparisons Less Favourable Forage Sites Grown in the Open



	Site Type	No. Years Tested	No. Sites	Dry Matter (%)	Yield (Tonnes Dry Matter/ha)	Yield Index (%)	Wholeplant Organic Matter Digestibility (%)	Starch (%)	Sugar (%)	Megajoules Metabolisable Energy /Kg Dry Matter	Calculated Methane Production (litres/kg Dry Matter)	Calculated Methane Production (l/ha)	Pioneer Rumen Degradable Starch (%)	Pioneer Rumen Degradable Starch Yield (Tonnes Dry Matter/ha)	Neutral Detergent Fibre (%)
P7326	Less Favourable	1	8	31.0%	13.637	103.4%	74.5%	33.5%	2.1%	12.3	329	4,505,644	70.6%	3.230	41.9%
kws pasco*	Favourable			30.0%	13.192	100.0%	74.3%	33.4%	1.6%	12.3	330	4,360,147	67.1%	2.951	42.8%
P7034 (C)	Less Favourable	1	8	28.4%	12.938	98.1%	74.1%	31.8%	2.7%	12.3	327	4,241,147	74.9%	3.082	43.8%
kws pasco*	Favourable			30.0%	13.192	100.0%	74.3%	33.4%	1.6%	12.3	330	4,360,147	68.5%	3.013	42.8%
P7179	Less Favourable	1	7	31.2%	13.821	104.4%	74.4%	34.6%	1.7%	12.3	331	4,591,168	62.6%	2.995	42.8%
kws pasco*	Favourable			29.9%	13.232	100.0%	74.3%	33.3%	1.7%	12.3	330	4,379,660	68.5%	3.018	42.8%
P7647	Less Favourable	1	8	27.3%	14.257	108.1%	74.2%	31.1%	2.6%	12.3	328	4,695,455	58.7%	2.605	43.9%
kws pasco*	Favourable			30.0%	13.192	100.0%	74.3%	33.4%	1.6%	12.3	330	4,360,147	61.8%	2.718	42.8%
P7364	Less Favourable	1	2	29.1%	10.471	111.4%	73.6%	29.0%	3.3%	12.2	327	3,428,507	0.0%		45.5%
kws pasco*	Favourable			29.6%	9.401	100.0%	72.8%	31.0%	1.5%	12.0	326	3,066,846	0.0%		45.8%
P7381	Less Favourable	1	8	28.3%	13.889	105.3%	73.9%	34.3%	2.3%	12.2	327	4,556,407	55.2%	2.631	40.8%
kws pasco*	Favourable			30.0%	13.192	100.0%	74.3%	33.4%	1.6%	12.3	330	4,360,147	61.8%	2.718	42.8%
1067D035-01	Less Favourable	1	2	28.0%	11.033	103.5%	73.4%	31.7%	1.3%	12.1	326	3,597,573	57.1%	1.998	44.6%
kws pasco*	Favourable			27.1%	10.662	100.0%	74.7%	29.7%	1.3%	12.4	330	3,524,275	81.9%	2.590	45.2%

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	Site Type	No. Years Tested	No. Sites	Dry Matter (%)	Yield (Tonnes Dry Matter/ha)	Yield Index (%)	Wholeplant Organic Matter Digestibility (%)	Starch (%)	Sugar (%)	Megajoules Metabolisable Energy /Kg Dry Matter	Calculated Methane Production (litres/kg Dry Matter)	Calculated Methane Production (l/ha)	Pioneer Rumen Degradable Starch (%)	Pioneer Rumen Degradable Starch Yield (Tonnes Dry Matter/ha)	Neutral Detergent Fibre (%)
P7179	Less Favourable	4	29	37.5%	14.799	104.9%	75.6%	38.5%	1.8%	12.7	334	4,949,088	59.6%	3.395	38.9%
P7034 (C)	Favourable			35.4%	14.103	100.0%	75.5%	35.5%	2.5%	12.5	332	4,662,981	71.3%	3.568	40.7%
P7364	Less Favourable	3	31	33.8%	15.921	106.5%	75.4%	35.5%	2.5%	12.5	332	5,296,101	63.5%	3.593	40.2%
P7034 (C)	Favourable			37.4%	14.955	100.0%	75.6%	36.7%	2.4%	12.5	332	4,969,244	71.2%	3.909	39.6%
cito*	Less Favourable	2	10	44.0%	13.057	83.9%	76.7%	40.7%	1.6%	12.7	327	4,277,681	65.2%	3.466	36.6%
P7034 (C)	Favourable			38.0%	15.556	100.0%	75.5%	37.7%	2.6%	12.5	332	5,167,022	75.1%	4.409	38.4%
P7364	Less Favourable	4	31	33.8%	15.921	106.5%	75.4%	35.5%	2.5%	12.5	332	5,296,101	63.5%	3.593	40.2%
P7034 (C)	Favourable			37.4%	14.955	100.0%	75.6%	36.7%	2.4%	12.5	332	4,969,244	71.2%	3.909	39.6%
P7381	Less Favourable	3	28	33.7%	15.340	108.1%	75.0%	36.4%	2.0%	12.4	331	5,085,767	58.7%	3.283	39.6%
P7034 (C)	Favourable			34.1%	14.191	100.0%	75.5%	35.1%	2.4%	12.5	331	4,704,447	68.8%	3.430	40.9%
1067D035-01	Less Favourable	1	3	32.7%	11.478	95.6%	73.1%	33.7%	1.6%	12.1	325	3,729,444	57.3%	2.213	43.4%
P7034 (C)	Favourable			29.2%	12.002	100.0%	74.8%	32.3%	2.4%	12.4	329	3,947,053	76.9%	2.980	43.3%

(C) = Control hybrid

* = Competitor hybrid

	Site Type	No. Years Tested	No. Sites	Dry Matter (%)	Yield (Tonnes Dry Matter/ha)	Yield Index (%)	Wholeplant Organic Matter Digestibility (%)	Starch (%)	Sugar (%)	Megajoules Metabolisable Energy /Kg Dry Matter	Calculated Methane Production (litres/kg Dry Matter)	Calculated Methane Production (l/ha)	Pioneer Rumen Degradable Starch (%)	Pioneer Rumen Degradable Starch Yield (Tonnes Dry Matter/ha)	Neutral Detergent Fibre (%)
P7326	Less Favourable	4	34	36.8%	14.855	102.4%	75.7%	37.4%	2.1%	13.3	334	4,958,538	74.6%	4.147	38.4%
P7034 (C)	Favourable			36.1%	14.507	100.0%	75.7%	36.2%	2.4%	12.5	332	4,824,559	76.6%	4.022	39.9%
P7179	Less Favourable	4	29	37.5%	14.799	104.9%	75.6%	38.5%	1.8%	12.7	334	4,949,088	59.6%	3.395	38.9%
P7034 (C)	Favourable			35.4%	14.103	100.0%	75.5%	35.5%	2.5%	12.5	332	4,662,981	71.3%	3.568	40.7%
P7647	Less Favourable	3	28	32.4%	15.954	112.4%	75.9%	35.1%	2.3%	12.6	334	5,342,563	54.4%	3.047	40.3%
P7034 (C)	Favourable			34.1%	14.191	100.0%	75.5%	35.1%	2.4%	12.5	331	4,704,447	67.9%	3.385	40.9%
P72847	Less Favourable	1	9	28.8%	14.122	102.6%	74.8%	32.2%	2.3%	12.4	330	4,673,387	61.7%	2.810	43.4%
P7034 (C)	Favourable			28.0%	13.758	100.0%	74.4%	32.0%	2.6%	12.3	328	4,510,495	74.9%	3.292	43.4%
P7655	Less Favourable	1	3	25.5%	13.077	106.8%	72.4%	27.0%	2.2%	12.0	323	4,218,926	56.7%	1.999	47.3%
P7034 (C)	Favourable			29.9%	12.249	100.0%	74.2%	32.9%	2.2%	12.3	325	3,986,418	66.6%	2.689	42.8%
cito*	Less Favourable	2	10	44.0%	13.057	83.9%	76.7%	40.7%	1.6%	12.7	327	4,277,681	65.2%	3.466	36.6%
P7034 (C)	Favourable			38.0%	15.556	100.0%	75.5%	37.7%	2.6%	12.5	332	5,167,022	75.1%	4.409	38.4%
P7364	Less Favourable	4	31	33.8%	15.921	106.5%	75.4%	35.5%	2.5%	12.5	332	5,296,101	63.5%	3.593	40.2%
P7034 (C)	Favourable			37.4%	14.955	100.0%	75.6%	36.7%	2.4%	12.5	332	4,969,244	71.2%	3.909	39.6%
P7381	Less Favourable	3	28	33.7%	15.340	108.1%	75.0%	36.4%	2.0%	12.4	331	5,085,767	58.7%	3.283	39.6%
P7034 (C)	Favourable			34.1%	14.191	100.0%	75.5%	35.1%	2.4%	12.5	331	4,704,447	68.8%	3.430	40.9%
I067D035-01	Less Favourable	1	3	32.7%	11.478	95.6%	73.1%	33.7%	1.6%	12.1	325	3,729,444	57.3%	2.213	43.4%
P7034 (C)	Favourable			29.2%	12.002	100.0%	74.8%	32.3%	2.4%	12.4	329	3,947,053	76.9%	2.980	43.3%

	Site Type	No. Years Tested	No. Sites	Dry Matter (%)	Yield (Tonnes Dry Matter/ha)	Yield Index (%)	Wholeplant Organic Matter Digestibility (%)	Starch (%)	Sugar (%)	Megajoules Metabolisable Energy /Kg Dry Matter	Calculated Methane Production (litres/kg Dry Matter)	Calculated Methane Production (l/ha)	Pioneer Rumen Degradable Starch (%)	Pioneer Rumen Degradable Starch Yield (Tonnes Dry Matter/ha)	Neutral Detergent Fibre (%)
P7034 (C)	Less	4	29	35.4%	14.103	95.3%	75.5%	35.5%	2.5%	12.5	332	4,662,981	71.3%	3.568	40.7%
P7179	Favourable			37.5%	14.799	100.0%	75.6%	38.5%	1.8%	12.7	334	4,949,088	59.6%	3.395	38.9%
P7647	Less	3	23	32.8%	16.041	109.6%	75.9%	35.1%	2.4%	12.6	334	5,377,246	55.5%	3.121	40.5%
P7179	Favourable			36.9%	14.637	100.0%	75.7%	38.2%	1.8%	12.5	334	4,899,307	55.3%	3.095	39.3%
cito*	Less	2	5	43.7%	13.336	73.3%	76.2%	39.9%	1.7%	12.6	315	4,069,078	68.3%	3.637	37.9%
P7179	Favourable			40.2%	18.197	100.0%	75.8%	41.4%	1.9%	12.6	335	6,113,306	60.5%	4.550	35.7%
P7364	Less	4	22	34.0%	15.818	103.7%	75.5%	35.6%	2.5%	12.5	333	5,240,647	63.7%	3.593	40.1%
P7179	Favourable			39.2%	15.255	100.0%	75.8%	39.2%	1.9%	12.5	334	5,103,971	58.4%	3.493	38.3%
P7381	Less	3	23	33.9%	15.289	104.5%	75.1%	36.7%	2.1%	12.4	332	5,076,913	58.6%	3.287	39.3%
P7179	Favourable			36.9%	14.637	100.0%	75.7%	38.2%	1.8%	12.5	334	4,899,307	55.3%	3.095	39.3%

	Site Type	No. Years Tested	No. Sites	Dry Matter (%)	Yield (Tonnes Dry Matter/ha)	Yield Index (%)	Wholeplant Organic Matter Digestibility (%)	Starch (%)	Sugar (%)	Megajoules Metabolisable Energy /Kg Dry Matter	Calculated Methane Production (litres/kg Dry Matter)	Calculated Methane Production (l/ha)	Pioneer Rumen Degradable Starch (%)	Pioneer Rumen Degradable Starch Yield (Tonnes Dry Matter/ha)	Neutral Detergent Fibre (%)
P7034 (C) P7326	Less Favourable	4	34	36.1% 36.8%	14.507 14.855	97.7% 100.0%	75.7% 75.7%	36.2% 37.4%	2.4% 2.1%	12.5 13.3	332 334	4,824,559 4,958,538	76.6% 74.6%	4.022 4.147	39.9% 38.4%
P7179 P7326	Less Favourable	4	26	37.7% 36.4%	14.879 14.765	100.8% 100.0%	75.7% 75.7%	38.3% 36.8%	1.9% 2.1%	12.8 13.5	334 333	4,977,277 4,893,222	63.0% 76.6%	3.594 4.159	39.0% 38.9%
P7647 P7326	Less Favourable	3	23	32.9% 35.3%	16.204 14.494	111.8% 100.0%	76.0% 75.7%	35.6% 37.3%	2.1% 2.0%	12.6 12.5	335 333	5,435,923 4,838,750	54.7% 62.6%	3.153 3.383	40.1% 38.7%
cito* P7326	Less Favourable	2	9	43.8% 38.4%	13.282 16.694	79.6% 100.0%	76.9% 75.8%	40.8% 38.3%	1.6% 2.4%	12.7 12.5	326 334	4,349,551 5,574,346	66.9% 76.5%	3.626 4.886	36.2% 36.7%
P7364 P7326	Less Favourable	4	27	34.4% 38.1%	16.029 15.161	105.7% 100.0%	75.6% 75.8%	36.0% 38.2%	2.4% 2.1%	12.5 12.5	333 334	5,345,931 5,065,898	68.4% 75.5%	3.946 4.367	39.7% 37.8%
P7381 P7326	Less Favourable	3	23	34.1% 35.3%	15.532 14.494	107.2% 100.0%	75.4% 75.7%	37.3% 37.3%	2.1% 2.0%	12.5 12.5	333 333	5,176,800 4,838,750	53.2% 62.6%	3.078 3.383	38.8% 38.7%

(C) = Control hybrid

* = Competitor hybrid

	Site Type	No. Years Tested	No. Sites	Dry Matter (%)	Yield (Tonnes Dry Matter/ha)	Yield Index (%)	Wholeplant Organic Matter Digestibility (%)	Starch (%)	Sugar (%)	Megajoules Metabolisable Energy /Kg Dry Matter	Calculated Methane Production (litres/kg Dry Matter)	Calculated Methane Production (l/ha)	Pioneer Rumen Degradable Starch (%)	Pioneer Rumen Degradable Starch Yield (Tonnes Dry Matter/ha)	Neutral Detergent Fibre (%)
P7326	Less	3	23	35.3%	14.494	93.3%	75.7%	37.3%	2.0%	12.5	333	4,838,750	62.6%	3.383	38.7%
P7381	Favourable			34.1%	15.532	100.0%	75.4%	37.3%	2.1%	12.5	333	5,176,800	53.2%	3.078	38.8%
P7034 (C)	Less	3	28	34.1%	14.191	92.5%	75.5%	35.1%	2.4%	12.5	331	4,704,447	68.8%	3.430	40.9%
P7381	Favourable			33.7%	15.340	100.0%	75.0%	36.4%	2.0%	12.4	331	5,085,767	58.7%	3.283	39.6%
P7179	Less	3	23	36.9%	14.637	95.7%	75.7%	38.2%	1.8%	12.5	334	4,899,307	55.3%	3.095	39.3%
P7381	Favourable			33.9%	15.289	100.0%	75.1%	36.7%	2.1%	12.4	332	5,076,913	58.6%	3.287	39.3%
P7647	Less	3	28	32.4%	15.954	104.0%	75.9%	35.1%	2.3%	12.6	334	5,342,563	55.5%	3.111	40.3%
P7381	Favourable			33.7%	15.340	100.0%	75.0%	36.4%	2.0%	12.4	331	5,085,767	58.1%	3.249	39.6%
P7655	Less	3	3	25.5%	13.077	92.5%	72.4%	27.0%	2.2%	12.0	323	4,218,926	56.7%	1.999	47.3%
P7381	Favourable			29.9%	14.131	100.0%	71.5%	31.0%	1.7%	11.8	318	4,495,624	60.9%	2.672	45.4%
P7364	Less	3	21	33.3%	15.439	98.7%	75.7%	35.5%	2.4%	12.5	333	5,153,330	59.4%	3.261	40.3%
P7381	Favourable			35.6%	15.637	100.0%	75.1%	36.9%	2.0%	12.4	332	5,194,931	60.0%	3.465	39.4%

(C) = Control hybrid

* = Competitor hybrid

prospect*

Paired Comparisons

Less Favourable Sites

Multiple Year Summary 2021 - 2024



	Site Type	No. Years Tested	No. Sites	Dry Matter (%)	Yield (Tonnes Dry Matter/ha)	Yield Index (%)	Wholeplant Organic Matter Digestibility (%)	Starch (%)	Sugar (%)	Megajoules Metabolisable Energy/Kg Dry Matter	Calculated Methane Production (litres/kg Dry Matter)	Calculated Methane Production (l/ha)	Pioneer Rumen Degradable Starch (%)	Pioneer Rumen Degradable Starch Yield (Tonnes Dry Matter/ha)	Neutral Detergent Fibre (%)
P7326 prospect*	Less Favourable	3	21	35.8% 35.7%	14.471 14.576	99.3% 100.0%	76.0% 76.9%	37.8% 37.7%	2.1% 2.2%	12.6 12.7	335 338	4,848,416 4,931,745	70.6% 64.2%		38.3% 38.7%
P7034 (C) prospect*	Less Favourable	3	22	35.0% 35.7%	14.217 14.563	97.6% 100.0%	75.8% 76.9%	36.0% 37.7%	2.5% 2.3%	12.6 12.7	333 338	4,739,713 4,927,984	67.1% 55.8%	3.430 3.061	40.2% 38.8%
P7179 prospect*	Less Favourable	3	18	37.7% 35.8%	14.647 14.517	100.9% 100.0%	76.0% 77.2%	38.3% 37.8%	1.9% 2.3%	12.6 12.8	335 339	4,918,984 4,926,527	57.6% 55.1%	3.232 3.026	39.2% 38.3%
P7647 prospect*	Less Favourable	3	22	33.6% 35.7%	16.150 14.563	110.9% 100.0%	76.2% 76.9%	35.7% 37.7%	2.2% 2.3%	12.6 12.7	335 338	5,428,651 4,927,984	53.7% 51.1%	3.100 2.800	39.9% 38.8%
P7364 prospect*	Less Favourable	3	16	35.0% 38.1%	15.318 14.386	106.5% 100.0%	76.2% 77.4%	36.2% 39.2%	2.6% 2.2%	12.6 12.8	336 340	5,148,278 4,895,492	57.7% 53.7%	3.199 3.029	39.8% 37.5%
P7381 prospect*	Less Favourable	3	22	34.8% 35.7%	15.595 14.563	107.1% 100.0%	75.6% 77.4%	37.4% 37.7%	2.2% 2.3%	12.5 12.7	333 338	5,207,185 4,927,984	59.5% 54.4%	3.467 2.982	38.7% 38.8%

(C) = Control hybrid

* = Competitor hybrid

** = Trade name following official registration

	Site Type	No. Years Tested	No. Sites	Dry Matter (%)	Yield (Tonnes Dry Matter/ha)	Yield Index (%)	Wholeplant Organic Matter Digestibility (%)	Starch (%)	Sugar (%)	Megajoules Metabolisable Energy /Kg Dry Matter	Calculated Methane Production (litres/kg Dry Matter)	Calculated Methane Production (l/ha)	Pioneer Rumen Degradable Starch (%)	Pioneer Rumen Degradable Starch Yield (Tonnes Dry Matter/ha)	Neutral Detergent Fibre (%)
P7326 saxon*	Less Favourable	2	12	34.5% 33.6%	14.297 15.145	94.4% 100.0%	74.7% 75.4%	34.6% 33.9%	2.5% 2.6%	12.4 12.5	331 332	4,742,753 5,043,649	67.0% 61.5%	3.311 3.159	41.5% 42.8%
P7034 (C) saxon*	Less Favourable	2	13	33.3% 33.9%	13.728 15.120	90.8% 100.0%	74.7% 75.5%	33.4% 34.2%	3.2% 2.7%	12.4 12.5	329 333	4,524,724 5,042,761	74.6% 61.8%	3.418 3.198	42.8% 42.3%
P7179 saxon*	Less Favourable	2	10	34.7% 33.4%	14.437 15.050	95.9% 100.0%	74.7% 75.4%	35.1% 33.2%	2.3% 2.8%	12.4 12.5	332 333	4,808,980 5,020,422	63.0% 65.7%	3.194 3.282	42.8% 43.5%
P7647 saxon*	Less Favourable	2	13	30.9% 33.9%	15.466 15.120	102.3% 100.0%	74.9% 75.5%	32.8% 34.2%	2.7% 2.7%	12.4 12.5	331 333	5,134,742 5,042,761	56.3% 59.6%	2.850 3.084	42.9% 42.3%
P7655 saxon*	Less Favourable	1	1	32.4% 37.8%	16.386 14.826	110.5% 100.0%	75.3% 77.6%	35.7% 38.0%	4.2% 4.1%	12.5 12.8	332 339	5,446,731 5,032,101	56.7% 61.8%	3.314 3.481	39.1% 36.3%
P7364 saxon*	Less Favourable	2	8	33.5% 36.9%	15.465 15.404	100.4% 100.0%	75.2% 75.2%	33.3% 34.2%	3.7% 2.7%	12.4 12.5	332 332	5,156,312 5,134,678	57.7% 57.4%	2.972 3.020	42.9% 43.1%
P7381 saxon*	Less Favourable	2	13	32.0% 33.9%	15.044 15.120	99.5% 100.0%	74.2% 75.5%	34.9% 34.2%	2.7% 2.7%	12.3 12.5	329 333	4,958,163 5,042,761	56.5% 59.6%	2.966 3.084	41.2% 42.3%
1067D035-01 saxon*	Less Favourable	1	3	32.7% 31.5%	11.478 12.535	91.6% 100.0%	73.1% 76.6%	33.7% 34.0%	1.6% 2.5%	12.1 12.7	325 336	3,729,444 4,212,703	57.3% 67.3%	2.213 2.869	43.4% 40.9%

(C) = Control hybrid

* = Competitor hybrid

** = Trade name following official registration

Selected Paired Comparisons Samco System Trials



	Site Type	No. Years Tested	No. Sites	Dry Matter (%)	Yield (Tonnes Dry Matter/ha)	Yield Index (%)	Wholeplant Organic Matter Digestibility (%)	Starch (%)	Sugar (%)	Megajoules Metabolisable Energy /Kg Dry Matter	Calculated Methane Production (litres/kg Dry Matter)	Calculated Methane Production (l/ha)	Rumen Degradable Starch (%)	Rumen Degradable Starch Yield (Tonnes Dry Matter/ha)	Neutral Detergent Fibre (%)
P7647	SAMCO All Sites	2	4	40.6%	14.228	111.0%	74.1%	37.9%	2.0%	12.3	331	4,717,560	60.5%	3.260	41.5%
P7034				41.6%	12.815	100.0%	75.2%	37.9%	1.8%	12.5	333	4,275,972	78.1%	3.791	42.3%
P8201	SAMCO All Sites	8	21	32.7%	16.523	114.9%	71.2%	33.5%	3.4%	11.8	314	5,192,105	67.7%	3.748	41.5%
P7034				38.3%	14.383	100.0%	72.2%	37.4%	2.6%	11.9	323	4,647,275	82.6%	4.442	38.8%
P7948	SAMCO All Sites	7	20	34.6%	15.481	103.6%	71.6%	35.8%	3.0%	11.9	322	5,001,205	76.1%	4.216	39.9%
P7034				37.6%	14.948	100.0%	71.2%	36.3%	2.4%	11.8	320	4,771,969	80.9%	4.385	40.1%
P7381	SAMCO All Sites	3	5	38.3%	14.303	109.2%	73.0%	35.8%	1.2%	12.1	327	4,688,593	68.6%	3.510	42.3%
P7034				40.5%	13.093	100.0%	74.7%	38.2%	1.4%	12.4	331	4,342,198	78.3%	3.918	41.9%
P7364	SAMCO All Sites	4	13	35.9%	16.036	108.7%	73.7%	35.4%	1.7%	12.2	329	5,271,846	78.3%	4.448	41.1%
P7034				38.0%	14.759	100.0%	74.4%	36.6%	1.6%	12.3	329	4,860,021	77.1%	4.165	40.8%
P7326	SAMCO All Sites	11	27	37.8%	13.954	94.5%	71.7%	35.9%	3.0%	11.9	322	4,501,948	76.5%	3.837	39.5%
P7034				36.9%	14.765	100.0%	71.5%	35.9%	2.6%	11.8	321	4,728,215	80.9%	4.291	39.7%
P7655	SAMCO All Sites	1	1	31.4%	13.907	104.2%	69.9%	27.3%	2.0%	11.6	317	4,413,960			51.1%
P7034				32.5%	13.341	100.0%	70.0%	26.8%	1.6%	11.6	319	4,249,498			52.3%
P8153	SAMCO All Sites	2	2	39.3%	20.054	100.0%	75.7%	41.2%	1.2%	12.5	336	6,737,909	0.0%	0.000	38.1%
P7034				39.3%	20.054	100.0%	75.7%	41.2%	1.2%	12.5	336	6,737,909	0.0%	0.000	38.1%
P7179	SAMCO All Sites	3	9	42.8%	14.138	101.0%	76.1%	40.7%	1.5%	12.6	337	4,773,193	67.4%	3.882	37.4%
P7034				39.2%	14.003	100.0%	75.1%	37.7%	1.7%	12.4	332	4,643,658	79.3%	4.187	40.1%

	Site Type	No. Years Tested	No. Sites	Dry Matter (%)	Yield (Tonnes Dry Matter/ha)	Yield Index (%)	Wholeplant Organic Matter Digestibility (%)	Starch (%)	Sugar (%)	Megajoules Metabolisable Energy /Kg Dry Matter	Calculated Methane Production (litres/kg Dry Matter)	Calculated Methane Production (l/ha)	Pioneer Rumen Degradable Starch (%)	Pioneer Rumen Degradable Starch Yield (Tonnes Dry Matter/ha)	Neutral Detergent Fibre (%)
P7034 P8200 (C)	SAMCO All Sites	8	29	37.3% 31.2%	14.737 15.859	92.9% 100.0%	71.7% 70.5%	36.0% 32.3%	2.5% 3.2%	11.9 11.7	321 317	4,731,197 5,039,542	80.9% 64.7%	4.299 3.319	40.1% 41.9%
P7647 P8200 (C)	SAMCO All Sites	2	5	38.1% 33.2%	14.315 15.775	90.7% 100.0%	73.9% 73.6%	35.5% 34.2%	1.9% 1.7%	12.2 12.2	329 326	4,717,647 5,151,139	73.5% 77.5%	3.732 4.181	42.0% 42.9%
P8201 P8200 (C)	SAMCO All Sites	9	32	32.3% 32.0%	16.898 16.638	101.6% 100.0%	70.5% 69.7%	32.4% 32.6%	4.0% 3.3%	11.7 11.5	313 314	5,298,398 5,236,447	73.9% 70.6%	4.052 3.832	41.8% 41.6%
P7948 P8200 (C)	SAMCO All Sites	7	22	34.3% 31.0%	15.446 15.546	99.4% 100.0%	70.7% 69.7%	34.5% 31.8%	2.8% 3.0%	11.7 11.5	318 314	4,931,200 4,889,894	83.2% 70.7%	4.437 3.494	41.1% 42.4%
P7381 P8200 (C)	SAMCO All Sites	3	6	37.6% 32.9%	14.454 16.358	88.4% 100.0%	73.0% 73.7%	36.0% 34.9%	1.2% 1.5%	12.1 12.2	327 328	4,732,752 5,360,308	67.7% 67.7%	3.526 3.865	41.9% 42.8%
P7364 P8200 (C)	SAMCO All Sites	4	14	35.3% 31.9%	15.885 16.770	94.7% 100.0%	73.6% 73.7%	35.1% 33.7%	1.7% 1.7%	12.2 12.2	328 326	5,212,471 5,482,082	78.3% 59.1%	4.361 3.341	41.4% 41.8%
P7326 P8200 (C)	SAMCO All Sites	11	39	38.0% 30.9%	14.388 16.476	87.3% 100.0%	71.2% 69.5%	35.5% 31.5%	3.2% 3.4%	11.8 11.5	320 313	4,610,006 5,162,911	76.5% 64.3%	3.909 3.333	40.0% 42.3%
P7655 P8200 (C)	SAMCO All Sites	1	2	34.2% 28.0%	15.232 14.642	104.0% 100.0%	72.1% 71.4%	32.8% 27.9%	1.6% 2.1%	11.9 11.8	323 320	4,929,585 4,682,550			44.4% 48.2%
P8153 P8200 (C)	SAMCO All Sites	2	2	39.3% 39.6%	20.054 20.737	96.7% 100.0%	75.7% 74.6%	41.2% 40.4%	1.2% 1.2%	12.5 12.3	336 330	6,737,909 6,854,041	0.0% 0.0%	0.000 0.000	38.1% 38.6%
P7179 P8200 (C)	SAMCO All Sites	3	9	42.8% 32.7%	14.138 16.273	86.9% 100.0%	76.1% 74.6%	40.7% 34.9%	1.5% 1.8%	12.6 12.3	337 329	4,773,193 5,353,631	67.4% 63.5%	3.882 3.605	37.4% 40.9%



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