



Pioneer® brand Maize Grain hybrid performance information



Grain CRM 109

A proven, stable, all-round hybrid.

An exceptionally balanced package that delivers yield stability.

- Dependable standability, low ear placement, Optimum AQUAmax® drought tolerance, great foliar health and staygreen.
- East Coast growers will value strong Head Smut resistance
- A management responsive hybrid that will benefit from adjusting established plant population to match yield expectation.
- Companion with **P0640**, **P0710** or **P0937**.

Extensively planted between Dargaville and Napier.

Recommended growing regions



Recommended established plant populations (000's/ha)

Challenging
yield
environments

80

Medium
yield
environments

90

High
yield
environments

110



Plant and agronomic traits

Drought tolerance	9
Stalk strength	7
Root strength	7
Early growth	7
Staygreen	8
Husk cover	6
Grain drydown	5

Grain quality traits

Grain appearance	6
Test weight	6

Hybrid disease ratings

Northern Leaf Blight	7
Common Rust	7

Maize Grain Performance Comparisons for P0900

Yield/test weight advantage to the first named hybrid

Pioneer hybrid	Comparison hybrid	Number of trials	Harvest moisture difference (%) ¹	Grain yield advantage(kgDM/ha)	Statistical significance	Test weight difference (kg/hl)
National						
P0900	P0283	86	-0.40	-64	NS	-0.63
P0900	P0362	145	-0.64	406	★★★	-0.85
P0900	P0450	144	-0.41	75	NS	1.97
P0900	P0640	264	-0.70	-156	CA	1.02
P0900	P0710	203	-0.20	-29	NS	1.02
P0900	P0891	157	-0.53	429	★★★	-4.30
P0900	P0937	379	-0.14	-396	★★★	1.12
P0900	P1185	219	0.16	-752	★★★	-1.94
Northland						
P0900	P0283	11	-0.01	-736	★	0.38
P0900	P0362	18	-0.31	-156	NS	-0.27
P0900	P0450	22	-0.01	-273	NS	2.10
P0900	P0640	39	-0.34	-572	★★	1.45
P0900	P0710	27	-0.02	-135	NS	1.04
P0900	P0937	44	-0.09	-296	CA	0.75
P0900	P1185	27	0.07	-225	NS	-1.60
Waikato						
P0900	P0283	32	-0.61	220	NS	-1.05
P0900	P0450	50	-0.47	382	CA	2.22
P0900	P0640	100	-0.65	-235	NS	0.79
P0900	P0710	67	-0.35	209	NS	0.90
P0900	P0937	140	-0.16	-266	★	1.11
P0900	P1185	71	0.19	-756	★★★	-2.05
Bay of Plenty Gisborne & Hawke's Bay						
P0900	P0283	21	-0.01	253	NS	-0.93
P0900	P0450	41	-0.19	154	NS	1.75
P0900	P0640	102	-0.78	105	NS	1.04
P0900	P0710	70	-0.08	83	NS	0.89
P0900	P0937	147	-0.14	-449	★★★	1.12
P0900	P1185	76	0.28	-715	★★★	-2.27

¹ Positive harvest moisture differences indicate that the bolded Pioneer hybrid had a lower average moisture percentage at harvest than the comparison hybrid. Such hybrids are usually earlier in maturity or faster to drydown than the comparison hybrid. Negative moisture differences indicate that the bolded Pioneer hybrid had a higher average moisture percentage at harvest. Such hybrids are usually later in maturity or slower to drydown than the comparison hybrid. Positive yield and / or test weight differences indicate the bolded Pioneer hybrid had higher yield and / or grain test weight.

Source: Pioneer® brand products New Zealand Research Programme. Includes all data to the end of the 2026 harvest.



Yield significance key

- NS No significant yield difference
- CA Commercially acceptable
- ★ Significant yield advantage
- ★★ Highly significant yield advantage
- ★★★ Very highly significant yield advantage

For further information contact:
Your Area Manager
Or visit www.pioneer.nz
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