



Pioneer® brand Maize Grain hybrid performance information

Grain CRM 107

Veteran hybrid producing a “sea of gold.”

Very good drought tolerance, standability and staygreen combined with strong resistance to Northern Leaf Blight, Common Rust and Eyespot.

- Best suited to moderate to high yielding paddocks.
- Produces grain with excellent appearance, very high test weight and with food grade end-use quality.
- Other hybrids to consider include **P0640**, **P0710**, **P0900** and **P0937** which is better adapted to planting in cool challenging situations.

Delivers yield stability for grain and silage from Kaitia to Napier

Recommended growing regions



Recommended established plant populations (000's/ha)

Challenging
yield
environments

85

Medium
yield
environments

95

High
yield
environments

105



Plant and agronomic traits

Drought tolerance	<div><div></div></div>	7
Stalk strength	<div><div></div></div>	8
Root strength	<div><div></div></div>	6
Early growth	<div><div></div></div>	6
Staygreen	<div><div></div></div>	7
Husk cover	<div><div></div></div>	6
Grain drydown	<div><div></div></div>	6

Grain quality traits

Grain appearance	<div><div></div></div>	9
Test weight	<div><div></div></div>	9

Hybrid disease ratings

Northern Leaf Blight	<div><div></div></div>	6
Common Rust	<div><div></div></div>	6

Maize Grain Performance Comparisons for P0891

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)
Northland						
P0891	P0362	14	-0.57	-737	★	2.49
P0891	P0640	53	-0.24	-532	★★	5.78
P0891	P0900	16	0.69	-501	★	4.39
P0891	P0937	25	0.44	-1,136	★★★	4.49
Waikato						
P0891	P0362	60	-0.29	266	NS	3.28
P0891	P0640	195	-0.41	-488	★★★	5.13
P0891	P0900	68	0.54	-248	NS	3.59
P0891	P0937	96	0.53	-923	★★★	4.95
Bay of Plenty Gisborne & Hawkes Bay						
P0891	P0362	85	-0.27	-364	★	3.42
P0891	P0640	220	-0.42	-315	★★★	6.00
P0891	P0900	74	0.49	-546	★★	4.90
P0891	P0937	120	0.42	-1,223	★★★	6.04
P0891	P1253	359	0.50	-547	★★★	0.41

Yield significance Key

NS No significant yield difference
CA Commercially acceptable
★ Significant yield advantage

★★ Highly significant yield advantage
★★★ Very highly significant yield advantage

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 2024 harvest.



For further information contact:
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