



Pioneer® brand Maize Grain hybrid performance information

Grain CRM 106

Leaf disease champion delivering yield stability.

A balanced hybrid combining excellent early growth, all-round agronomics with desirable ear rot, superior Northern Leaf Blight, Common Rust and Eyespot resistances.

- Tall plant with sound standability, staygreen and drought tolerance.
- Supplies yield stability in moderate to high yield environments.
- Growers on peat soils should replace **P0640** with **P0710**, **P0900** or **P0937**.

Should be part of larger operations from Dargaville to Napier where its foliar health, fast drydown and yield performance deliver value.

Recommended growing regions



Recommended established plant populations (000's/ha)

Challenging
yield
environments

85

Medium
yield
environments

95

High
yield
environments

100



Plant and agronomic traits

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

Grain quality traits

Grain appearance	6
Test weight	5

Hybrid disease ratings

Northern Leaf Blight	7
Common Rust	7

Maize Grain Performance Comparisons for P0640

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						
P0640	P0021	380	-1.35	868	★★★★	-2.74
P0640	P0362	361	-0.11	645	★★★★	-2.11
P0640	P0891	498	0.47	398	★★★★	-5.59
P0640	P0900	219	0.85	265	★★	-0.87
P0640	P0937	320	0.70	-277	★★	0.02
Northland						
P0640	P0200	31	-0.30	824	CA	-2.19
P0640	P0362	64	-0.16	471	★★	-2.13
P0640	P0891	53	0.24	532	★★	-5.78
P0640	P0900	26	0.50	672	★★	-1.12
P0640	P0937	42	0.49	-82	NS	-0.61
Waikato						
P0640	P0021	137	-1.40	1,338	★★★★	-2.80
P0640	P0200	70	-0.81	1,408	★★★★	-1.91
P0640	P0362	125	-0.27	1,205	★★★★	-2.03
P0640	P0891	195	0.41	488	★★★★	-5.13
P0640	P0900	88	0.81	431	★★	-0.68
P0640	P0937	126	0.67	-63	NS	0.03
Bay of Plenty Gisborne & Hawke's Bay						
P0640	P0201	115	-1.11	660	★★★★	-2.79
P0640	P0200	54	-0.59	659	★★	-2.88
P0640	P0362	112	-0.06	330	★	-2.27
P0640	P0891	220	0.42	315	★★★★	-6.00
P0640	P0900	88	0.90	-92	NS	-0.99
P0640	P0937	130	0.69	-522	★★★★	0.20



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:
Your Area Manager
 or visit www.pioneer.nz
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