



NEW

Pioneer® brand Maize Grain hybrid performance information



Grain CRM 104

Agronomic confidence, secure yields.

Very strong all-round yield, agronomic and disease resistance profile.

- Moderate plant height with very low ear placement together with superior stalks and roots deliver great standability.
- Superior Northern Leaf Blight resistance, exceptional drought and staygreen deliver season long eye appeal and yield stability.
- Has superior husk cover while drydown and test weights are average.
- A widely adapted hybrid which is most productive from Kaitaia to Napier.

Plant alongside **P9978**, **P0283**, or **P0640** depending on maturity and trait requirements.

Recommended growing regions



Recommended established plant populations (000's/ha)

Challenging
yield
environments

80

Medium
yield
environments

95

High
yield
environments

110



Plant and agronomic traits

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

Grain quality traits

Grain appearance	6
Test weight	5

Hybrid disease ratings

Northern Leaf Blight	7
Common Rust	7

Maize Grain Performance Comparisons for P0450

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						
P0450	P0021	15	-0.76	1,489	★★★	-2.85
P0450	P0283	127	-0.06	-134	NS	-2.63
P0450	P0362	109	0.20	274	CA	-3.02
P0450	P0640	89	0.15	-21	NS	-1.00
P0450	P0710	149	0.19	-34	NS	-0.57
P0450	P9978	104	-0.18	172	NS	-1.18
Northland						
P0450	P0283	17	0.00	-492	★	-2.31
P0450	P0362	15	0.00	-204	NS	-2.15
P0450	P0640	18	0.00	-284	NS	-0.19
P0450	P0710	23	0.01	27	NS	-0.89
P0450	P9978	16	-0.01	-225	NS	-0.63
Waikato						
P0450	P0021	9	-0.54	1,736	★★	-3.52
P0450	P0283	50	-0.03	-191	NS	-2.69
P0450	P0362	44	0.24	381	CA	-3.20
P0450	P0640	32	0.35	93	NS	-1.57
P0450	P0710	53	0.20	13	NS	-0.62
P0450	P0937	51	0.39	-220	NS	-0.72
P0450	P9978	36	-0.24	319	NS	-1.27
Bay of Plenty Gisborne & Hawke's Bay						
P0450	P0283	33	-0.09	89	NS	-2.78
P0450	P0640	25	0.10	-132	NS	-1.08
P0450	P0710	42	0.07	-69	NS	-0.57
P0450	P0900	41	0.19	-154	NS	-1.75
P0450	P0937	40	0.11	-840	★★	-0.68
P0450	P9978	32	-0.23	10	NS	-1.30
Lower North Island						
P0450	P0283	27	-0.13	-76	NS	-2.55
P0450	P0362	28	0.22	433	CA	-2.74
P0450	P9978	20	-0.11	485	NS	-1.29

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 2026 harvest.

For further information contact:

Your Area Manager
Or visit www.pioneer.nz
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