

NEW



Pioneer® brand Maize Grain hybrid performance information

Grain CRM 102

Presents performance and reliability.

A balanced all-round plant profile producing a chunky ear with deep grain and sound husk cover.

- A great option where standability, Northern Leaf Blight & Rust are concerns.
- Has superior drought tolerance, staygreen, sound ear rot resistances, drydown, test weight and yield stability.

Widely adapted to all North Island growing regions but is particularly competitive down the East Coast where it delivers higher yields than **P0021** & **P0362**.

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>	6
Root strength	<div><div></div></div>	7
Early growth	<div><div></div></div>	5
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>	5
Test weight	<div><div></div></div>	6

Hybrid disease ratings

Northern Leaf Blight	<div><div></div></div>	6
Common Rust	<div><div></div></div>	7

Maize Grain Performance Comparisons for P0200

Yield/test weight advantage to the first named hybrid

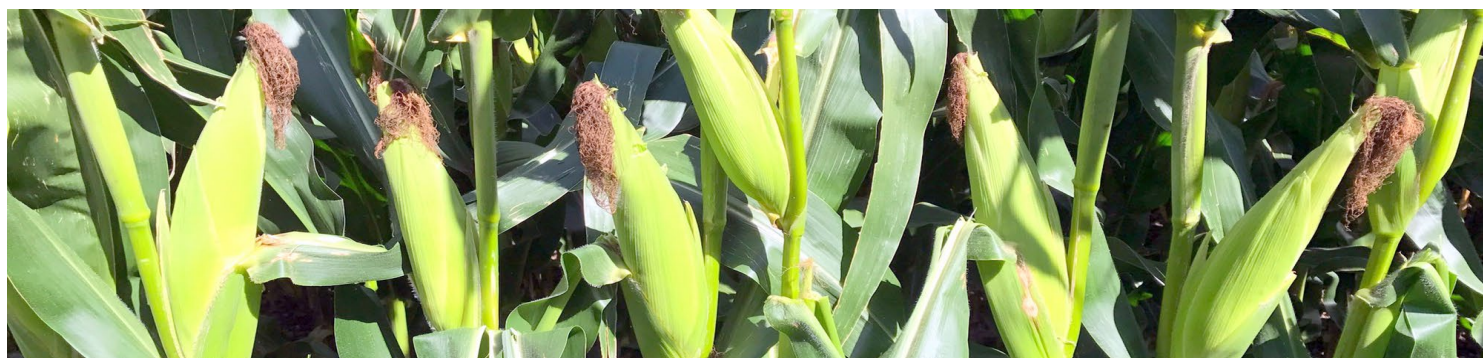
Pioneer hybrid	Comparison hybrid	Number of trials	Harvest moisture difference (%) ¹	Grain yield advantage(kgDM/ha)	Statistical significance	Test weight difference (kg/hl)
Northland						
P0200	P0021	23	-0.82	56	NS	-0.95
P0200	P0362	24	0.26	32	NS	-0.75
P0200	P9978	24	-0.52	-89	NS	2.37
Waikato						
P0200	PAC200 (Afinity)	15	-0.48	673	★★★★	0.17
P0200	Brutus	8	4.26	1,967	★	-1.52
P0200	PAC295 (N39-Q1)	21	-0.94	2,266	★★★★	0.14
P0200	PAC300 (N51-N4)	9	0.68	756	★★	0.10
P0200	P0021	41	-1.08	728	★★★★	-1.08
P0200	P0362	41	0.58	-81	NS	-0.68
P0200	P9721	15	-1.62	440	★	1.08
P0200	P9978	41	-0.47	-349	CA	1.11
P0200	PAC314	18	-0.67	1,089	★	-4.21
Bay of Plenty						
P0200	PAC200 (Afinity)	8	-0.70	1,712	★	3.17
P0200	PAC300 (N51-N4)	6	-0.97	2,389	★★	3.18
P0200	P0021	9	-0.49	1,733	★★	0.15
P0200	P0640	7	-0.09	665	★	5.24
P0200	P0891	7	0.84	1,810	★	-5.11
P0200	P9978	8	-0.22	105	NS	3.24
Gisborne & Hawke's Bay						
P0200	P0021	22	-0.43	657	★	0.28
P0200	P0362	19	0.63	653	CA	0.30
Lower North Island						
P0200	PAC295 (N39-Q1)	19	-1.13	1,327	★★★★	0.24
P0200	PAC300 (N51-N4)	12	0.05	1,092	CA	-0.54
P0200	P0021	35	-0.67	173	NS	-0.80
P0200	P0547	32	-0.60	30	NS	-1.18
P0200	P9978	34	-0.06	-758	★★★★	1.45

Yield significance Key

NS	No significant yield difference	★★	Highly significant yield advantage
CA	Commercially acceptable	★★★★	Very highly significant yield advantage
★	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 2022 harvest.



For further information contact:
Your Area Manager
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