NEW

Pioneer® brand Maize Silage hybrid performance information

PIONEER® BRAND

P0450

Optimum AQUAmax™

Silage CRM 104

Agronomic confidence, silage excellence.

Very strong all-round agronomic, disease resistance and silage quality profiles.

- Moderate in plant height with very low ear placement, together with superior stalks & roots deliver great standability.
- Superior Northern Leaf Blight, exceptional drought tolerance and staygreen deliver season long eye appeal and yield stability.
- Silage has the highest ratings for digestibility and energy.
- Most productive from Kaitaia to Napier where a hybrid of this maturity is required.

Plant alongside **P9978, P0283**, **P0640 or P0710** depending on maturity and trait requirements.

Recommended growing regions

Recommended established plant populations (000's/ha)

Challenging yield environments	Medium yield environments	High yield environments
90	100	110

Plant traits

Drought tolerance	9
Stalk strength	6
Root strength	7
Early growth	7
Plant height	6
Staygreen	9

Silage quality traits

Whole plant digestibility	9
Starch and sugar	9

Hybrid disease ratings

Northern Leaf Blight	7
Common Rust	7

Maize Silage Performance Comparisons for P0450

Optimum AQUAmax™

Yield advantage to the first named hybrid

Pioneer hybrid	Comparison hybrid	Number of trials	Drymatter difference (%)[1]	Yield advantage (kgDM/ha)	Statistical significance
National					
P0450	P0283	44	-0.42	142	**NS**
P0450	P0640	49	2.13	-1,840	★★★
P0450	P0710	34	0.94	-1,026	★★★
Waikato					
P0450	P0283	31	-0.64	-22	**NS**
P0450	P0640	37	1.78	-1,846	★★★
P0450	P0710	29	0.82	-1,073	★★★

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 drymatter differences indicate that the bolded Pioneer hybrid had a higher average drymatter percentage at harvest. Such hybrids are usually shorter in maturity than the comparison hybrid. Negative drymatter differences indicate that the bolded Pioneer hybrid had a lower average drymatter content at harvest. Such hybrids are usually longer in maturity than the comparison hybrid. Positive yield advantages indicate that the bolded hybrid was higher yielding. Source: Pioneer® brand products New Zealand Research Programme. **Includes all data to the end of the 2025 harvest.**

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