

# Pioneer® brand Maize Grain hybrid performance information

### Grain CRM 92

### Solid, balanced hybrid, with top-of-the-line foliar health.

Plant where Northern Leaf Blight, standability & drought are seasonal concerns.

- Offers improved standability, disease resistance ratings and higher grain yields than P9127 which it replaces.
- Delivers strong emergence and early growth, is of average height while having superior roots and stalks.
- Combines excellent drought tolerance, staygreen, Northern Leaf Blight and Rust resistances to deliver season long plant health and stable high grain yields.
- Husk cover, grain drydown rates and test weights are average for maturity.

Widely adapted throughout the North Island where this maturity is required.

Recommended growing regions



## Recommended established plant populations (000's/ha)

Challenging yield environments

Medium yield environments High yield environments

9.

105



### Plant and agronomic traits

Drought tolerance	
Stalk strength	8
	7
Root strength	7
Early growth	_
Staygreen	7
	9
Husk cover	5
Grain drydown	_
	5
Grain quality traits	
Grain appearance	•••
Test weight	6
rest weight	5
Hybrid disease ratings	
Northern Leaf Blight	
	8
Common Rust	7

#### Maize Grain Performance Comparisons for P92575

Yield/test weight advantage to the first named hybrid

Pioneer hybrid	Comparison hybrid	Number of trials	Harvest moisture difference (%) <sup>1</sup>	Grain yield advantage (kg/ha)	Statistical significance	Test weight difference (kg/hl)
National						
P92575	Obelix	21	-1.20	3,524	***	-2.51
P92575	P8711	26	-0.95	989	*	-2.85
P92575	P8805	31	-2.54	2,663	***	-0.90
P92575	P9127	48	-1.80	1,743	***	-0.73
P92575	P9400	47	-1.71	932	***	-4.31
P92575	P9650	15	-0.65	-193	NS	-2.06
P92575	PAC119	16	-1.73	1,031	*	-2.34
Waikato						
P92575	Obelix	13	-1.07	2,933	***	-2.34
P92575	P8711	13	-0.79	965	NS	-3.51
P92575	P9127	20	-1.44	1,717	***	-1.38
P92575	P9400	20	-1.29	410	NS	-3.84
P92575	P9650	7	-0.54	-539	NS	-1.62
Lower North Island						
P92575	P8711	7	-2.04	1,337	*	-1.36
P92575	P8805	19	-3.14	3,350	***	-1.03
P92575	P9127	21	-2.62	2,325	***	-0.46
P92575	P9400	21	-2.28	1,572	***	-5.22
P92575	P9650	7	-0.72	323	NS	-2.39
P92575	P9721	15	-1.05	1,245	*	-0.87

#### Yield significance Key

 NS
 No significant yield difference
 ★★
 Highly significant yield advantage

 CA
 Commercially acceptable
 ★★★
 Very highly significant yield advantage

 ★
 Significant yield advantage

<sup>&</sup>lt;sup>1</sup> 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 2023 harvest.** 



For further information contact: Your Area Manager or visit www.pioneer.nz March 2024

