

NEW



## Pioneer® brand Maize Grain hybrid performance information

### Grain CRM 80

#### Dependable early hybrid with strong agronomics.

Similar in type, maturity and management requirements to **P8000** which it replaces.

- **P8086** produced similar yields to **P8333** in Lower North Island trials but has better standability and Northern Leaf Blight resistance.
- Good husk cover, a long cob packed with deep dent grain and fast drydown.
- Moderate in height with low ear placement, strong standability, drought tolerance and staygreen ratings.

A valuable option for Lower North Island and South Island growers, while providing a balance of yield and earliness in northern growing regions.

#### Recommended growing regions



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

Challenging  
yield  
environments

90

Medium  
yield  
environments

100

High  
yield  
environments

115



#### Plant and agronomic traits

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

#### Grain quality traits

|                  |   |
|------------------|---|
| Grain appearance | 6 |
| Test weight      | 5 |

#### Hybrid disease ratings

|                      |   |
|----------------------|---|
| Northern Leaf Blight | 6 |
| Common Rust          | 7 |

## Maize Grain Performance Comparisons for P8086

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(kgDM/ha) | Statistical significance | Test weight difference (kg/hl) |
|---------------------------|-------------------|------------------|--|--------------------------------|--------------------------|--------------------------------|
| <b>Lower North Island</b> |                   |                  |  |                                |                          |                                |
| <b>P8086</b>              | P8000             | 19               | -0.45  | 651                            | ★                        | -1.33                          |
| <b>P8086</b>              | P8240             | 19               | -0.33  | -761                           | CA                       | -0.65                          |
| <b>P8086</b>              | P8333             | 20               | -0.55  | -27                            | NS                       | -0.95                          |
| <b>P8086</b>              | P8532             | 20               | -0.08  | -1,049                         | ★                        | -2.12                          |
| <b>P8086</b>              | P8666             | 20               | -0.46  | -563                           | NS                       | -0.87                          |

### Yield significance Key

NS No significant yield difference  
 CA Commercially acceptable  
 ★ Significant yield advantage

★★ Highly significant yield advantage  
 ★★★ Very highly significant yield advantage

<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 2024 harvest.



For further information contact:  
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