



## Pioneer® brand Maize Grain hybrid performance information

### Grain CRM 83

#### Highly Productive for cooler regions.

A tall plant with a long ear, good husk cover, supported by strong all-round agronomics, superior drought tolerance and staygreen.

- Fast drydown and very good test weight.
- While slightly earlier than **P8666** it has similar in-paddock appearance.
- A tall leafy plant so established plant populations should be at least 5,000 per hectare less than applied for **P8240**.

Delivers similar grain yields to **P8086** in the cooler regions of the Lower North Island and South Island.

#### 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> | 5 |
| Early growth      | <div><div></div></div> | 8 |
| Staygreen         | <div><div></div></div> | 7 |
| Husk cover        | <div><div></div></div> | 6 |
| Grain drydown     | <div><div></div></div> | 7 |

#### Grain quality traits

|                  |                        |   |
|------------------|------------------------|---|
| Grain appearance | <div><div></div></div> | 7 |
| Test weight      | <div><div></div></div> | 7 |

#### Hybrid disease ratings

|                      |                        |   |
|----------------------|------------------------|---|
| Northern Leaf Blight | <div><div></div></div> | 5 |
| Common Rust          | <div><div></div></div> | 6 |

## Maize Grain Performance Comparisons for P8333

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 &amp; South Island</b> |                   |                  |                                              |                                |                          |                                |
| <b>P8333</b>                                 | P8086             | 14               | 0.29                                         | <b>-417</b>                    | <b>NS</b>                | 1.42                           |
| <b>P8333</b>                                 | P8240             | 33               | 0.30                                         | <b>-666</b>                    | ★                        | 1.25                           |
| <b>P8333</b>                                 | P8666             | 60               | 0.40                                         | <b>-401</b>                    | ★                        | 1.48                           |
| <b>P8333</b>                                 | P8711             | 27               | 1.29                                         | <b>-1,806</b>                  | ★★★                      | 1.36                           |
| <b>P8333</b>                                 | P9091             | 11               | 0.79                                         | <b>-1,297</b>                  | ★★                       | 0.62                           |

### 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 2026 harvest.**



For further information contact:  
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 Or visit [www.pioneer.nz](http://www.pioneer.nz)  
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