AGRONOMY RESEARCH INFORMATION

PIONEER agronomy

P18380 / P18380PW

VRM: 118
Days to 50% flower: 65 to 76 (DAP)
HU to 50% flower: 650 to 772 (DAP)
Physiologically ripe: 115 to 130 (DAP)

Recommendation: The PowerCore™ version should be planted with a refuge area.

- New exciting yellow hybrid in the medium-short growing season class.
- Available as a conventional hybrid and in the new PowerCore™ technology.
- Has excellent stable yield potential for the eastern production regions.
- A single-headed hybrid with a fixed ear.
- Well adapted to plant populations of between 30,000 and 60,000 plants per hectare.
- Has very good stability and wide adaptability to all potential soils.
- Good foliar and head disease package.
- Also has a very nice and strong root system.
- A large-frame plant that is very similar to P1788 and therefore also serves as an excellent replacement for the P1788 platform.
- Dries quickly.
- Very nice and large kernel, which has a high bushel mass.
- Thin stalk with kernel that is placed deep.

IMPORTANT AGRONOMIC CHARACTERISTICS

- Standability
- Yield potential
- Prolificacy
- Ear placement
- Drought tolerance
- Dry-off
- Productive tillers

Good · Average · Poor · No data

Prolificacy index	1,0 – 1,13
Seedling vigour	S
Standability	S
Plant height (m)	2,16 – 2,31
Ear height (m)	1,12 – 1,27
Plant-ear (PE) ratio (%)	51 – 58%
Productive tillers (%)	16 – 48%
Hectolitre mass (kg/hl)	74 – 78
Number of leaves	19 / 20
Number of rows on ear	18+
Tassel colour	Pink
Silk colour	Red
Cob colour	White

DISEASE TOLERANCE

- Common rust
- Grey leaf spot
- Northern leaf blight
- Stem and root rot
- Ear and tassel smut
- *Fusarium* ear rot
- *Diplodia* ear rot
- *Gibberella* ear rot
- Goss' Bacterial Wilt

High · Average · Low · No data

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