



# Suzuka

## Winter Feed Barley

Parentage: Hurricane x Leonie  
Status: HGCA Recommended List 2010/11

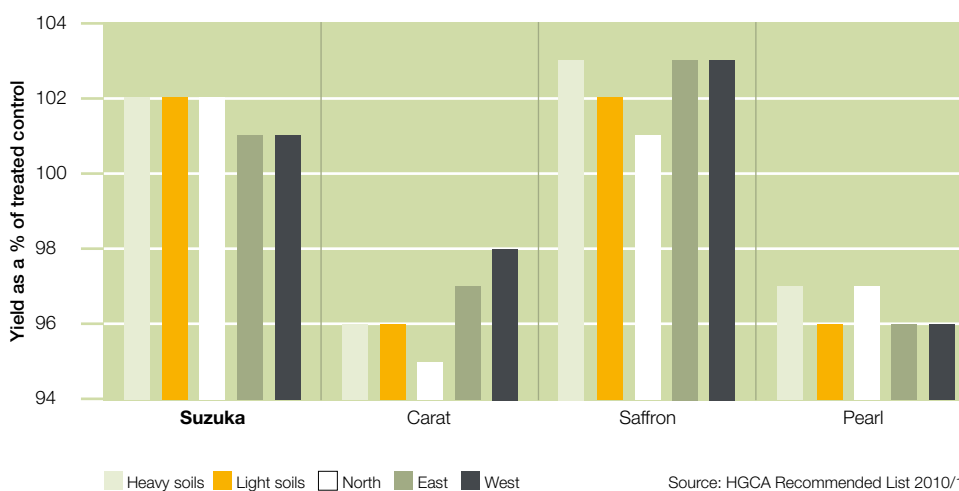
## High yielding 2-row winter feed barley

### Yield potential

Suzuka is a high yielding 2-row feed barley with outstanding disease resistance and grain characteristics.

Variety	UK treated yield % (8.6 t/ha)	UK untreated yield %
Suzuka	101	85
Carat	97	79
Saffron	103	83
Pearl	96	79

Source: HGCA Recommended List 2010/11



Source: HGCA Recommended List 2010/11

# SUZUKA

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APRIL 2010

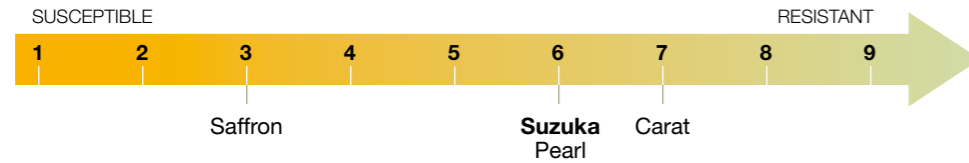
TM

## Disease resistance

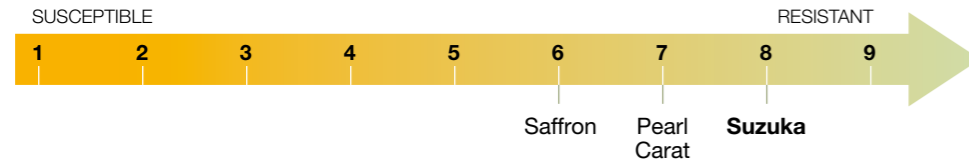
Suzuka has an outstanding disease resistance profile, including resistance to both barley mild and barley yellow mosaic virus and also has an exceptional 8 rating for Rhynchosporium.

### Disease resistance ratings

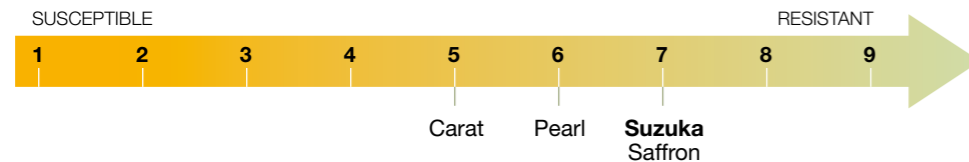
#### Mildew



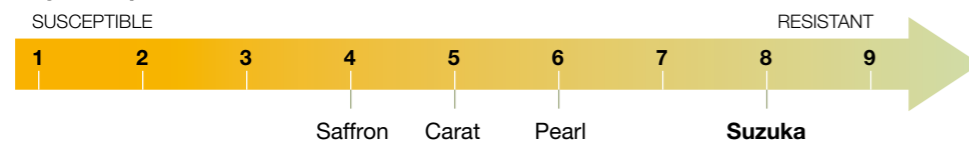
#### Yellow rust



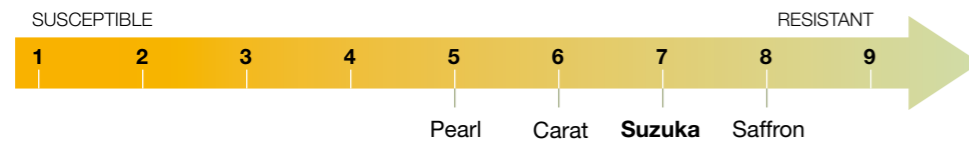
#### Brown rust



#### Rhynchosporium



#### Net blotch



Source: HGCA Recommended List 2010/11

## Fungicide use

Always consult your agronomist and adapt programmes to local conditions.

T0 – Only needed in extremely high risk disease pressure situations.

T1 – The use of Bontima at T1 will provide clean, stress-free lower green leaves to build yield potential.

T2 – Bontima at T2 gives outstanding protection against disease and leaf spotting for green leaf retention, securing yield potential and increasing quality by driving grain size and grain fill.

### CORE PROGRAMME

T0 – Morpholine (only needed in high risk disease pressure situations)

T1 – Bontima 1.6 lt/ha

T2 – Bontima 1.6 lt/ha

BONTIMA® is a next generation fungicide, specifically designed for disease control in barley.

## Agronomic information

Suzuka has an excellent agronomic profile with tall, stiff straw and early maturity.

Variety	Resistance to lodging	Straw height (cm)	Ripening (+/- Pearl)
Suzuka	8	90	-2

Source: HGCA Recommended List 2010/11

## Growth habit

Over winter: Semi-prostrate

Tillering ability: Medium

Spring vigour: Medium

Maturity: Early

## Drilling dates

Suitability for early drilling: Good

Optimum drilling date: Late September

## Recommended sowing rates

Seed rates are dependent on soil conditions at the time of drilling: the more difficult the environment, the higher the seed rate must be to compensate for potential plant loss. The table below shows the number of seeds per square metre that should be planted in good conditions.

	September	October	November	December
Seeds/m <sup>2</sup>	300-350	325-375	350-425	425

This table should always be used in conjunction with thousand grain weight of the seed to calculate the seed rate.

## Nitrogen application

Suzuka has good lodging resistance, so will benefit from high amounts of nitrogen, however a managed approach according to site fertility needs to be taken into account.

In a second cereal situation, Syngenta Seeds recommends 170 kg/ha N with a split dressing of 50% mid-March, and 50% during mid-April. These figures are for guidance purposes only. You must work with your agronomist when calculating nitrogen rates and timings, taking into consideration end market requirements and the fertility of the field. You should also work within any Defra guidelines / restrictions.

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## PGRs

Suzuka has very good lodging resistance, but PGRs can be used to promote root development and even the crop.

Syngenta Seeds recommends the use of Moddus plus a chlormequat-based product at GS31.

A second PGR is unlikely to be needed.

Advised rates:

GS30-31 – Moddus 0.2 lt/ha + chlormequat 1.25 lt/ha at onset of stem extension.

GS37 – If required, should be ethephon based.

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## Quality

**Specific weight:** 69.5 kg/hl

**Screenings % through 2.25mm:** 2.4%

**Screenings % through 2.5mm:** 7.3%

Source: HGCA Recommended List 2010/11

Source: HGCA Recommended List 2010/11 – the full database can be consulted at [www.hgca.com](http://www.hgca.com)  
On the 1-9 scales high figures indicate that a variety shows the character to a high degree (e.g. high resistance).

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