



## TECHNICAL AND MARKETING GUIDE

- Very high yielding soft milling variety
- Excellent all round disease resistance
- Good first, second and continuous wheat
- Particularly suitable for lighter soil types and late autumn sowing
- Proven performance in organic and low input systems



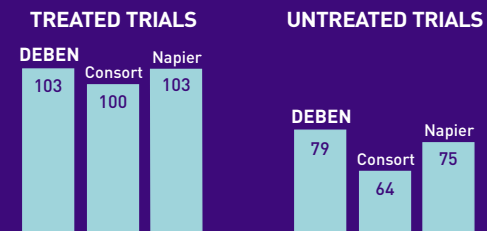
## SUMMARY

Deben is a consistent, very high yielding, soft milling Group 3 variety with excellent all round disease resistance. An ideal second/continuous wheat, Deben is also well suited to lighter soil types and late autumn drilling. High yields have also been recorded in untreated and organic trials.

## PEDIGREE

(Hunter x Buster) x Wasp

## VERY HIGH YIELDS



## REGIONAL TREATED TRIALS

	DEBEN	Consort	Napier
NORTH	108	105	107
EAST	105	101	105
WEST	106	102	105

Deben has produced consistently high yields across all regions throughout the UK.

## HIGHEST YIELDING SECOND AND CONTINUOUS WHEAT

### % TREATED YIELD

	DEBEN	Consort	Napier
First cereal treated	103	100	102
Second/continuous treated	104	100	104

Deben has produced the highest yields in the demanding second/continuous wheat situation in HGCA trials.



## IDEAL FOR LATE AUTUMN DRILLING

	DEBEN	Consort	Napier
% treated yield	106	101	102

Deben is the highest yielding variety for drilling in late autumn.

## EXCELLENT VARIETY FOR LIGHTER SOIL TYPES

	DEBEN	Consort	Napier
% treated yield	105	100	102

## AGRONOMIC CHARACTERS

	DEBEN	Consort	Napier
Resistance to lodging with PGR	6	9	7
Height without PGR (cm)	95	87	85
Ripening (days +/- Claire)	+1	+2	+1
Resistance to sprouting	5	5	5

Deben has moderate standing power and is not suited for early drilling. The optimum drilling time for Deben is the end of September/early October which coincides with the peak drilling period for the majority of the UK.

## EXCELLENT DISEASE RESISTANCE

	DEBEN	Consort	Napier
Yellow rust	9	5	3
Brown rust	5	4	9
<i>Septoria nodorum</i>	7	5	6
<i>Septoria tritici</i>	6	4	5
Mildew	6	6	7
<i>Fusarium</i> ear blight	6	6	5
Eyespot	6	7	4

Deben has excellent resistance to yellow rust and *Septoria*, which are potentially the most damaging diseases. Deben is particularly suited to situations where reductions in fungicide are being considered.



## GOOD GRAIN QUALITY

	DEBEN	Consort	Napier
NABIM group	3	3	4
Endosperm texture	Soft	Soft	Hard
Protein content %	11.1	11.5	11.4
Hagberg falling number	204	224	153
Zeleny volume	26.1	21.5	21.6
Specific weight (kg/hl)	76.4	77.3	75.9

Deben is a Group 3 variety but has different rheological properties to Claire and Consort, it should therefore be stored separately if premiums over feed are being sought.

## HUSBANDRY GUIDELINES

- Sow Deben from late September onwards. Not suitable for very early drilling. Latest safe sowing date, mid-February.
- Seed rates should be similar to Claire (200 to 275 per square metre for late September depending on seed bed conditions). Increase seed rates for later sowings and for adverse conditions.
- Apply up to 250kg N per ha. Avoid early applications unless essential. Apply two thirds at 'terminal spikelet' with remainder approximately 4 weeks later.
- Excellent disease resistance offers opportunities to target specific problems and reduce overall fungicide inputs. Deben is particularly resistant to *Septoria spp* and Yellow Rust. Mildew and Brown Rust may require closer monitoring.
- Use CCC based growth regulators routinely.
- Store Deben separately after harvest if possible.

For your free, detailed 28 page Deben husbandry booklet, please contact the **Marketing Department** at:

**Nickerson (UK) Ltd**, Rothwell, Market Rasen,  
Lincolnshire, LN7 6DT. Tel: 01472 370105,  
e-mail: [enquiries@nickerson.co.uk](mailto:enquiries@nickerson.co.uk)

All data from 2003 HGCA Recommended List except where stated - the full HGCA Recommended List Database can be consulted at <http://www.hgca.com>



**Nickerson (UK) Ltd**,  
Rothwell, Market Rasen,  
Lincolnshire, LN7 6DT. England.

**Tel:** 01472 371471 **Fax:** 01472 371386

**Email:** [enquiries@nickerson.co.uk](mailto:enquiries@nickerson.co.uk)

**Website:** [www.nickerson.co.uk/deben.html](http://www.nickerson.co.uk/deben.html)