spring barley

STATIC

HIGH YIELDING FEED SPRING BARLEY

High yielding feed spring barley

Parentage: Landlord x Cork

Status: HGCA Recommended List 2006 and SAC Recommended List 2006

Yield Potential

North, South, East and West, wherever you are in the country, Static yields are outstanding year in year out. With its good all round disease resistance, Static has a good untreated yield figure.

Variety	UK Treated Yield % (6.8 t/ha)	UK Untreated Yield %
STATIC	**100**	**89**
Riviera	99	89

Source: HGCA Recommended List 2006

North East (7.0 t/ha)	North West (6.7 t/ha)	East - Dry (6.8 t/ha)	West - Wet (6.7 t/ha)
STATIC (99%)	**STATIC (100%)**	**STATIC (100%)**	**STATIC (101%)**
Riviera (100%)	Riviera (102%)	Riviera (97%)	Riviera (98%)

Source: HGCA Recommended List 2006

Disease Resistance

Static has exceptional resistance to mildew plus very good resistance to brown rust and BYDV. Static has reasonable resistance to Rhynchosporium, however a specific treatment may be required in high-risk situations.

Variety	Mildew	Yellow Rust	Brown Rust	Rhynchosporium	BYDV
STATIC	**9**	**5**	**7**	**5**	**(8)**
Riviera	8	5	5	5	5

Source: HGCA Recommended List 2005. ( ) NFC Figure

Fungicide Use

Getting early to mid season agronomy right is crucial to establishing a healthy crop.

T0 - The T0 spray prevents diseases gaining a foothold in long growing seasons or where disease pressure is high. The use of Unix helps keep Rhynchosporium and mildew at bay.

T1 - T1 timing is key for protecting the canopy during the plants main burst of growth. Advanced Unix + Acanto provides broad spectrum disease control. Consider using triazole for curative Rhynchosporium control when a T0 has not been used in an extremely high disease pressure year.

T2 - Managing late season plant health is also vitally important to ensure a healthy harvest. This is the time to protect grain fill. Awns and green leaf areas are key targets. Strobilurins protect against foliar diseases. Chlorothalonil has demonstrated control of biotic and abiotic spotting.

CORE PROGRAMME

T0 - Unix and Tern (should be used where Rhynchosporium disease pressure is high)

T1 - Acanto and Unix

T2 - Amistar Opti + Triazole

Agronomic Information

A reliable variety with very good overall agronomics. Static is medium maturing with excellent straw length, top standing power and excellent resistance to ear loss, making it an easy to grow, cost effective variety.

Variety	Standing Power	Straw Height (cm)	Ripening (+/- Optic)	Resistance to Brackling
STATIC	**9**	**76**	**-1**	**7**
Riviera	7	82	-2	8

Source: HGCA Recommended List 2006

Growth Habit

Early Spring - Semi prostrate with very fast establishment

Maturity - Medium

Tillering ability - Medium – high

Drilling Dates

Suitability for early drilling - Good

Suitability for late drilling (April) - Very good

Optimum drilling date - February – March

Recommended Sowing Rates

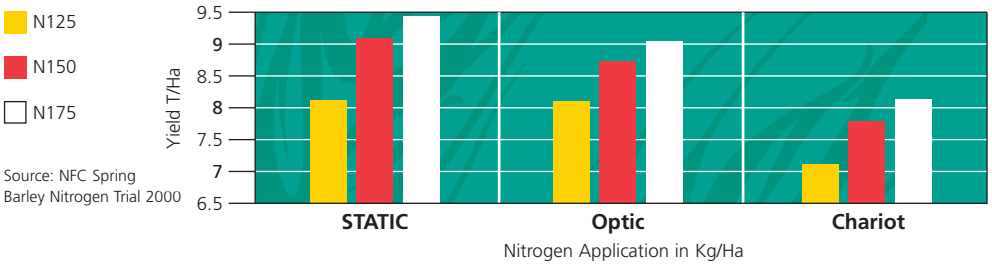
Seed rates are dependent on soil conditions, rotation and the time of drilling: the more difficult the environment the higher the seed rate must be to compensate for potential plant loss. The table below shows the suggested number of seeds per square metre that should be planted under good conditions.

	Dec/Jan	February	March	April
ENGLAND	350	350-375	350-375	375-425
SCOTLAND	375-425	375-425	375-425	400-450

The chart above should always be used in conjunction with the thousand-grain weight of the seed to calculate the sowing rate.

Nitrogen Application

When growing feed spring barley crops, it is important to have high nutrient supply, as a base apply 10 – 15% extra than an Optic crop grown for malting. Seed bed applications are not so important for feed varieties and therefore Nitrogen should be a split dose of 50% at GS 11/12 and 50% at GS 21/22.



Source: NFC Spring Barley Nitrogen Trial 2000

PGRs

NFC advise the use on very lush crops or fertile sites. Low rate Moddus (0.1 – 0.2 l/ha) at GS29-30 to stabilise tillers and promote root development.

Quality

Feed variety with excellent quality straw.

Grain Quality

Specific Wt - 68.8 *TGW* - Good

Sieving % through 2.25mm - 2.4%

Sieving % through 2.5mm - 8.0%

Source: HGCA Recommended List 2006

Harvesting Priority

Normal harvest priority - Static has excellent resistance to ear loss, but it is always advisable to harvest the crop in the best condition as soon as moisture is correct.

NFC NEW FARM CROPS

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