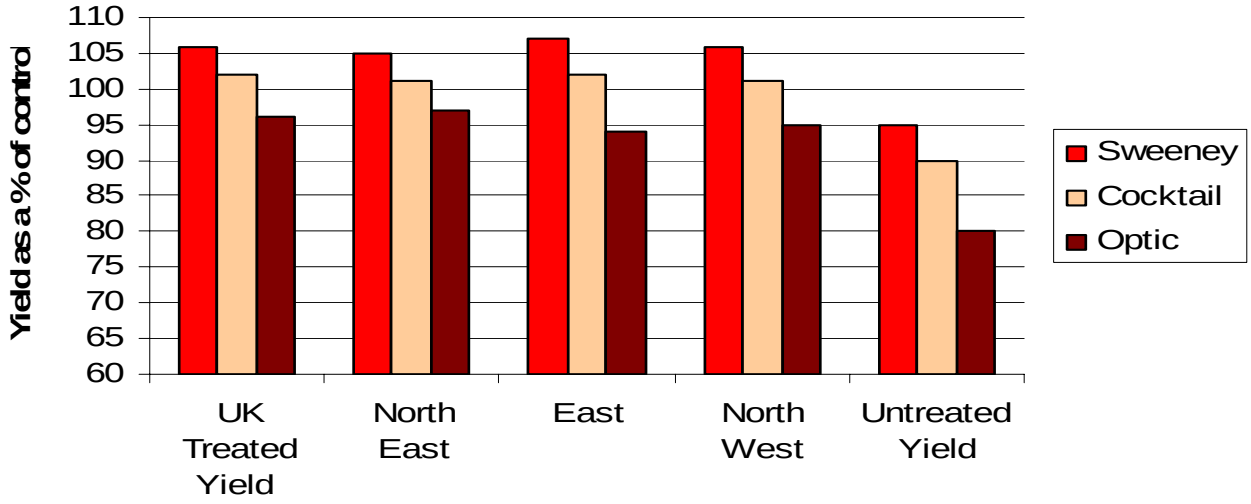
High yielding, spring malting barley

Parentage: Wicket x NFC Tipple
Status: HGCA Recommended List 2008

- High yields UK treated yields ~ 106%
- Good all-round disease resistance

Yield



Disease Resistance
Jolika has good all round disease resistance. However a managed fungicide programme is recommended.

Disease Resistance Ratings

	Mildew	Yellow rust	Brown rust	*Rhynchosporium*
Sweeney	**9**	**(4)**	**9**	**5**
Cocktail	7	4	7	5
Optic	5	9	5	4

Fungicide Use:
T0 – Needed in extreme disease pressure situations.

T1 – Key application timing to protect the canopy during the plants' main burst of growth.

T2 – Ensure the crop is healthy at harvest, protecting the grain fill and green leaf areas, vital for maintaining grain quality.

Core programme:

T1 – Kayak + Triazole GS30 (will give control of a broad spectrum of disease)

T2 – Amistar Opti + Triazole GS39-45 (protection against foliar disease and control of biotic and abiotic spotting)

Agronomic Information

	Resistance to lodging	Straw height (cm)	Ripening (+/- Optic)	Resistance to brackling
Sweeney Spring Malting Barley	8	69	(0)	7

Growth Habit
Early Spring – Intermediate
Tillering ability – Medium
Maturity – Medium

Drilling Dates
Sweeney is suitable for early or late drilling

Optimum drilling date is January – February

Recommended Seed Rates

Dec/Jan	February	March	April
325	325	350	350-375

Sowing rates should always be used in conjunction with the TGW of the seed and environmental conditions.

Nitrogen Application

Varieties have different optimum nitrogen rates, therefore balancing N inputs to end market, variety and season is key.
Ensure you have checked levels with your contract and end market.

In most situations the recommended amount of N for Sweeney would be:

120-150kg/ha

- To achieve higher grain N, suitable for European export, application can be delayed with no detrimental effect to grain size of quality.

PGR's
Not normally required, however NFC advises their use on lush crops or very fertile sites. In these cases use low rate Moddus (0.1-0.2l/ha) at GS29-30 to stabilise tillers and promote root development.

Grain Quality
Specific weight – 67.8kg/hl
Sieving % through 2.25mm – 2.8
Sieving % through 2.5mm – 7.6
Nitrogen content – 1.48N

Sweeney produces inherently low grain nitrogen.

Harvesting
Normal priority – it is always advisable to harvest the crop in the best condition as soon as moisture is correct. As with all malting barleys, the variety should be kept separate to prevent contamination and obtain the maximum premium from the end product.

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