

# **Cereal varieties for 2010**

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**SAC**

# Outline

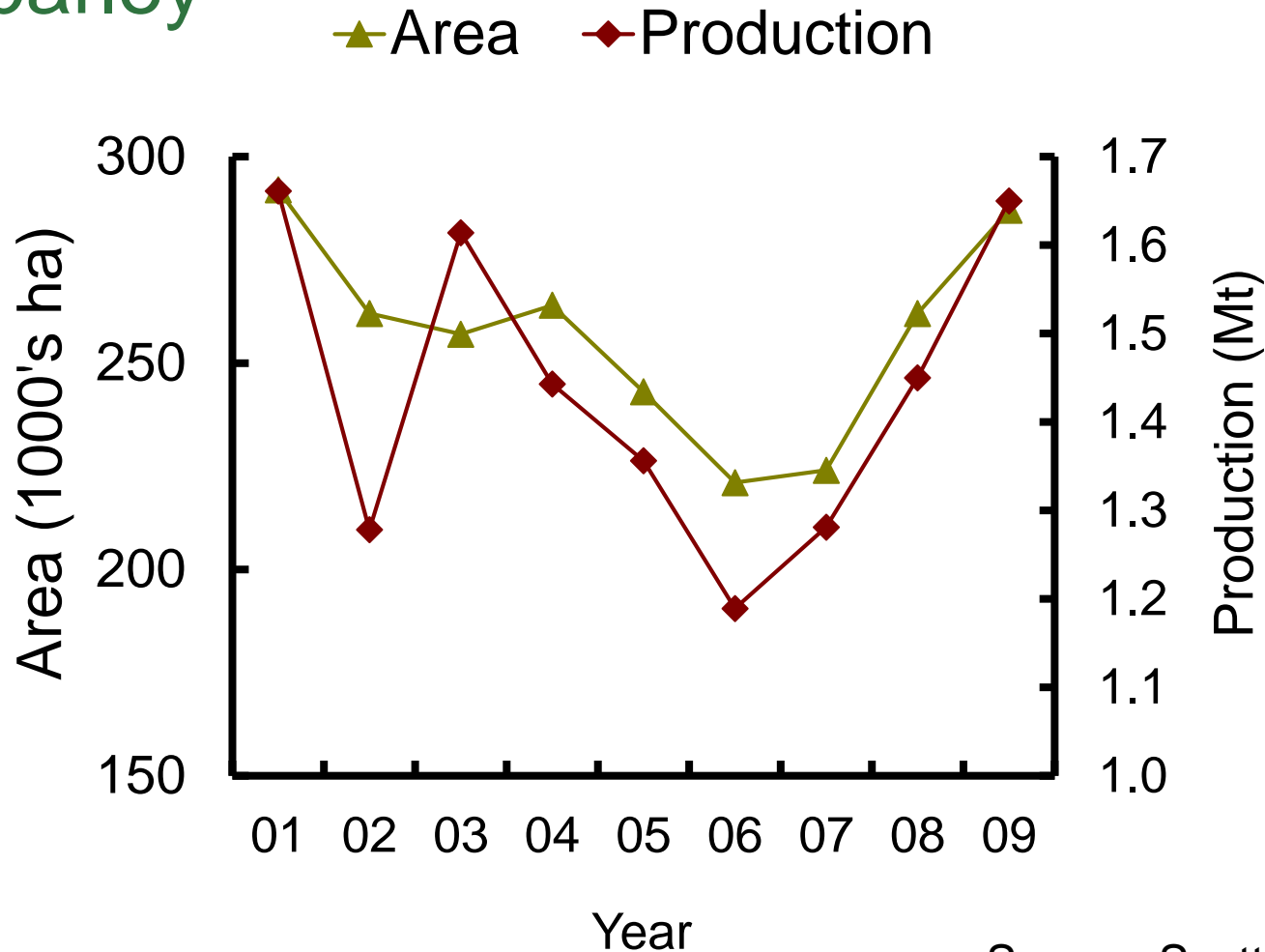
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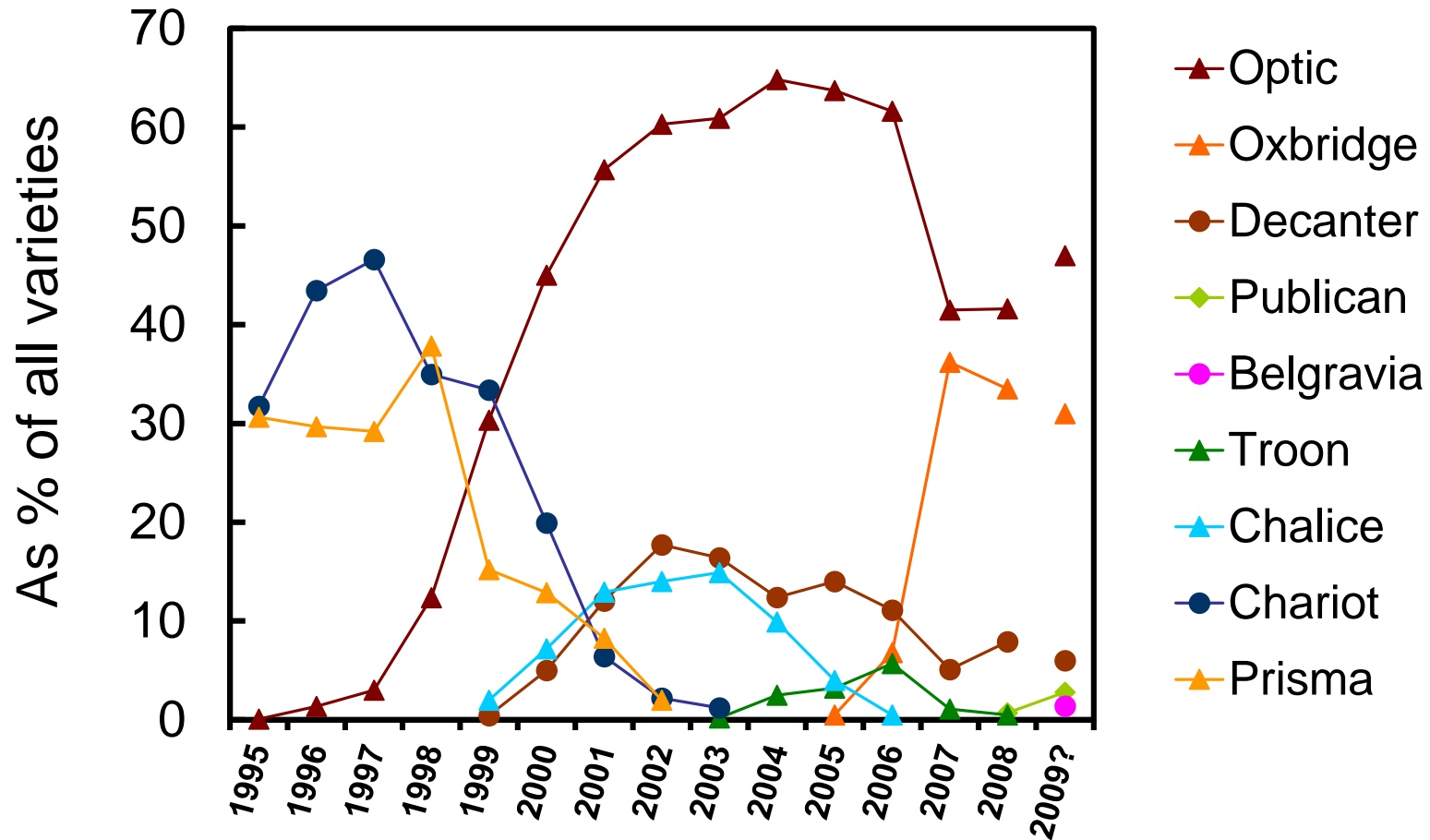
- Spring barley review and choices for 2010
- Winter barley – what's new on the RL?
- Winter wheat – what's new on the RL?
- Variety issues – local and global perspectives

# Harvest report – 2009

## Spring barley



# Changes in maltsters intake



# IBD Approved List – spring barley



## Market

Variety	Breeder	Year listed	Use	NE yield	UK uT yield
Optic	Syn	95	B & D	97	80
Oxbridge	Nick	05	D	97	88
Belgravia	Nick	08	D & GD	100	94
Publican	Syn	07	D (& B)	103	94
Decanter	Nick	99	GD (& D)	94	85

Source: HGCA & IBD

# IBD Approved List – spring barley



## Agronomy

Variety	Ripening	Brack'	Lodg'	Rhynch	Mildew	GLA
Optic	0	5	7	4	5	6
Oxbridge	0	8	8	7	7	6
Belgravia	0	7	7	8	9	8
Publican	+1	7	7	7	9	5
Decanter	-1	8	8	6	9	8

Source: HGCA

# New malting spring barley varieties



## Market

Variety	Breeder	Year listed	Use	IBD status	NE yield	UK uT yield
Optic	Syn	95	B & D	Full	97	80
Oxbridge	Nick	05	D	Full	97	88
Concerto	Nick	09	B & D	Prov 1	103	92
Forensic	Syn	09	D & GD (& B)	Prov 1	103	85
Propino	Syn	10	B	in tests	107	97

Source: HGCA & IBD

# New malting spring barley varieties



## Agronomy

Variety	Ripening	Brack'	Lodg'	Rhynch	Mildew	GLA
Optic	0	5	7	4	5	6
Oxbridge	0	8	8	7	7	6
Concerto	0	7	7	4	8	5
Forensic	0	8	7	5	4	4
Propino	-1	8	7	7	8	6

Source: HGCA



# Feed spring barley – options for 2010



## Yield

Variety	Breeder	Year listed	NE yield	NW yield	Uk uT yield
Waggon	Syn	05	107	109	92
Riviera	RAGT	95	97	97+	89
Westminster	Nick	05	101	102	94
Quench	Syn	07	105	105	94
Propino	Syn	10	107	-	97
Garner	Syn	10	107	-	97

Source: HGCA

# Feed spring barley – options for 2010

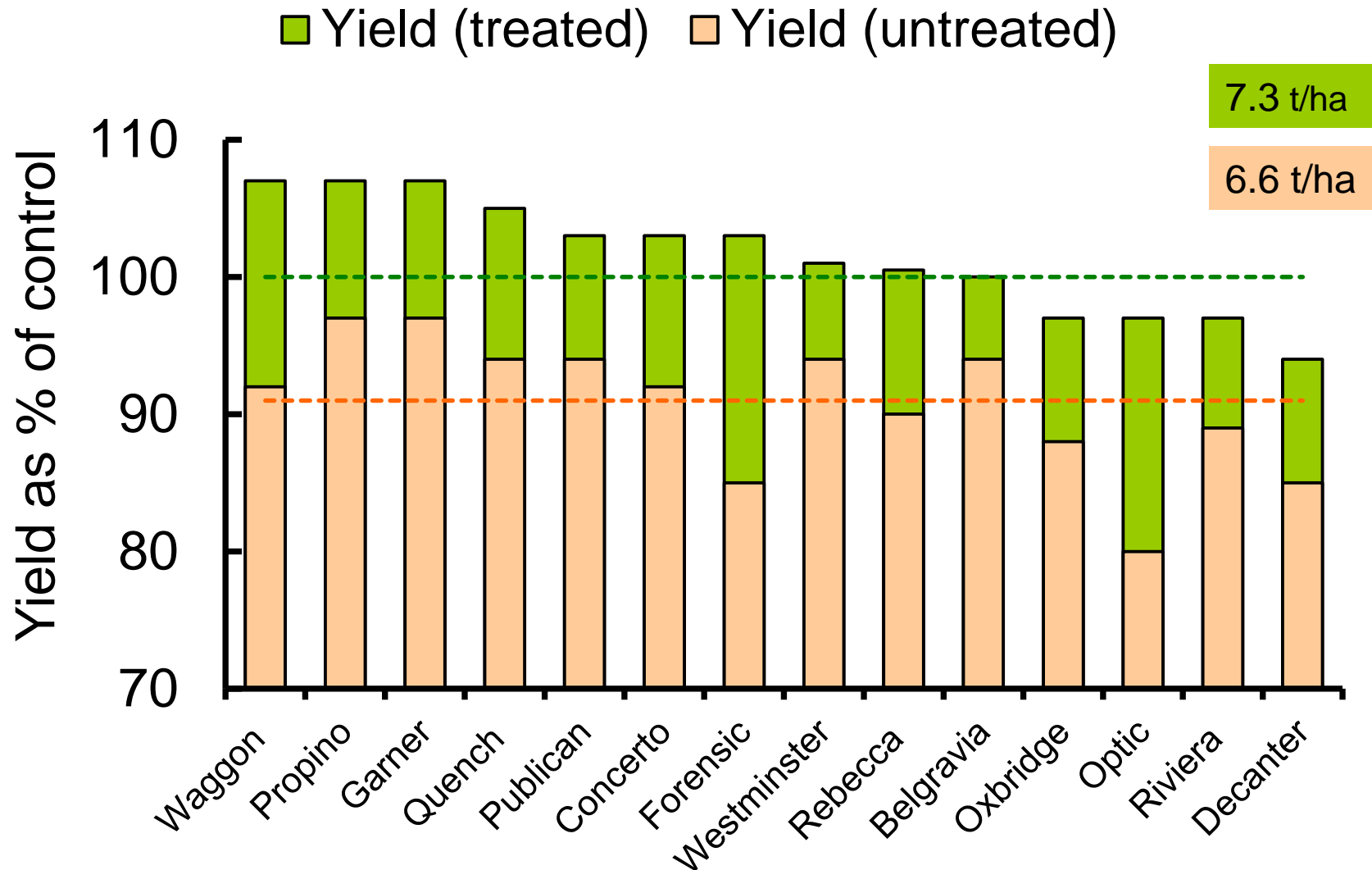


## Agronomy

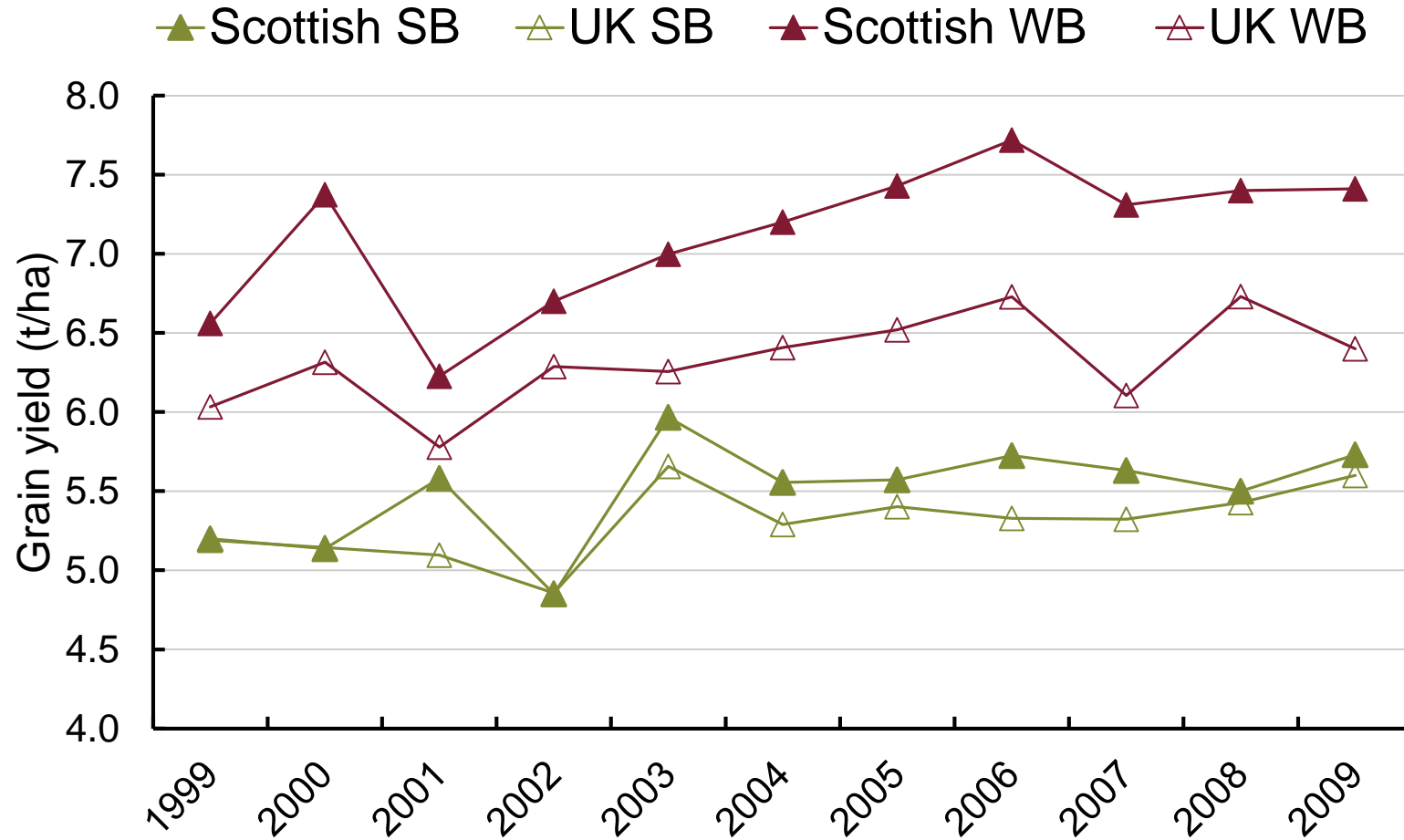
Variety	Ripening	Straw L	Lodg'	Brack'	Rhynch	Mildew
Waggon	-1	75	8	8	3	9
Riviera	-1	80	6	7	5	8
Westminster	+1	84	6	6	8	9
Quench	0	72	8	8	8	9
Propino	-1	78	7	8	7	8
Garner	0	76	7	8	7	9

Source: HGCA

# Spring barley – protecting yield

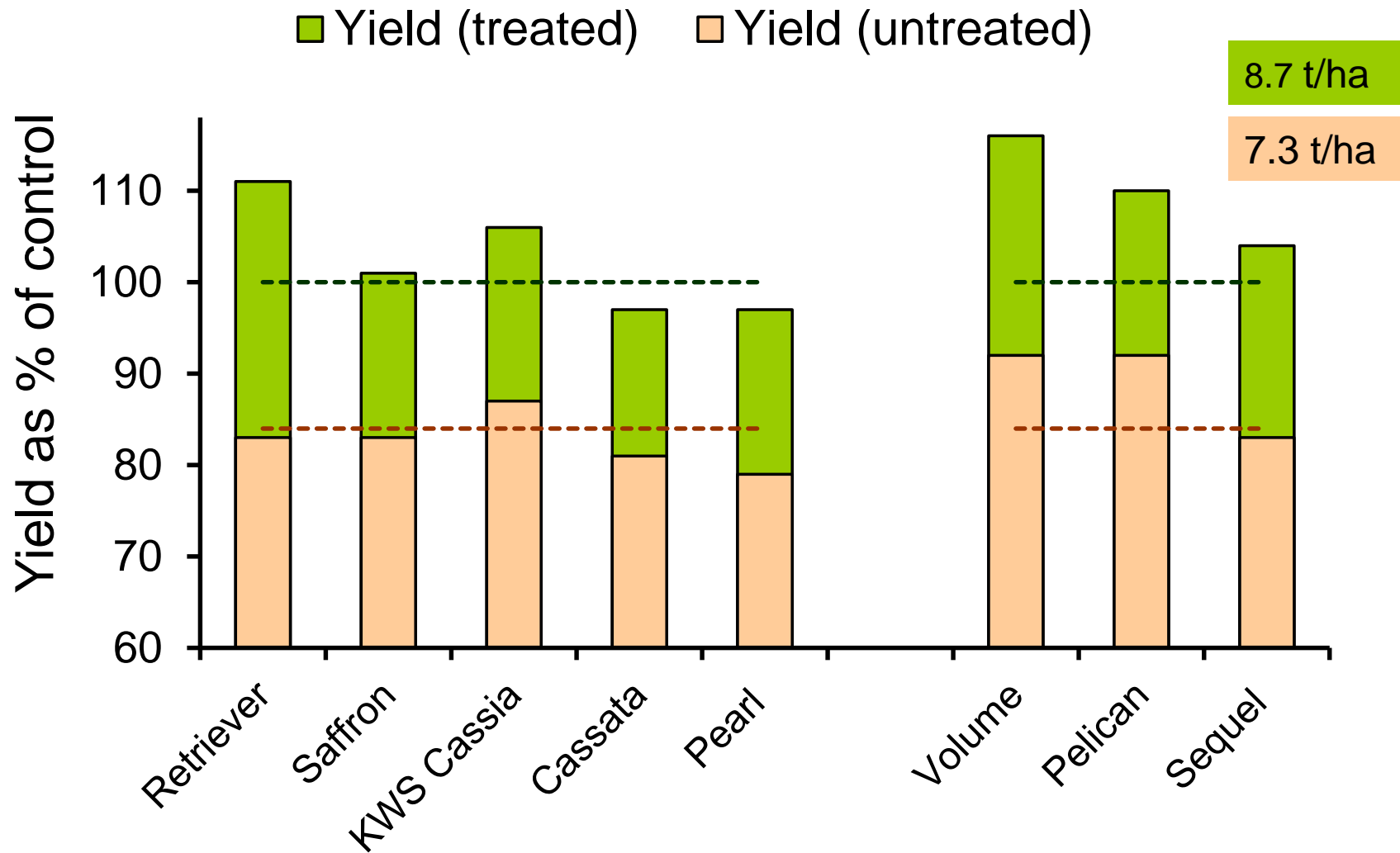


# Barley yields – site and season effects



Source: Defra / Scottish Government

# Winter barley varieties



# Winter barley – New for 2010/11

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## KWS Cassia

High yielding 2-row feed, 5% above Saffron. Good specific weight. Earlier than Saffron with better mildew resistance. Weak for *Rhynchosporium*.

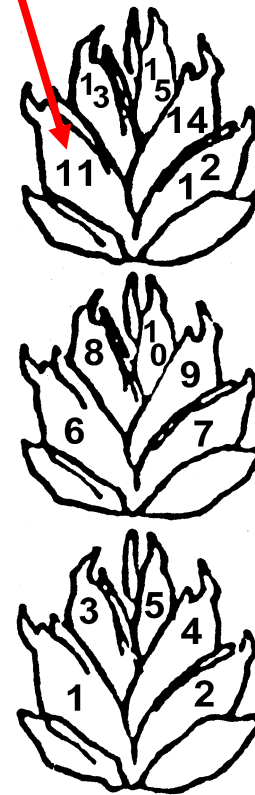
## Winsome and Purdey

Two new brewing varieties. Specific recommendations. Scottish market already has Pearl and Cassata. Both yield below the feed winter barleys.

# Flowering in wheat

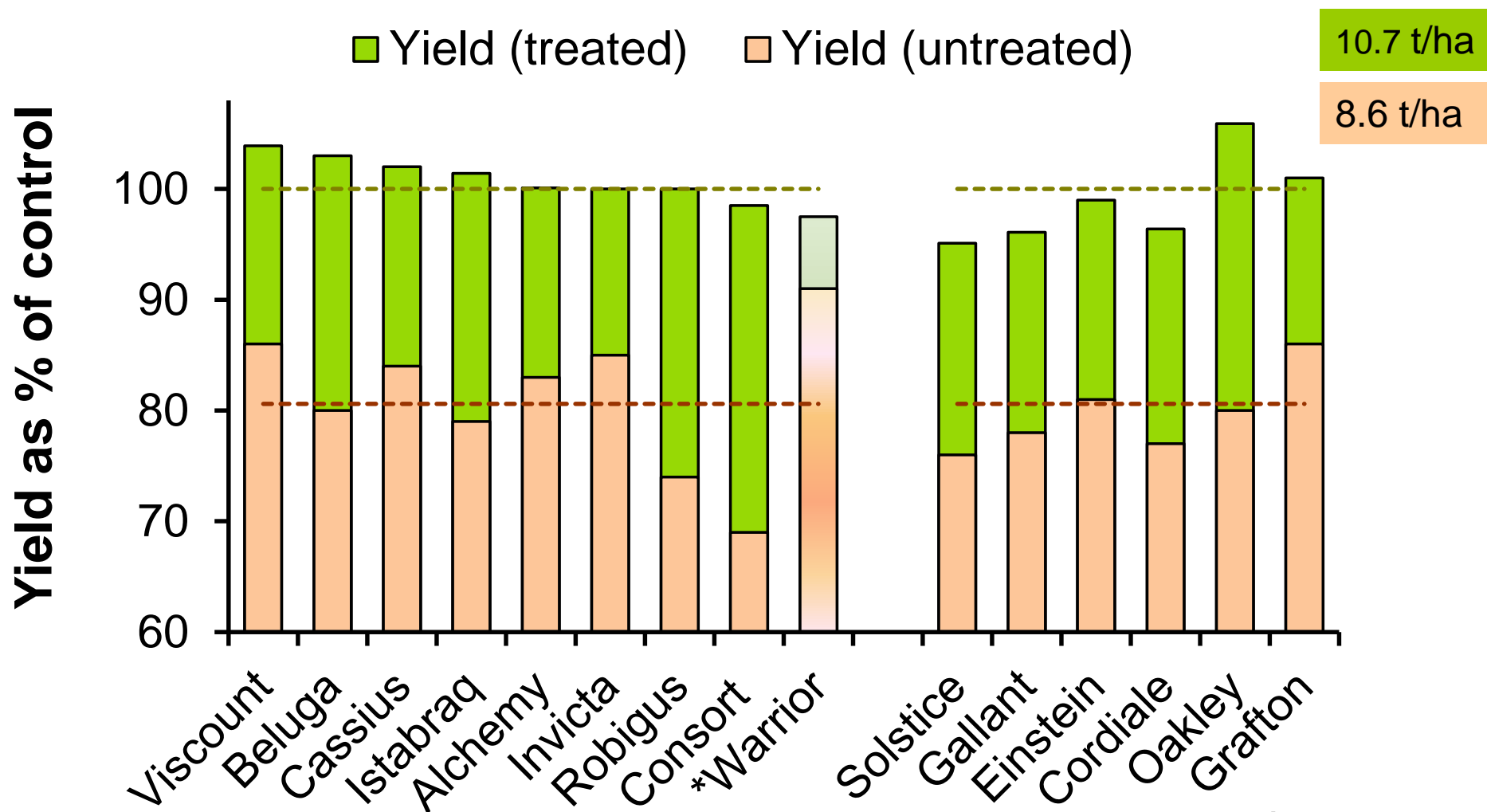


**Floret**



**Spikelet**

# Winter wheat varieties



\* UK / North yield

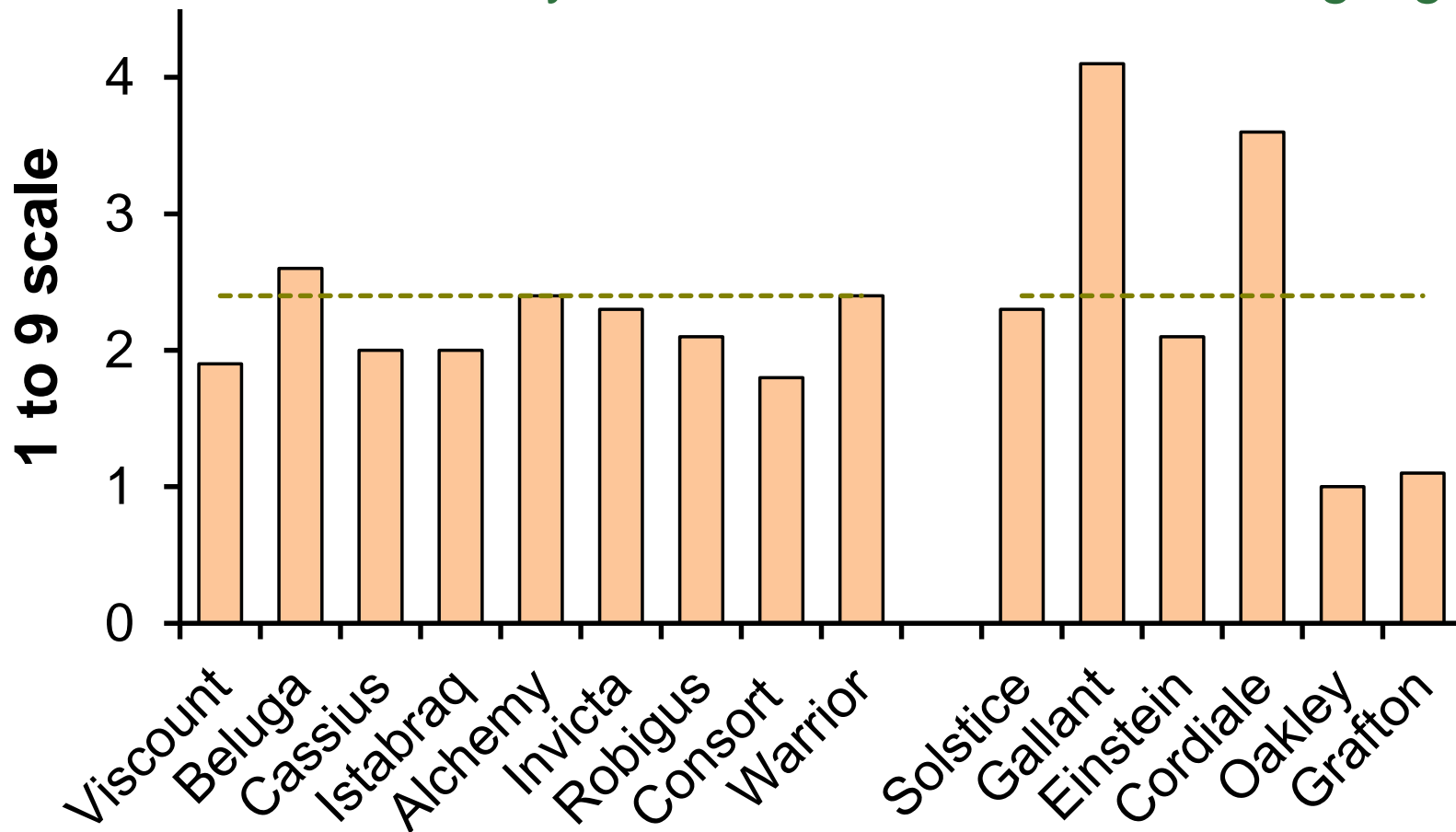


# Winter wheat varieties – ear sterility



Two HGCA RL trials 2009.

Scores: < 2 = no sterility; 2-4 low levels; > 4 becoming significant



# Winter wheat – New for 2010/11



## Invicta

nabim Group 3 variety. Yield slightly down in North region. Promising for biscuit making and medium for distilling. Moderate disease resistances, but good against rusts. Late maturity. Good straw stiffness with PGR.

## Beluga

nabim Group 4. Good yield. Graded good for distilling. Not for biscuit making. Low untreated yield. Very stiff straw.

## KWS Sterling

nabim Group 2 variety. Too early to judge. Yield down in North. Variable protein.

## Kingdom

nabim Group 2 variety. Disappointing yield in North. Variable protein.

## Warrior

A specific recommendation for growers wanting a nabim Group 3 variety with good disease resistance. Very poor for distilling. Poor yield in North.

# Other changes on HGCA Lists 2010/11



- Oilseed Rape:
  - No new recommendations for North region
  - Four of the harvest 2009 candidates have been re-sown
  - Two varieties NK Victory (North) & Toccata (UK) removed from List

SAC List due out in February

Contact: Peter Shipway [peter.shipway@sac.co.uk](mailto:peter.shipway@sac.co.uk)

- Winter oats:
  - Balado a new semi-dwarf: high yielding, very stiff straw. Low kernel content, but some milling interest

# Summary

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- Spring barley:
  - Optic remains important in 2010. Oxbridge down.
  - Increasing use of Belgravia, Concerto and Forensic
  - For feed – compare with Waggon
- Winter barley: Consider yield and specific weight – KWS Cassia looks interesting
- Winter wheat: Potential with Invicta and Beluga
- Local issues: With prices under pressure need a clear market plan
- Wider issues:
  - Need for more reliable/robust varieties
  - Specific variety types? More diversity (choice)?
  - Improved connectivity in the varieties supply chain



**Thank you**

