

# Disease control decisions for 2025.....and beyond



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[www.teagasc.ie/tillagecon25](http://www.teagasc.ie/tillagecon25)

# Difficult septoria conditions in 2024

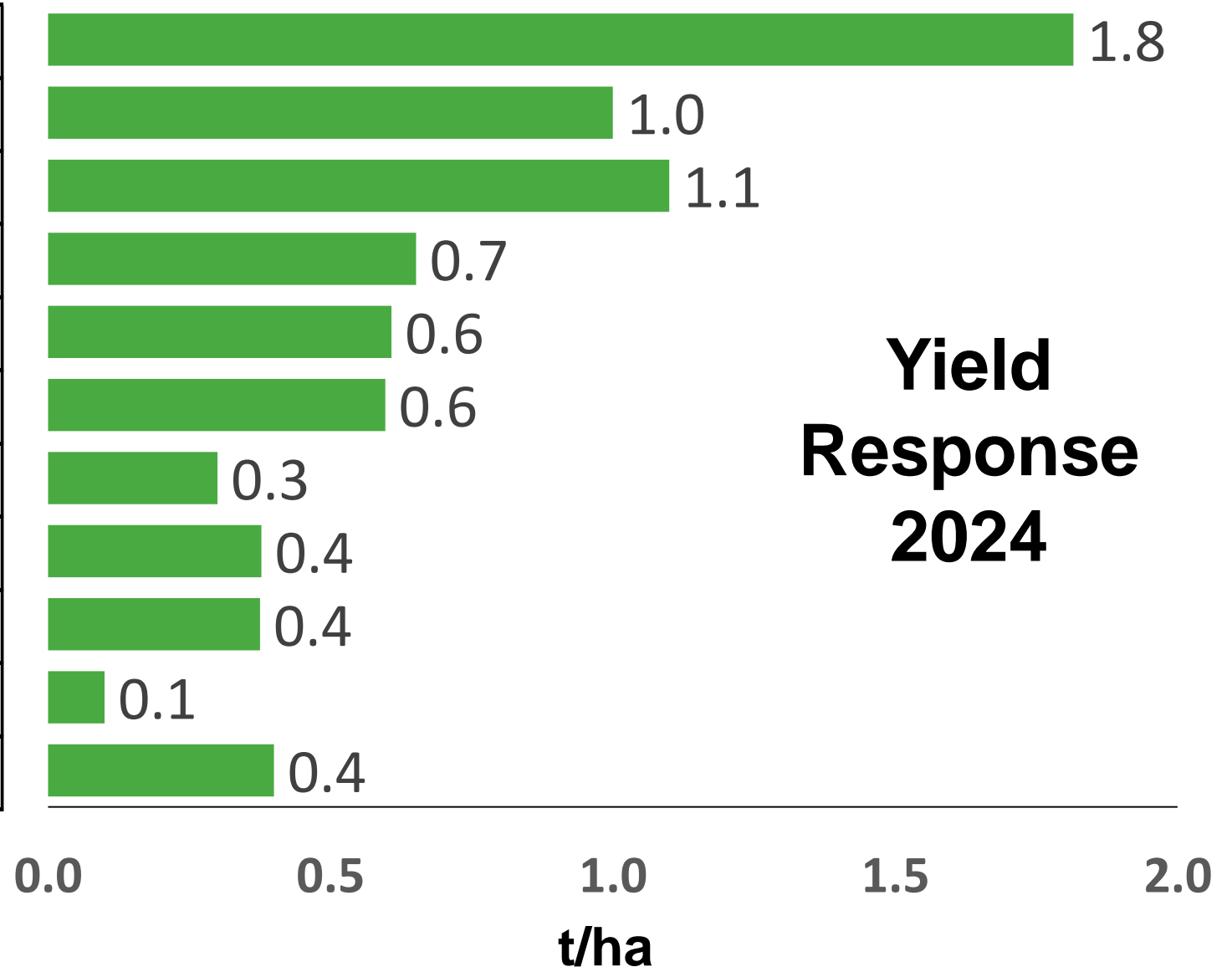


- Wet and mild spring led to high septoria pressures
- Correct fungicide timings were difficult to achieve
- No resistance to Inatreq detected
- Continued evolution of azole and SDHI resistance

# Teagasc Crop Report Wheat fungicide Star Rating 2025

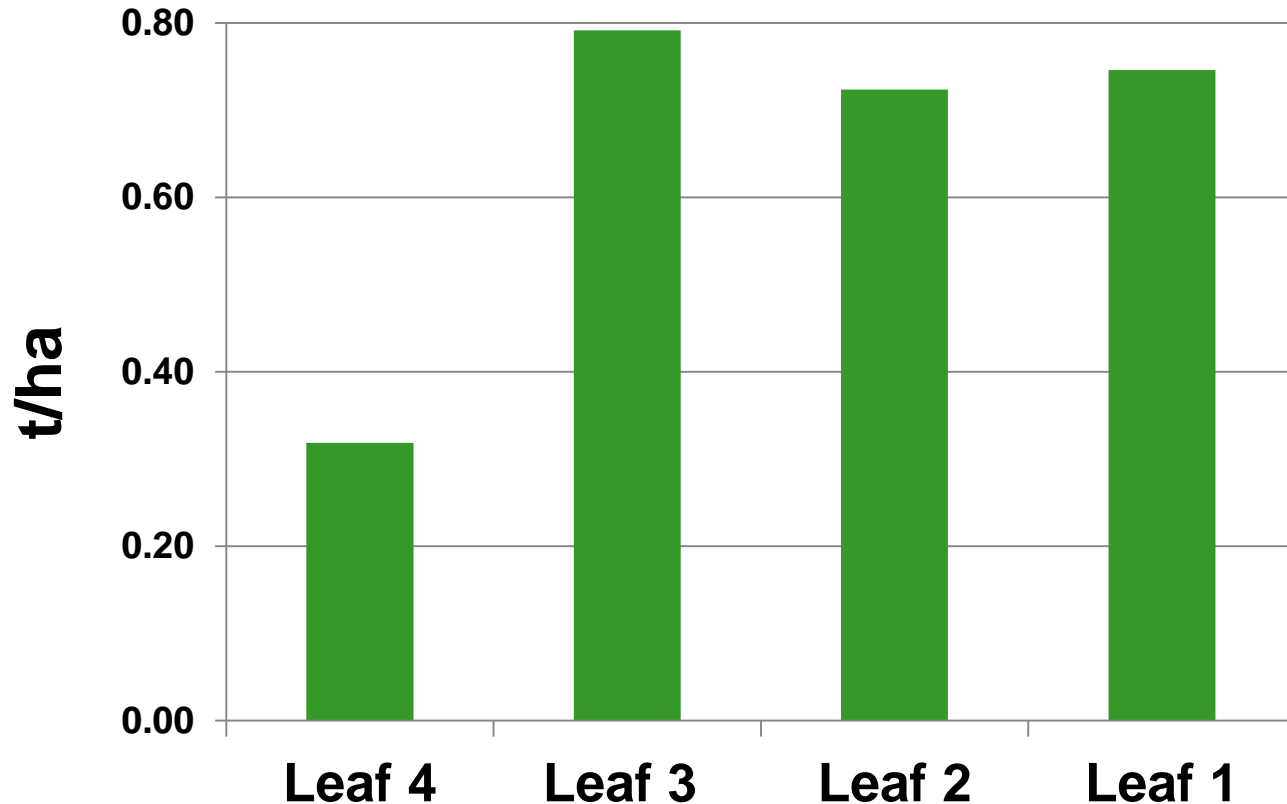
## Septoria

Univoq	★ ★ ★ ★
Revystar XL	★ ★ ★
Ascra Xpro	★ ★ ★
Imtrex	★ ★
Elatus Era	★ ★
Prothioconazole	★ ★
Tebuconazole	★ ☆
Folpet	★ ☆
Sulphur (Thiopron)	★ ☆
Pyraclostrobin	★
Prosaro	★ ☆



# Getting correct application timing is critical

Yield response of each leaf layer



- Contribution of L1, 2 & 3 similar when in “programme”
- L4 application showed lowest contribution
- Variation between sites due to infection events

# Wheat disease control strategies for 2025

Winter	<GS30	Leaf 3	Leaf 1	Flowering
Diseases	<b>Septoria</b> Rust	<b>Septoria</b> Stem Diseases Rust	<b>Septoria</b> Rust	<b>Fusarium</b> Septoria
Low Disease Pressure	-----	Azole / SDHI & Multisite	Azole / (Qil or SDHI) & Multisite	Azole mix +/- Multisite
High Disease Pressure	(Multisite) (Strob/ azole)	Azole / (Qil* or SDHI) & Multisite	Azole / (Qil* or SDHI) & Multisite	Azole mix +/- Multisite

**\*Only a single application permitted per crop**

# Limited issues in barley disease control in 2024

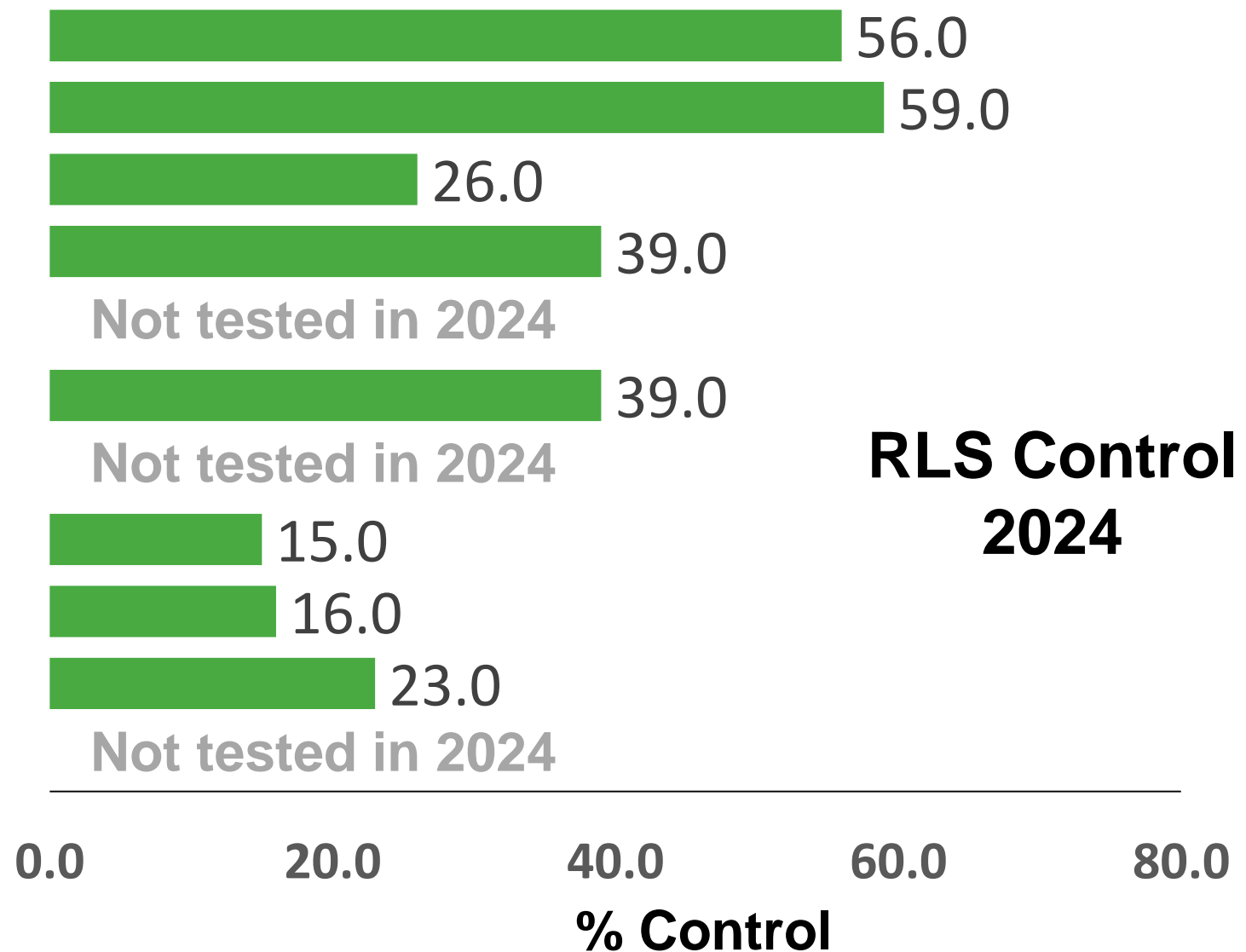


- Wet and mild spring led to high RLS, net blotch and rust in trial plots
- Net blotch and *Ramularia* populations dominated by SDHI and QoI (F129L) resistance
- Good disease control achieved in most crops

# Teagasc Crop Report Barley fungicide Star Rating 2025

## Ramularia

Revystar XL	★ ★ ★
Macfare Xpro	★ ★ ★
Imtrex	★ ☆
Siltra Xpro	★ ★
Elatus Era	★ ★
Prothioconazole	★ ★
Tebuconazole	★
Folpet	★ ☆
Sulphur (Thiopron)	★ ☆
Pyraclostrobin	★ ☆
Amistar	★



# Barley disease control strategies for 2025

Winter	Late tillering (GS25-30)	Stem extension (GS31-32)	Awns emerging (GS45-49)
Diseases	<b>Rhynchosporium</b> Net blotch Mildew	<b>Rhynchosporium</b> <b>Net blotch</b> Mildew	<b>Ramulaira</b> Rhynchosporium Net blotch Mildew
Low Disease Pressure	Azole / SDHI <i>or</i> Qol		Azole / SDHI <i>or</i> Qol & Multisite (folpet)
High Disease Pressure	Azole / SDHI <i>or</i> Qol	Azole / SDHI <i>or</i> Qol & Multisite (folpet)	Azole / SDHI <i>or</i> Qol & Multisite (folpet)



# Barley disease control strategies for 2025

Spring	Late tillering – start stem extension (GS25-31)	Awns Emerging (GS45-49)
Diseases	<b>Rhynchosporium</b> <b>Net blotch</b> Rust	<b>Ramularia</b> Rhynchosporium Net blotch Rust
Low Disease Pressure	Azole / SDHI <i>or</i> Qol	Azole / SDHI <i>or</i> Qol & Multisite (folpet)
High Disease Pressure	Azole / SDHI <i>or</i> Qol	Azole / SDHI <i>or</i> Qol & Multisite (folpet)