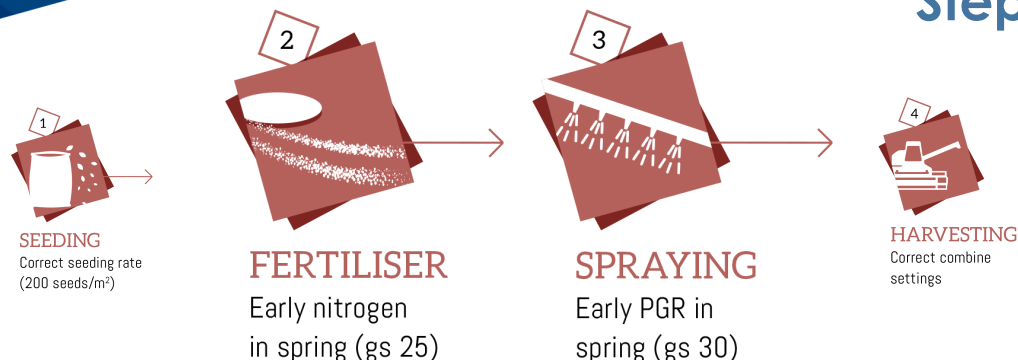




# Hybrid Barley Husbandry Guide 2018

## Step 2 & 3



Hybrid Barley receives similar inputs as conventional barley, taking into account higher yield potential and greater disease resistance. The vigorous spring growth of hybrid barley means it reaches key growth stages earlier so it needs to be managed accordingly.

### STEP 2 Suggested Fertiliser Splits on Hybrid Barley:



	1 <sup>st</sup> split N, P, K & S	2 <sup>nd</sup> split N +/- P, K & S	3 <sup>rd</sup> split N
<b>Barley Growth Stage</b>	GS 23-25 End of tillering	GS 30/31 Before 1st node	GS 32 Before 2nd node
<b>Approx. date</b>	Mid to late Feb	Mid to late March	Mid-April
<b>Amount of total nitrogen</b>	30 % of total	50 % of total	20 % of total
<b>4 t/ac Hybrid Barley</b>	1st Split	2nd Split	3rd Split
<b>After cereals</b>	4 bags/ac	3.5 bags/ac CAN	1 bag/ac CAN
<b>No organic manures, Index 3 - P &amp; K</b>	12:8:20 or appropriate compound	+ S	

P & K rates – based on soil tests, organic manures applied and expected yield.

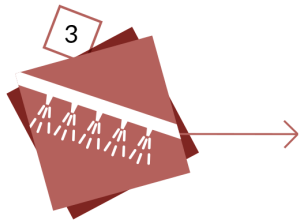
N rates – based on previous cropping history/yields and organic manures applied



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## STEP 3 Plant Growth Regulators

Hybrid barley is drilled at a low seed rate to achieve the full yield and grain quality potential. Growth is rapid from GS 30 on, so a robust PGR programme is recommended:



### SPRAYING

Early PGR in spring (gs 30)

	Aim	Suggested Actives*
GS 30	Promotes rooting, strengthens tillers	Chlormequat Moddus /Medax Max
GS 31/32	Strengthens tillers & reduces height	Chlormequat Moddus /Medax Max
GS 33-39	Reduces height, brackling & necking	Terpal Moddus /Medax Max

\* Seek agronomist advice

### Suggested Fungicide Programme 2018

Hybrid Barley varieties have excellent resistance to the wet weather diseases but still benefit from good fungicide programmes especially against rust and *Ramularia*.

Variety	Rhyncho	Net Blotch	Mildew	Brown Rust
Quadra	7	7	7	6
Volume	7	7	6	6
Bazooka*	7	7	7	7
Belfry*	7	7	7	6

Source: Dept of Ag. & Seedtech trials (\*)

Fungicides	T1	T2	T3
Approx. dates	Mid-Late March	Mid-April	Early-mid May
Fungicide timing	GS 30 End of tillering	GS 31-32 1 <sup>st</sup> /2 <sup>nd</sup> node	GS 45 Head emerging
*Suggested Actives	Triazole / Strob / SDHI / Mildewicide	Triazole / Strob / SDHI +/- Mildewicide	Triazole / Strob / SDHI + Chlorothalonil

\* Seek agronomist advice

If you need to seek clarification on this guide, please do not hesitate to contact us directly.

Seedtech Office +353 (0)51 832814



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The information given in this document is for general guidance only. Whilst every care has been taken to ensure it is accurate, it is important to check all information with your agronomist first.