

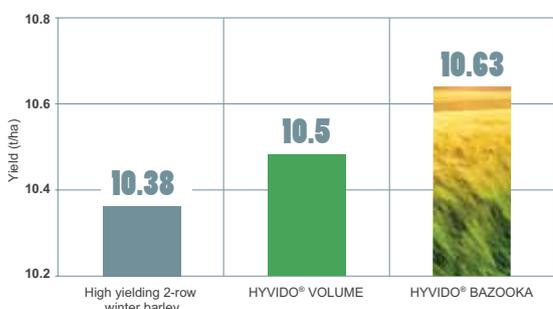
# WHAT IF MY BARLEY CROP GAVE HIGH YIELDS, EVERY YEAR?



## HYVIDO® BAZOOKA TECHNICAL INFORMATION

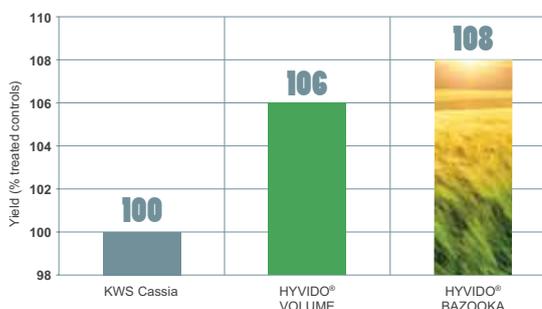
HYVIDO® is a family of very high yielding 6-row winter barley varieties. HYVIDO® BAZOOKA is one of the next generation of HYVIDO varieties, providing a significant step forward in barley yields. It also has a robust agronomic profile, including a 9 rating for *Rhynchosporium* resistance.

### HYVIDO® BAZOOKA RESPONDS TO A HYBRID AGRONOMY PROGRAMME



Data source: Syngenta trials harvest 2014. N=3

### HYVIDO® BAZOOKA EXCELS IN CANDIDATE TRIALS



Source: HGCA Candidate List 2015

## AGRONOMIC PROFILE

	Straw height (cm)	Lodging % (Treated)	Ripening (+/-Cassata, -ve = earlier)	Specific weight (kg/hl)
HYVIDO® BAZOOKA	109	0	-2	68.7
HYVIDO® VOLUME	102	0	-2	68.5
KWS Meridian	109	0	-2	65.7
KWS Cassia	89	0	0	71.1

Source: HGCA Candidate List 2015

### Growth habit

Early spring:	Medium prostrate
Tillering ability:	High
Maturity:	Early

### SEEDRATE

The seed rate of 200 seeds/m<sup>2</sup> is appropriate for drilling in good conditions in mid-to-late September. Seed rates should be adjusted according to ground and weather conditions at the time of sowing.

## DISEASE RESISTANCE PROFILE



Source: HGCA Candidate List 2015

## NITROGEN APPLICATIONS

Hybrid barley has a large root mass and is able to use applied nitrogen very efficiently, so it does not require any more nitrogen than a conventional winter feed barley variety.

However, in order to 'feed' its vigorous spring growth, it is important that early nitrogen availability is not limiting. A typical recommended nitrogen programme is therefore as follows\*:

- **30% at GS25** (to maintain plant count, encourage and support higher tillering ability and protect ear numbers)
- **50% at GS30-31** (to maximise spikelet set to achieve the most grains per ear on all the tillers that have been determined)
- **20% at GS32-37** (to fertilise spikelets and determine the final number of grain sites before flowering)

For some conventional winter feed barley growers, the first GS25 application may be something that has not been used traditionally.

\* These figures are for guidance purposes only. You must work with your agronomist when calculating nitrogen rates and timings, taking into consideration end market requirements and the fertility of the field. You should also work within any Defra guidelines/restrictions.

## FUNGICIDE PROGRAMME GUIDELINES

Always consult your agronomist and adapt programmes to local conditions.

To enhance grain fill, yield potential and grain quality HYVIDO® BAZOOKA will benefit from a robust fungicide programme.

- T0 - Due to the early growth of HYVIDO® varieties, yield benefits have been seen from a KAYAK 0.5-1.0 l/ha fungicide application at this time.
- T1 - CEBARA @ 1.6-2.0 l/ha used at this timing will provide a clean stress-free leaf canopy to ensure the maximum green leaf area which will help to maintain tiller survival and fertile spikelets. In high risk *Rhynchosporium* areas the rate of CEBARA may be lowered with the inclusion of a prothioconazole-based product.
- T2 - HYVIDO® varieties have a large flag leaf which helps to drive yield. CEBARA @ 1.6-2.0 l/ha will provide outstanding protection against foliar diseases and maintain a long-lasting green leaf area which secures yield and increases grain size and quality.

## PCR PROGRAMME GUIDELINES

HYVIDO® BAZOOKA is a tall-strawed variety which has good spring vigour, therefore a robust PGR programme is advised, especially on high fertility sites.

GS30 MODDUS 0.1-0.2 l/ha + chlormequat\*

GS31 MODDUS 0.1-0.2 l/ha + chlormequat\*

GS37-39 ethephon + mepiquat 0.5-1.0 l/ha

\* Vary rate according to requirement and product label.

### Disclaimer

The information given in this document is for general guidance only. Whilst every care has been taken to ensure it is accurate, it is, out of necessity, of a general nature and variation in growing environment or climate can render it inaccurate. Syngenta Ltd cannot accept any liability arising out of or in connection with the use of this information. Crop protection products should be used in conjunction with manufacturers' recommendations.

CEBARA®, HYVIDO®, KAYAK® and MODDUS® are Registered Trademarks of Syngenta AG, Basle, Switzerland. CEBARA (MAPP 16038) contains isopyrazam and cyprodinil. KAYAK (MAPP 14847) contains cyprodinil. MODDUS (MAPP 15151) contains trinexapac-ethyl. HGCA Recommended List can be consulted at [www.hgca.com](http://www.hgca.com). **Use plant protection products safely. Always read the label and product information before use.** For further product information including warning phrases and symbols refer to [www.syngenta.co.uk](http://www.syngenta.co.uk) Syngenta AG 2015.

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