

HOPSTEINER – NEWSLETTER

JULY 2012

TECHNICAL SUPPORT




Hopsteiner®

COMMITTED TO THE BREWER.

New Hop Varieties being grown in the UK

Until its closure in 2007, new hop variety development in England was carried out at Wye College in Kent. Through the determined efforts of the National Hop Association of England the hop breeding programme is being continued by their new subsidiary company called Wye Hops Ltd. Since 2007, it has overseen the development of three new dwarf hop varieties which are described here.

Name	Boadicea	Sovereign	Endeavour
History	Granted European Plant Variety Rights in 2008. From a cross made in 1992, released to UK farms in 2005. 47 ha grown in 2011.	Granted European Plant Variety Rights in 2010. From a cross made in 1995, released to UK farms in 2006. 53 ha grown in 2011.	Farm-scale trials from 2010. From a cross made in 2002. Only very limited quantities available.
Pedigree	Uniquely draws on wild Japanese germplasm to provide natural resistance to hop aphids.	From an open pollination of a seedling of Pioneer.	A seedling of Cascade and a granddaughter of Wye Target.
Brews	A light, floral aroma imparting floral and spicy notes to give a smooth bitterness with a clean finish.	Imparts a soft, rounded, fruity flavour suggesting peach. Considered by some to be very similar to Fuggle as part of the grist.	Imparts fragrant, markedly citrus and spicy flavour with notes of red summer fruits.
Alpha acid	7.5 – 10.0 % of which cohumulone is 22 – 29 %	4.8 – 6.5 % of which cohumulone is 26 – 30 %	7.5 – 10.6 % of which cohumulone is 30 – 35 %
Oils	1.4 – 2.2 ml/100 g notable for presence of farnesene at 4 – 6 %, relatively low humulene at 19 – 25 %. The only dwarf variety with low selinene content.	0.5 – 1.0 ml/100 g notable for relatively high linalool content >0.6 %	1.2 – 1.8 ml/100 g notable for presence of farnesene at 6 – 8 %, high selinenes ($\alpha+\beta$) at ~27 %, and high geraniol at 0.7 %

Information supplied by Peter Darby , Wye Hops Ltd.

If you need further information about flavour and availability please do not hesitate to contact us!

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