



Challenger Hop Pellets Type 90

Origin:	Bred at Wye college and released for commercial planting in 1972; it is a granddaughter of Northern Brewer crossed with a downy mildew resistant male and is a 'cousin' of Target
Maturity:	Late season
Yield:	1400 - 1700kgs/ha (1235 - 1543 lbs/acre)
Disease Reaction:	Sensitive to wilt; resistant to downy mildew and susceptible to powdery mildew.
Cone Structure:	Long slender cones
<u>Quality</u>	
Aroma	Fine scented aroma with spicy overtones
Storage Stability	Good
<u>HPLC Data</u>	
Alpha-Acids	6.5 – 8.5% w/w
Cohumulone	27 - 30% of alpha-acids
Beta-Acids	3.2 – 4.2% w/w
Xanthohumol	Typically 0.32% v/w
<u>Hop Oils</u>	
Total Oil	1.0 – 1.5% ml/100g
of which typically:	
Myrcene	30%
Humulene	30%
Caryophyllene	10%
Farnesene	1.7%
Brewing Character:	Versatile hop widely used for both early and late kettle hopping; its mid-range alpha makes it a cost-effective solution to achieving both bitterness and hop character

Growers & Suppliers of Hops & Hop Products

www.ellersliehop.com.au

17 Redland Drive (P.O. Box 246) Mitcham VIC 3132

Ph: 03 9872 6811 Fax: 03 9872 6822 email: feedback@ellersliehop.com.au