



## Hopco Pty Ltd

Importers of Quality Hops

### ADMIRAL:

#### Brewers Notes:

Admiral is an excellent mid-season hops variety, bred from Northdown and Challenger in 1998, but having higher acid content than either of its parents. Admiral hails from Wye College in the UK. It has aggressive but smooth bittering qualities with an orange-citrus and herbal resonance making it perfect for more bitter Pale Ales and nicely balanced ESBs. The Admiral enjoys its place in the industry in some fine organic, unpasteurized, and fresh-tasting commercial ales.

#### Technical Data:

|                           |  |
|---------------------------|--|
| Purpose:                  | Bittering  |
| Alpha Acid Composition:   | 13% - 16.2%  |
| Beta Acid Composition:    | 4.8% - 36.1%   |
| Co-Humulone Composition:  | 37% - 45%  |
| Country:                  | United Kingdom   |
| Cone Size:                | Small to Medium  |
| Cone Density:             | Compact  |
| Season Maturity:          | Mid  |
| Yield Amount:             | 1300-1900 kg/hectare (1160-1700 lbs/acre)  |
| Growth Rate:              | Very High  |
| Resistant To:             | Resistant to verticillium wilt and downy mildew  |
| Susceptible To:           | Susceptible to powdery mildew  |
| Storability:              | Retains 85% alpha acid after 6 months storage at 20 degrees C  |
| Total Oil Composition:    | 1 – 1.7 mL/100g  |
| Myrcene Oil Composition:  | 39% - 48%  |
| Humulene Oil Composition: | 23% - 26%  |
| Caryophyllene Oil:        | 6% - 7%  |
| Farnesene Oil:            | 1.8% - 2.2%  |
| Substitutes:              | Chinook, Northdown, Challenger, Centennial, Cascade (US), Amarillo, Target   |
| Style Guide:              | Extra Special Bitter, American India Pale Ale, Belgian India Pale Ale, Imperial India Pale Ale, India Pale Ale, Pale Ale, Bitter |