



Southern Star

South Africa
Dual Purpose Hop

Southern Star was released in 2001 in South Africa as a variety adapted to the region's short day-length and is a cross between Outeniqua and a South African male variety. It is high in alpha for a variety grown in the area and has a relatively high farnesene content. The hop has been described as having a subtle spicy aroma.

Pedigree	Diploid seedling of Outeniqua and South African male variety
Aroma	Hoppy, subtle spicy
Alpha Acids*	12.0 - 15.5 %
Beta Acids	4.8 - 5.2 %
Cohumulone	28 - 33 % of alpha acids
Total Oil	1.3 - 1.6 ml/100g
Myrcene	30 - 38 % of total oil
Humulene	18 - 24 % of total oil
Caryophyllene	12 - 16 % of total oil
Farnesene	10 - 14 % of total oil
Storage Stability	Fair

* Alpha acids are determined by conductometric titration (EBC 7.4) in Europe; by spectrophotometric (ASBC Hops-6) in USA