

PACIFIC GEM

VARIETY INFORMATION



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Genetic Origin

A Smoothcone X Early Male cross developed at the DSIR Research Station; a triploid, high alpha variety released in 1987.

Agronomic Aspects

Growing

Classification	Aroma
Yield (kg/ha)	2,500 - 2,700
Acreage (ha)	65

Chemical Ingredients

Bitter Components

Alpha acid %	13.0 - 16.0
Beta acid %	7.0 - 9.0
Cohumulone % rel.	37 - 40

Polyphenoles

Xanthohumol	0.5 - 0.6
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Aroma Components

Total oils (ml/100g)	1.2 - 1.4
Beta-caryophyllene: Humulene	0.43
Linalool % of total oil	0.9 - 1.0
Linalool : Alpha acid	0.06 - 0.07

Aroma Evaluation (Smell of Raw Hops, 0-5)

Aroma Specification	Blackberry, floral, oak
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Substitutes

Brewhouse	Dry Hopping
CTZ (Columbus, Tomahawk, Zeus)	CTZ (Columbus, Tomahawk, Zeus)

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