



TEKNOLOGI INOVATIF PERTANIAN



**BADAN PENELITIAN DAN PENGEMBANGAN PERTANIAN
KEMENTERIAN PERTANIAN**
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Akarwangi Varietas Verina 1

Verina 1 Vetiver Variety

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Balai Penelitian Tanaman Rempah dan Obat
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Status Perlindungan HKI :
Pendaftaran Varietas No.105/PVHIP/2013
*IPR Protection Status : Variety Registration
No. 105/PVHIP/2013*



Varietas ini memiliki produktivitas minyak rata-rata 66,4 kg per hektar, produktivitas akar basah 10,4 ton per hektar, produktivitas akar kering 3,7 ton per hektar dengan kadar vetiverol di atas standar SNI 50,4%. Varietas Verina 1 cocok digunakan sebagai bahan baku minyak atsiri akarwangi. Bentuk daun tegak dan agak merumbai, warna daun kuning kehijauan.

Tinggi tanaman berkisar antara 144-170 cm, diameter rumpun 51-56 cm, jumlah anakan 81-105, bobot bonggol 0,5-1 kg, warna batang kuning kehijauan, kadar minyak 1-2%, dan kadar vetiverol 50-52%. Varietas unggul ini potensial dikembangkan dalam skala luas.

This variety has an average oil productivity of 66.4 kg per hectare, wet roots productivity of 10.4 tons/hectare, and dry roots productivity of 3.7 tons/hectare. The vetiverol level is 50.4% which is above the ISO standard. The Verina 1 variety is suitable for use as raw material to produce essential oils of vetiver (akarwangi, Indonesian).

Plant height ranges from 144-170 cm and the clump diameter is about 51-56 cm. The tiller numbers ranges from 81-105. The clump weight is around 0.5-1.0 kg, stem color is yellow-green. It contains 1-2% oil and 50-52% vetiverol. This high yielding variety has a great potential to be developed on a wide scale.

