



## Nilam Varietas Patchoulina 2

### *Patchoulina 2 Variety of Nilam*

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Nilam varietas Pachoulina 2 merupakan hasil induksi variasi somaklonal yang memiliki sifat tahan terhadap penyakit layu bakteri (*R. solanacearum*). Bobot terna segar per tanaman  $2,29 \pm 0,25$  kg, bobot terna kering per tanaman  $0,78 \pm 0,036$  kg, produksi terna segar  $37,73 \pm 10,13$  t/ha/tahun, produksi terna kering:  $12,56 \pm 3,34$  t/ha/tahun. Potensi produksi minyak mencapai  $343,22 \pm 13,76$  kg/ha/tahun, kadar minyak  $2,78 \pm 0,57$  %, kadar Pathouli Alkohol (PA)  $32,31 \pm 3,81$  %. Varietas ini memiliki bentuk pangkal daun dan ujung daun runcing (*acutus*) dan tepi daun bergerigi tajam (*biserratus*).

The *Patchoulina 2* variety was developed through an induction of soma clonal variation having a resistance trait to the bacterial wilt of *R. solanacearum*. Yield potential of this variety is  $2.29 \pm 0.25$  kg of fresh terna/plant with a dry weight of  $0.78 \pm 0.036$  kg/plant/year. It is equivalent to  $37.73 \pm 10.13$  ton fresh terna/ha/year or  $12.56 \pm 3.34$  t dry terna/ha/year. The potential production of oil is  $343.22 \pm 13.76$  kg/ha year with oil content of 2.78-0.57%, and alcohol Pathoulina content of  $32.31 \pm 3.81$  %. The leaf shape of this variety is sharp at the base as well as pointed at the tip (*acutus*), and the margin of the leaf is sharp and serrated (*biserratus*).