

## Keanekaragaman Pohon Buah di Pekarangan di Kabupaten Bogor, Jawa Barat = Fruit Tree Diversity in Home Gardens in the Bogor Regency, West Java

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### Abstrak

Telah dilakukan penelitian mengenai pohon buah di empat puluh satu desa di Kabupaten Bogor, Jawa Barat, pada Mei 2012 sampai Agustus 2012 dengan menggunakan metode kuadran total 410 plot dan metode kuadrat 5 x 5 m yang diletakkan di dalam kuadran. Ditemukan 74 spesies pohon dari 31 famili dan 1.640 individu tingkat pohon (diameter setinggi dada 10 cm) dan 462 individu pohon berdiameter 2 cm-- 9,9 cm dengan tinggi 1,5 m. *Nephelium lappaceum* L. (famili Sapindaceae), *Artocarpus heterophyllus* Lam. (famili Moraceae), dan *Lansium domesticum* Corr. (famili Meliaceae) menjadi spesies dominan di Kabupaten Bogor dengan indeks nilai kepentingan (INK) masing-masing 64,6%, 41,5%, dan 41,4%. Berdasarkan indeks keanekaragaman Shannon-Wiener ( $H'$ ) keanekaragaman buah di Kabupaten Bogor rendah dengan nilai  $H' < 2$  dan nilai indeks kesamaan Sorensen rata-rata 0,64

.....Research on fruit trees biodiversity has been conducted in forty one villages sites located in Bogor Regency, West Java from Mei 2012 until August 2012. Four hundred and ten plots of quadrat method were establish at the homegarden, while forty one of half one kilometers transect were made at the street each villages. Four trees of each plot were sampled. The results obtained 74 species of 31 family and 1.640 trees (DBH 10 cm) and 462 trees belta (DBH 2,0 cm--9,9 cm). *Nephelium lappaceum* L. (family Sapindaceae), *Artocarpus heterophyllus* Lam. (family Moraceae), and *Lansium domesticum* Corr. (family Meliaceae) was the dominant species at the Bogor Regency, West Java with High Importance Value 64,6%, 41,5%, and 41,4%. The diversity of fruit trees at both sites were categorized low based on Shannon Wiener index  $H' < 2$  and similarity of fruit trees community between the villages based on Sorenson Similarity average were 0,64