

Mycena chlorophos



Mycena chlorophos © FE Guard

Cap: convex to plane, sometimes with slight umbo; 10-25 mm diameter; viscid, radially grooved; white with brownish to smoky grey centre.

Stipe: cylindrical; 15 - 25 × 2 - 3 mm; white with prominent basal disc.

Gills: close; white.

Flesh: thin, white.

Spore print: white.

Spores: limoniform (pip shaped); 7.5 - 9.5 × 4 - 6.5 μm , average $8.08 \pm 0.57 \times 5.69 \pm 0.39 \mu\text{m}$; Q 1.25-1.63, average Q = 1.42 ± 0.14 ; weakly amyloid.

Basidia: four spored.

Cheilocystidia: numerous, forming a sterile edge to the gill; 30 - 80 × 20 - 60 μm ; shape fusoid to fusoid-ventricose with acute tips, sometimes particularly elongate.

Pleurocystidia: not seen.

Pileipellis: patches of acanthocysts (terminal elements) which were broadly clavate to obpyriform; 30 - 70 × 25 - 27 μm which have nodulose (~1 μm) and digitate (~2-4 μm) excrescences. Pileal context made up of sparsely interwoven hyphae within gelatinised tissue; some hyphae with refractive contents.

Substrate: singly or in small groups typically of 6 – 8, on wood, rotting log (10 cm diam.)

Habitat: rainforest, associated with Hoop pines *Araucaria cunninghamii*, *Macasanga* and other species.

Notes: often found during periods of heavy rain during summer wet season in South East Queensland. Collection best matches description of this species by Maas Geesteranus (1982) and (Desjardin & Perry 2010).

Collections examined: FEG 14 April 2009, Dilkusha, Maleny SEQ; SJM McMullan-Fisher & TW May October 2011.