

Podocarpus nagi

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|--|---|--------------------|-----------|-----------|--|
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| <i>Replicating partner</i> | None | | | | |
| <i>Collection date</i> | February 14 th 2001 | | | | |
| <i>Seed source</i> | Guangdong Forest Science Institute, Guangzhou | | | | |
| <i>Initial trials</i> | | | | | |
| <i>Seed weight ± SD</i> | 0,55 ± 0,15 | | | | |
| <i>Seed diameter ± SD</i> | | | | | |
| | Seed | Embryo + endosperm | Seed coat | | |
| <i>Mc (%)</i> | 26,8 | 22,9 | 35,5 | | |
| <i>Initial germination (%)</i> | 2 | | | | |
| <i>Desiccation trial</i> | | | | | |
| <i>Mc after desiccation (%)</i> | 21,9 | 16,9 | 14,4 | 11,1 | |
| <i>Germination (%)</i> | 5 | 11 | 6 | 20 | |
| <i>Germination (%) of control</i> | 1 | 6 | 4 | 8 | |
| <i>Comments and conclusions</i> | The germination percentage of <i>Podocarpus nagi</i> seeds was only 2% at harvest and the germination period was relatively long, the first seed started to germinate after 23 days. Desiccated seeds had higher germination percentage than fresh and control seeds. Seed viability was not decreased but increased by desiccation. Thus, seeds of <i>Podocarpus nagi</i> are desiccation tolerant and are not recalcitrant. | | | | |



Seeds of *Podocarpus nagi*
Photo: Xiaofeng Wang