

Lophira lanceolata

Collecting partner

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Collection date

20-21 March 2001

Seed source

Niangologo

Initial trials

Mc before processing (%)

21.41 ± 2.06

Mc after processing (%)

20.92 ± 2.80

Initial germination (%)

49

Desiccation trial

Mc after desiccation (%)

17.40 12.65 10.81 7.64 6.10

Germination (%)

47 **22** **13** **2** **0**

Storage trial

Initial mc (%)

21.3 17.4 12.65 10.81 7.64 6.1

Storage at 16°C

Mc after 3 months of storage (%)

22.93 21.21 15.62 12.52 9.81 7.41

Germination after 3 months of storage (%)

2 **5** **1** **3** **0** **0**

Mc after 6 months of storage (%)

22.37 18.23 16.98 13.03 9.02 6.61

Germination after 6 months of storage (%)

2 **0** **0** **0** **0** **0**

After 6 months of storage at 16°C all seeds were dead. No seeds survived storage at -18 or 3-5°C (results not shown).

Comments and conclusions

The results indicate that even though the critical mc is fairly low, between 12.6 and 17.4 %, the seeds do not tolerate low temperatures and viability is lost very fast.