Has Ensete ventricosum physical-morpho-physiological seed dormancy?

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Ensete ventricosum (enset) is an important drought tolerant crop in Ethiopia. Enset, belonging to Musaceae, looks similar to banana plants. Enset has been cultivated for food, fodder, fibre, medicine and as an enhancer of environment during thousands of years, and numerous clones with different characteristics occur.



Enset flowers, and produces a "banana stock" with nice orange "bananas" several months later. However, the plants are usually cut off at the time of flowering, to get high yield of starch-rich food.





Conclusion: enset has, following the system proposed by Baskin & Baskin, physical and morphological seed dormancy (physical-morphological dormancy); this combination is to our knowledge not reported before. Further studies regarding special germination requirements and treatments known to affect physiological dormancy are ongoing. Is *Ensete ventricosum* the first recorded species with the combination physical-morpho-physiological seed dormancy?

