

# ***Borassus aethiopum Mart.***

## **(Borasse d'Éthiopie)**

**Identifiants : 4868/boraet**

**Association du Potager de mes/nos Rêves (<https://lepotager-demesreves.fr>)**

**Fiche réalisée par Patrick Le Ménahèze**

**Dernière modification le 05/05/2024**

- **Classification phylogénétique :**

- **Clade : Angiospermes ;**
- **Clade : Monocotylédones ;**
- **Clade : Commelinidées ;**
- **Ordre : Arecales ;**
- **Famille : Arecaceae ;**

- **Classification/taxinomie traditionnelle :**

- **Règne : Plantae ;**
- **Division : Magnoliophyta ;**
- **Classe : Liliopsida ;**
- **Ordre : Arecales ;**
- **Famille : Arecaceae ;**
- **Tribu : Borasseae ;**
- **Genre : Borassus ;**

- **Synonymes : x (=) basionym, *Borassus aethiopum Mart.* var. *bagamojensis Becc*, *Borassus aethiopum Mart.* var. *senegalensis Becc*, *Borassus flabellifer* var. *aethiopicum* (Mart.) Warb, *Borassus deleb Becc*, *Borassus sambiranensis Jum. & H. Pierrier* ;**

- **Nom(s) anglais, local(aux) et/ou international(aux) : African fan palm, Borassus palm, African Palmyra palm, , Agbon, Akuugh, Bace, Ba di madibu, Ba di ndingi, Bam, Bazlawar, Berembe, Buane, Buar, Cibe, Cibedje, Cibo, Daleib, Deleb palm, Deleib, Delep, Difundi, Dimaka, Doubbi, Dube, Dzova, Edukanait, Edukudukut, Ekituugu, Euda, Gangami, Ginginya, Goha, Goworo-ijhacoongo, Kambili, Katungo, Kebala, Kpareeyu, Makoma, Mchapa, Mhama, Mkamu, Mtapa, Muhamma, Mukae, Mukpiatimu, Mupama, Mvuma, Mvumo, N'bene, Ncora, Ng'hama, Opame, Ope-okunkun, Palmier-ronier, Ron, Ronier, Sabize, Thuwa, Tugo, Tugo, Umbena, Vumo, Zambaba, Zembaba ;**



- **Note comestibilité : \*\*\*\***

- **Rapport de consommation et comestibilité/consommabilité inférée (partie(s) utilisable(s) et usage(s) alimentaire(s) correspondant(s)) :**

**Parties comestibles : fruits, chou, sève, graines, cœur de palmier, légumes, jeunes racines, semis<sup>(((0+x)) (traduction automatique)</sup> / Original : Fruit, Cabbage, Sap, Seeds, Palm heart, Vegetable, Young roots, Seedling<sup>(((0+x))</sup> La sève de la tige du fruit fait une boisson agréable. Les fruits sont consommés soit mûrs, soit non mûrs. La pulpe juteuse de fruits mûrs est ajoutée à la bouillie pour améliorer la saveur. Le noyau de la graine immature est mangé. Les graines germées sont consommées cuites. Les tiges des jeunes plants sont mangées. Le point de croissance du chou de palme est comestible. (Cela tue le palmier!) X000B\_La longue racine charnue "plombée" de la graine est consommée comme légume.**

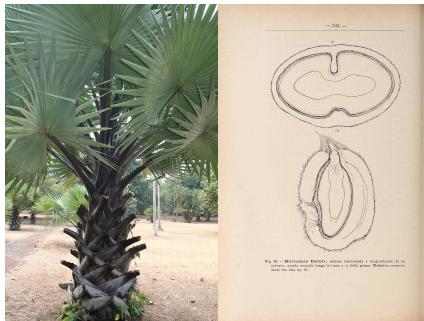
**Partie testée : fruit<sup>(((0+x)) (traduction automatique)</sup>  
Original : Fruit<sup>(((0+x))</sup>**

Taux d'humidité	Énergie (kj)	Énergie (kcal)	Protéines (g)	Pro-vitamines A (µg)	Vitamines C (mg)	Fer (mg)	Zinc (mg)
87.6	180	43	0.8	0	4.0	1.0	0



néant, inconnus ou indéterminés.

- Illustration(s) (photographie(s) et/ou dessin(s)):



De gauche à droite :

Par Marco Schmidt, via wikipedia

Par Webbia Webbia vol. 4 , via plantillustrations

- Liens, sources et/ou références :

◦ <sup>5</sup>"Plants For a Future" (en anglais) : [https://pfaf.org/user/Plant.aspx?LatinName=Borassus\\_aethiopum](https://pfaf.org/user/Plant.aspx?LatinName=Borassus_aethiopum) ;

dont classification :

dont livres et bases de données : <sup>0</sup>"Food Plants International" (en anglais) ;

dont biographie/références de <sup>0</sup>"FOOD PLANTS INTERNATIONAL" :

Abbiw, D.K., 1990, *Useful Plants of Ghana. West African uses of wild and cultivated plants. Intermediate Technology Publications and the Royal Botanic Gardens, Kew.* p 49 ; ABDELMUTI, ; Agea, J. G., et al 2011, *Wild and Semi-wild Food Plants of Bunyoro-Kitara Kingdom of Uganda: etc. Environmental Research Journal* 5(2) 74-86 ; Alyegba, S. S. et al, 2013, *Ethnobotanical Survey of Edible Wild Plants in Tiv Communities of Benue State, Nigeria. Journal of Natural Sciences Research.* Vol.3, No.7 ; Anywar, G., et al, 2014, *Wild Plants Used as Nutraceuticals from Nebbi District, Uganda. European Journal of medicinal Plants.* 4(6):641-660 ; Asfaw, Z. and Tadesse, M., 2001, *Prospects for Sustainable Use and Development of Wild Food Plants in Ethiopia. Economic Botany,* Vol. 55, No. 1, pp. 47-62 ; Assogbadjo, A. E. et al, 2013, *Specific Richness and Cultural Importance of Wild Edible Trees in Benin. Acta Hort. 979, ISHS 2013* ; Atato, A., et al, 2010, *Diversity of Edible Wild Fruit Tree Species of Togo. Global Science Books.* ; Ballal, M. E., et al, 2014, *Ethno-botany of Natural Forests of Nuba Mountains, South Kordofan State, Sudan. Journal of Forest Products & Industries.* 3(1):13-19 ; Bekelle-Tesemma A., Birnie, A., & Tengnas, B., 1993, *Useful Trees and Shrubs for Ethiopia. Regional Soil Conservation Unit. Technical Handbook No 5.* p 112 ; Balick, M.J. and Beck, H.T., (Ed.), 1990, *Useful palms of the World. A Synoptic Bibliography. Colombia* p 328, 500, 560, 638, ; Berihun, T. & Molla, E., 2017, *Study on the Diversity and Use of Wild Edible Plants in Bullen District Northwest Ethiopia. Hindawi Journal of Botany. Article ID 8383468* ; Bernholt, H. et al, 2009, *Plant species richness and diversity in urban and peri-urban gardens of Niamey, Niger. Agroforestry Systems* 77:159-179 ; Bircher, A. G. & Bircher, W. H., 2000, *Encyclopedia of Fruit Trees and Edible Flowering Plants in Egypt and the Subtropics. AUC Press.* p 61 ; Blomberry, A. & Rodd, T., 1982, *Palms. An informative practical guide. Angus & Robertson.* p 64 ; Bonou, A., et al, 2013, *Valeur économique des Produits Forestiers Non Ligneux (PFNL) au Benin. Editions Universitaires Européennes* p 91 ; Burkhill, H. M., 1985, *The useful plants of west tropical Africa, Vol. 3. Kew.* ; Catarino, L., et al, 2016, *Ecological data in support of an analysis of Guinea-Bissau's medicinal flora. Data in Brief* 7 (2016):1078-1097 ; Chapman, J. D. & Chapman, H. M., 2001, *The Forest Flora of Taraba and Andamawa States, Nigeria. WWF & University of Canterbury.* p 210 ; Codjia, J. T. C., et al, 2003, *Diversity and local valorisation of vegetal edible products in Benin. Cahiers Agricultures* 12:1-12 ; CRÄ%AC'H. ; Cundall, P., (ed.), 2004, *Gardening Australia: flora: the gardener's bible. ABC Books.* p 243 ; Dale, I. R. and Greenway, P. J., 1961, *Kenya Trees and Shrubs. Nairobi.* p 11 ; Danforth, R.M., & Boren, P.D., 1997, *Congo Native fruits. Twenty-five of the best. Privately published.* p 57 ; Dharani, N., 2002, *Field Guide to common Trees & Shrubs of East Africa. Struik.* p 284 ; Djihounouck, Y., et al, 2018, *Diversité Et Importance Socio-Economique Des Espèces Fruitières Sauvages Comestibles En Zone Kasa (Sud-Ouest Du Sénégal). European Scientific Journal December 2018 edition Vol.14, No.36 ISSN: 1857-7881* ; Dransfield, J. & Beentje, H., 1995, *The Palms of Madagascar. Royal Botanical Gardens, Kew and The International Palm Society.* p 54 (*As Borassus sambiranensis*) ; Etherington, K., & Imwold, D., (Eds), 2001, *Botanica's Trees & Shrubs. The illustrated A-Z of over 8500 trees and shrubs. Random House, Australia.* p 134 ; Facciola, S., 1998, *Cornucopia 2: a Source Book of Edible Plants. Kampong Publications,* p 27 ; FAO, 1988, *Traditional Food Plants, FAO Food and Nutrition Paper 42. FAO Rome* p 109 ; Fowler, D. G., 2007, *Zambian Plants: Their Vernacular Names and Uses. Kew.* p 64 ; Fox, F. W. & Young, M. E. N., 1982, *Food from the Veld. Delta Books.* p 99 ; Gallagher, D. E., 2010, *Farming beyond the escarpment: Society, Environment, and Mobility in Precolonial Southeastern Burkina Faso. PhD University of Michigan* ; Gel. Anz. 4:639. 1838 (*Hist. nat.*

palm. 3:221, t. 108, 121, 162. 1838) ; Gibbons, M., 2003, A pocket guide to Palms. Chartwell Books. p 51 ; Gilbert, T., et al, 2017, Diversity and local transformation of indigenous edible fruits in sahelian domain of Cameroon. Journal of Animal & Plant Sciences Vol. 26 (2): 5289-5300 ; Godfrey, J. et al, 2013, Harvesting, preparation and preservation of commonly consumed wild and semi-wild food plants in Bunyoro-Kitara Kingdom, Uganda. Int. J. Med. Arom. Plants. Vol.3 No.2 pp 262-282 ; Goode, P., 1989, Edible Plants of Uganda. FAO p 30 ; Grivetti, L. E., 1980, Agricultural development: present and potential role of edible wild plants. Part 2: Sub-Saharan Africa, Report to the Department of State Agency for International Development. p 43 ; Grubben, G. J. H. and Denton, O. A. (eds), 2004, Plant Resources of Tropical Africa 2. Vegetables. PROTA, Wageningen, Netherlands. p 560 (Also as *Borassus sambiranensis*) ; Gueye, M., et al, 2014, Wild Fruits Traditionally Gathered by the Malinke Ethnic Group in the Edge of Niokolo Koba Park (Senegal). American Journal of Plant Sciences 5, 1306-1317 ; Hanawa, Y., 2013, Wild edible plants used by Guiziga people of far northregion of Cameroon. Int. J. Med. Arom. Plants. Vol 3 (2) : 136-143 ; Haynes, J., & McLaughlin, J., 2000, Edible palms and Their Uses. University of Florida Fact sheet MCDE-00-50-1 p 3 ; Herzog, F., Gautier-Beguin, D. & Muller, K., Uncultivated plants for human nutrition in Cote d'Ivoire. FAO Corporate Document repository. International Conference on Domestication nd Commercialisation of Non Timber species. ; INFOODS:FAO/INFOODS Databases ; Jardin, C., 1970, List of Foods Used In Africa, FAO Nutrition Information Document Series No 2.p 21, 32, 60, 123 (As *Borassus flabellifer* var. *aethiopum*) ; Jardin, C., 1970, List of Foods Used In Africa, FAO Nutrition Information Document Series No 2.p 12 (As *Borassus sambiranensis*) ; Johnson, D.V., 1998, Tropical palms. Non-wood Forest products 10. FAO Rome. p 108 ; Jones, D.L., 1994, Palms throughout the World. Smithsonian Institution, Washington. p 144 ; Katende, A.B., Birnie, A & Tengnas B., 1995, Useful Trees and Shrubs for Uganda. Identification, Propagation and Management for Agricultural and Pastoral Communities. Technical handbook No 10. Regional Soil Conservation Unit, Nairobi, Kenya. p 136 ; Latham, P., 2004, Useful Plants of Bas-Congo province. Latham & DFID p 53 ; Latham, P. & Mbuta, A. K., 2014, Useful Plants of Bas-Congo Province, Democratic Republic of Congo. Volume 1. Salvation Army. p 81 ; Le Houerou, H. N., (Ed.), 1980, Browse in Africa. The current state of knowledge. International Livestock Centre for Africa, Ethiopia. p 163 ; Llamas, K.A., 2003, Tropical Flowering Plants. Timber Press. p 94 ; Lulekal, E., et al, 2011, Wild edible plants in Ethiopia: a review on their potential to combat food insecurity. Afrika Focus - Vol. 24, No 2. pp 71-121 ; Malaisse, F., 1997, Se nourrir en floret claire africaine. Approche écologique et nutritionnelle. CTA., p 59 ; Malaisse, F., 2010, How to live and survive in Zambezian open forest (Miombo Ecoregion). Les Presses Agronomiques de Gembloux. ; Martin, F.W. & Ruberte, R.M., 1979, Edible Leaves of the Tropics. Antillian College Press, Mayaguez, Puerto Rico. p 210 ; Martin, F. W., et al, 1987, Perennial Edible Fruits of the Tropics. USDA Handbook 642 p 47 (As *Borassus flabellifer* var. *aethiopica*) ; Maundu, P. et al, 1999, Traditional Food Plants of Kenya. National Museum of Kenya. p 75 ; Maydell, H. von, 1990 Trees and shrubs of the Sahel: their characteristics and uses. Margraf. p 193 ; Mbuya, L.P., Msanga, H.P., Ruffo, C.K., Birnie, A & Tengnas, B., 1994, Useful Trees and Shrubs for Tanzania. Regional Soil Conservation Unit. Technical Handbook No 6. p 128 ; Mertz, O., Lykke, A. M., and Reenberg, A., 2001, Importance and Seasonality of Vegetable Consumption and Marketing in Burkina Faso. Economic Botany, 55(2):276-289 ; Molla, A., Ethiopian Plant Names. <http://www.ethiopic.com/aplants.htm> ; Muller, J. & Almedom, A. M., 2008, What is ‘Famine Food’? Distinguishing Between Traditional Vegetables and Special Foods for Times of Hunger/Scarcity (Boumba, Niger). Hum Ecol (2008) 36:599–607 ; Msuya, T. S., et al, 2010, Availability, Preference and Consumption of Indigenous Foods in the Eastern Arc Mountains, Tanzania, Ecology of Food and Nutrition, 49:3, 208-227 ; Nyadanu, D., et al, 2015, Agro-biodiversity and challenges of on-farm conservation: the case of plant genetic resources of neglected and underutilized crop species in Ghana. Genet. Resourc. Crop Evol. 62(7); Ojelel, S. & Kakudidi E. K., 2015, Wild edible plant species utilized by a subsistence farming community in the Obalanga sub-county, Amuria district, Uganda. Journal of Ethnobiology and Ethnomedicine. 11:7 ; Ojelel, S., et al, 2019, Wild edible plants used by communities in and around selected forest reserves of Teso-Karamoja region, Uganda. Journal of Ethnobiology and Ethnomedicine (2019) 15:3 ; Oryema, C., et al, 2013, Edible wild fruit species of Gulu District, Uganda. International Journal of Biology and Biological Sciences Vol 2(4) pp 068-082 ; Palgrave, K.C., 1996, Trees of Southern Africa. Struik Publishers. p 69 ; Palmer, E and Pitman, N., 1972, Trees of Southern Africa. Vol. 1. A.A. Balkema, Cape Town p 357 (As *Borassus flabellifer* var. *aethiopum*) ; Peters, C. R., O'Brien, E. M., and Drummond, R.B., 1992, Edible Wild plants of Sub-saharan Africa. Kew. p 37 ; Purseglove, J.W., 1972, Tropical Crops. Monocotyledons. Longmans p 420 ; Riffle, R.L. & Craft, P., 2003, An Encyclopedia of Cultivated Palms. Timber Press. p 276 (As *Borassus sambiranensis*) ; Riffle, R.L. & Craft, P., 2003, An Encyclopedia of Cultivated Palms. Timber Press. p 275 ; Royal Botanic Gardens, Kew (1999). Survey of Economic Plants for Arid and Semi-Arid Lands (SEPASAL) database. Published on the Internet; <http://www.rbge.org.uk/ceb/sepasal/internet> [Accessed 5th May 2011] ; Ruffo, C. K., Birnie, A. & Tengnas, B., 2002, Edible Wild Plants of Tanzania. RELMA p 168 ; Salih, N. K. M., & Ali, A. H., 2014, Wild food trees in Eastern Nuba Mountain, Sudan: Use, diversity, and threatening factors. Journal of Agriculture and Rural Development in the Tropics and Subtropics Vol. 115 No. 1 pp 1-7 ; Schmidt, E., Lotter, M., & McCleland, W., 2007, Trees and shrubs of Mpumalanga and Kruger National Park. Jacana Media p 54 ; Segnon, A. C. & Achigan-Dako, E. G., 2014, Comparative analysis of diversity and utilization of edible plants in arid and semi-arid areas in Benin. Journal of Ethnobiology and Ethnomedicine 2014, 10:80 ; Terra, G.J.A., 1973, Tropical Vegetables. Communication 54e Royal Tropical Institute, Amsterdam, p 29 ; Unwin, A. H., 1920, West African Forests and Forestry. Fisher Unwin Ltd. pdf on Internet p 107 ; USDA, ARS, National Genetic Resources Program. Germplasm Resources Information Network - (GRIN). [Online Database] National Germplasm Resources Laboratory, Beltsville, Maryland. Available: [www.ars-grin.gov/cgi-bin/npgs/html/econ.pl](http://www.ars-grin.gov/cgi-bin/npgs/html/econ.pl) (10 April 2000) ; Vickery, M.L. and Vickery, B., 1979, Plant Products of Tropical Africa. Macmillan. p 99 ; Vivien, J., & Faure, J.J., 1996, Fruitiers Sauvages d'Afrique. Espèces du Cameroun. CTA p 69 ; Walsh, M., 2009, The Use of Wild and Cultivated Plants as famine Foods on Pemba Island, Zanzibar. À‰tudes ocÃ©an Indien. 42-43 ; Wickens, G.E., 1995, Edible Nuts. FAO Non-wood forest products. FAO, Rome. p164 ; Williamson, J., 2005, Useful Plants of Malawi. 3rd. Edition. Mdadzi Book Trust. p 39 ; [www.worldagroforestrycentre.org/treedb/](http://www.worldagroforestrycentre.org/treedb/)

