

Samanea saman (Jacq.) Merr., 1916 (Arbre à pluie)

Identifiants : 28935/samsam

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

Fiche réalisée par Patrick Le Ménahèze

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- **Classification phylogénétique :**

- Clade : Angiospermes ;
- Clade : Dicotylédones vraies ;
- Clade : Rosidées ;
- Clade : Fabidées ;
- Ordre : Fabales ;
- Famille : Fabaceae ;

- **Classification/taxinomie traditionnelle :**

- Règne : Plantae ;
- Division : Magnoliophyta ;
- Classe : Magnoliopsida ;
- Ordre : Fabales ;
- Famille : Fabaceae ;
- Genre : Samanea ;

- **Synonymes :** *Albizia saman* (Jacq.) Merr. 1876 (synonyme, selon GRIN ; nom retenu, selon TPL) ;

- **Synonymes français :** bois noir d'Haïti, arbre de pluie ;

- **Nom(s) anglais, local(aux) et/ou international(aux) :** cow-tamarind, French-tamarind, monkeypod (monkey pod), rain tree (raintree), samán (es), regnträäd (sv) ;



- **Note comestibilité :** ***

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

- **Rapport de consommation et comestibilité/consommabilité inférée (partie(s) utilisable(s) et usage(s) alimentaire(s) correspondant(s)) :** Partie(s) comestible(s) $\mu_{\{0(+x)\}}$: pulpe de la gousse, feuilles, fruit $\mu_{\{0(+x)\}}$.

Utilisation(s)/usage(s) $\mu_{\{0(+x)\}}$ culinaires :

-la couche pulpeuse des gousses mûres est consommée crue ; une boisson est également fabriquée à partir de la pulpe ;

-les jeunes feuilles ont été mangées en salade quand la nourriture est rare/manquante $\mu_{\{0(+x)\}}$.



néant, inconnus ou indéterminés. néant, inconnus ou indéterminés.

- **Note médicinale :** **

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

De gauche à droite :

Par Blanco, M., *Flora de Filipinas*, ed. 3 (1877-1883) *Fl. Filip.*, ed. 3 t. 309, via plantillustrations

Par Britton, N.L., Horne, F.W., *Popular flora of Puerto Rico, Flora Borinqueña [unpublished watercolors] Popular Fl. Puerto Rico t. 451* , via plantillustrations

Par inconnu, via plantillustrations

Par inconnu, via plantillustrations

• Liens, sources et/ou références :

- *agroforestry.net* (en anglais) : <https://agroforestry.net/tti/Samanea-raintree.pdf> ;
- "Handbook of Energy Crops" (en anglais, par James A. Duke), via *Purdue Agriculture (New CROP)* : https://www.hort.purdue.edu/newcrop/duke_energy/Samanea_saman.html ;
- *Wikipedia* :
 - https://fr.wikipedia.org/wiki/Samanea_saman (en français) ;
 - <https://de.wikipedia.org/wiki/Regenbaum> (source en anglais) ;
 - https://en.wikipedia.org/wiki/Albizia_saman (source en anglais) ;
- ⁵"Plants For a Future" (en anglais) : https://pfaf.org/user/Plant.aspx?LatinName=Samanea_saman ;

dont classification :

- "The Plant List" (en anglais) : www.theplantlist.org/tpl1.1/record/ild-41513 ;
- "GRIN" (en anglais) : <https://npgsweb.ars-grin.gov/gringlobal/taxon/taxonomydetail?id=32979> ;

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

dont biographie/références de ⁰"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 46 (As *Samanea saman*) ; Ambasta, S.P. (Ed.), 2000, *The Useful Plants of India. CSIR India.* p 544 (As *Samanea saman*) ; Barwick, M., 2004, *Tropical and Subtropical Trees. A Worldwide Encyclopedic Guide. Thames and Hudson* p 359 (As *Samanea saman*) ; Bodkin, F., 1991, *Encyclopedia Botanica. Cornstalk publishing*, p 905 (As *Samanea saman*) ; Bole, P.V., & Yaghani, Y., 1985, *Field Guide to the Common Trees of India. OUP* p 93 (As *Enterolobium saman*). ; Borrell, O.W., 1989, *An Annotated Checklist of the Flora of Kairiru Island, New Guinea. Marcellin College, Victoria Australia.* p 95 (As *Samanea saman*) ; Burkill, H. M., 1985, *The useful plants of west tropical Africa, Vol. 3. Kew.* (As *Albizia saman*) ; Burkill, I.H., 1966, *A Dictionary of the Economic Products of the Malay Peninsula. Ministry of Agriculture and Cooperatives, Kuala Lumpur, Malaysia. Vol 1 (A-H)* p 942 (As *Enterolobium saman*) ; Condit, R., et al, 2011, *Trees of Panama and Costa Rica. Princeton Field Guides.* p 212 (As *Samanea saman*) ; Cooper, W. and Cooper, W., 2004, *Fruits of the Australian Tropical Rainforest. Nokomis Editions, Victoria, Australia.* p 315 (As *Samanea saman*) ; Cundall, P., (ed.), 2004, *Gardening Australia: flora: the gardener's bible. ABC Books.* p 122 (As *Albizia saman*) ; Ekman Herbarium records Haiti (As *Enterolobium saman*) ; Elevitch, C.R.(ed.), 2006, *Traditional Trees of the Pacific Islands: Their Culture, Environment and Use. Permanent Agriculture Resources, Holualoa, Hawaii.* p 661 (As *Samanea saman*) ; Engel, D.H., & Phummam, S., 2000, *A Field Guide to Tropical Plants of Asia. Timber Press.* p 43, 90 (As *Samanea saman*) ; Etherington, K., & Imwold, D., (Eds), 2001, *Botanica's Trees & Shrubs. The illustrated A-Z of over 8500 trees and shrubs. Random House, Australia.* p 84 (As *Albizia saman*) ; *Flora of Australia Volume 12, Mimosaceae (excl. Acacia) Caesalpiniaceae. Melbourne: CSIRO Australia (1998)* p 32 (As *Samanea saman*) ; French, B.R., 1986, *Food Plants of Papua New Guinea, A Compendium. Asia Pacific Science Foundation* p 383 (As *Samanea saman*) ; Grandtner, M. M., 2008, *World Dictionary of Trees. Wood and Forest Science Department. Laval University, Quebec, Qc Canada. (Internet database <https://www.wdt.qc.ca>)* (As *Samanea saman*) ; Hearne, D.A., & Rance, S.J., 1975, *Trees for Darwin and Northern Australia. AGPS, Canberra* p 103, Pl 31 (As *Samanea saman*) ; Hedrick, U.P., 1919, (Ed.), *Sturtevant's edible plants of the world.* p 506 (As *Pithecolobium saman*) ; *J. Wash. Acad. Sci.* 6:47. 1916 (As *Samanea saman*) ; 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 84 (As *Albizia saman*) ; Kiple, K.F. & Ornelas, K.C., (eds), 2000, *The Cambridge World History of Food. CUP* p 1842 (As *Samanea saman*) ; Lugod, G.C. and de Padua L.S., 1979, *Wild Food Plants in the Philippines. Vol. 1. Univ. of Philippines Los Banos.* p 43 (As *Samanea saman*) ; Martin, F. W., et al, 1987, *Perennial Edible Fruits of the Tropics. USDA Handbook 642* p 99 ; Massal, E. and Barrau, J., 1973, *Food Plants of the South Sea Islands. SPC Technical Paper No 94. Noumea, New Caledonia.* p 42 (As *Samanea saman*) ; 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 92 (As *Albizia saman*) ; Monsalud, M.R., Tongacan, A.L., Lopez, F.R., & Lagrimas, M.Q., 1966, *Edible Wild Plants in Philippine Forests. Philippine Journal of Science.* p 490 (As *Samanea saman*) ; Omawale, 1973, *Guyana's edible plants. Guyana University, Georgetown* p 16 (As *Samanea saman*) ; Peekel, P.G., 1984, (Translation E.E.Henty), *Flora of the Bismarck Archipelago for Naturalists, Division of Botany, Lae, PNG.* p 205, 204 (As *Samanea saman*) ; Pham-Hoang Ho, 1999, *An Illustrated Flora of Vietnam. Nha Xuat Ban Tre.* p 827 (As *Samanea saman*) ; Phon, P., 2000, *Plants used in Cambodia. © Pauline Dy Phon, Phnom Penh, Cambodia.* p 21 (As *Albizia saman*) ; *Royal Botanic Gardens, Kew (1999). Survey of Economic Plants for Arid and Semi-Arid Lands (SEPASAL) database. Published on the Internet; <https://www.rbgekew.org.uk/ceb/sepasal/internet> [Accessed 28th April 2011]* (As *Albizia saman*) ; Sawian, J. T., et al, 2007, *Wild edible plants of Meghalaya, North-east India. Natural Product Radiance Vol. 6(5):* p

421 (*As Samanea saman*) ; Smith, N., Mori, S.A., et al, 2004, *Flowering Plants of the Neotropics*. Princeton. Plate 18 (Photo) (*As Pithecellobium saman*) ; Staples, G.W. and Herbst, D.R., 2005, *A tropical Garden Flora*. Bishop Museum Press, Honolulu, Hawaii. p 324 (Drawing) (*As Samanea saman*) ; Swaminathan, M.S., and Kochnar, S.L., 2007, *An Atlas of Major Flowering Trees in India*. Macmillan. p 134 (*As Samanea saman*) ; Verdcourt, B., 1979, *Manual of New Guinea Legumes*. Botany Bulletin No 11, Division of Botany, Lae, Papua New Guinea. p 207 (*As Samanea saman*) ; Zuchowski W., 2007, *Tropical Plants of Costa Rica*. A Zona Tropical Publication, Comstock Publishing. p 271 (*As Samanea saman*)