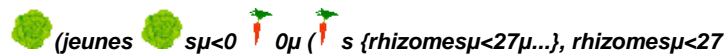


Manihot esculenta Crantz, 1766 (Manioc)

Identifiants : 2156/manesc

Fiche réalisée par Patrick Le Ménahèze ([Le Potager de mes/nos Rêves](#))
Dernière modification le 18/09/2020

- Classification/taxinomie :
 - Famille : Euphorbiaceae ;
- Synonymes : *Manihot dulcis* (J. F. Gmel.) Pax 1910 [*Manihot esculenta* Crantz subsp. *esculenta*], *Manihot utilisissima* Pohl 1827 ;
- Synonymes français : *tapioca*, *yuca*, *cassava*, *gari*, *manioc*, *cassave*, *manioc amer* ;
- Nom(s) anglais et/ou international(aux) : *Brazilian arrowroot*, *Brazilian arrowroot* [subsp. *esculenta*], *cassava*, *cassava* [subsp. *esculenta*], *manioc* [subsp. *esculenta*], *manioc tapioca*, *tapioca* [subsp. *esculenta*], *tapioca-plant* [subsp. *esculenta*], *bitter cassava*, *cassareep*, *cassava root*, *cassripe*, *Kassave* [subsp. *esculenta*] (de), *Maniok* [subsp. *esculenta*] (de), *Brotwurzle* (de), *Mandioka* (de), *mandioca* [subsp. *esculenta*] (pt), *yuca* [subsp. *esculenta*] (es), *canab* (es), *maniok* (sv), *mandioca* (Amérique latine), *chew chi* (cn transcrit), *mok shu* (cn transcrit), *manyokka* (si), *Broodwortelboom* (nl), *Maniok* (nl), *manioca* (it), *cassava* (local), *yuca aipi* (local), *mu shu* (ms), *ubi cayu* (ms), *ubi tanah* (ms), *maravali kelungu* (th) ;



- Note perso : *****
- Rapport de consommation et comestibilité/consommabilité inférée (partie(s) utilisable(s) et usage(s) alimentaire(s) correspondant(s)) : Racine$\mu$$0(+x)\mu$ (racines {rhizomesμ{{27(+x)}/tuberculesμ0(+x)}}

Partie(s) comestible(s)μ{{0(+x)}}

Utilisation(s)/usage(s) comestible(s)μ{{0(+x)}}

- racines consommées comme légume mais surtout source d'amidonμ{{27(+x)}}- les jeunes feuilles sont comestibles après cuisson ; elles sont aussi parfois séchées et stockées ; feuilles cuites comme potherbe, brèdeμ{{(dp*)}}- les graines sont également consomméesμ{{0(+x)}}



Précautions à prendre :

(1*)ATTENTIONμ0(+x)}}

- Autres infos : Plante de très grande importance dans les pays tropicauxμ<math><27(+x)}}- Illustration(s) (photographie(s) et/ou dessin(s)):



De gauche à droite :

Par Koehler F.E. (*Medizinal Pflanzen*, vol. 3: t. 7 ; 1890), via plantillustrations.org

Par Descourtilz M.E. (*Flore médicale des Antilles*, vol. 3: t. 176 ; 1827) [J.T. Descourtilz], via plantillustrations.org

• Liens, sources et/ou références :

◦ **Wikipedia :**

- [https://fr.wikipedia.org/wiki/Manioc_\(en_français\)](https://fr.wikipedia.org/wiki/Manioc_(en_français)) ;
- [https://en.wikipedia.org/wiki/Cassava_\(source_en_anglais\)](https://en.wikipedia.org/wiki/Cassava_(source_en_anglais)) ;
- [https://de.wikipedia.org/wiki/Maniok_\(source_en_allemand\)](https://de.wikipedia.org/wiki/Maniok_(source_en_allemand)) ;

◦ "**Handbook of Energy Crops**" (en anglais, par James A. Duke), via *Purdue Agriculture (New CROP)* :

https://www.hort.purdue.edu/newcrop%20/duke_energy/Manihot_esculenta.html ;

◦ **eol** : <https://eol.org/pages/1154718/overview> ;

◦ **Ladogrove - Médecine des plantes** : <https://www.ladogrove.com/plantes/manihot-esculenta---manioc> ;

dont classification :

- "[The Plant List](#)" (en anglais) ;
- "[GRIN](#)" (en anglais) ;
- [INPI](#) (recherche, en anglais) ;

dont Google (recherche de/pour) "Manihot esculenta" : [pages](#), [images](#) | "[Manioc](#)" : [pages](#) ;

dont livres et bases de données : 0"FOOD PLANTS INTERNATIONAL" (en anglais), 27Dictionnaire des plantes comestibles (livre, page 187, par Louis Bubenicek) ;

dont biographie/références de "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 26 ; ABDELMUTI, ; Achigan-Dako, E, et al (Eds), 2009, *Catalogue of Traditional Vegetables in Benin. International Foundation for Science.* ; Ambasta, S.P. (Ed.), 2000, *The Useful Plants of India. CSIR India.* p 354 ; Anderson, E. F., 1993, *Plants and people of the Golden Triangle. Dioscorides Press.* p 215 ; Arellanes, Y., et al, 2013, *Influence of traditional markets on plant management in the Tehuacan Valley. Journal of Ethnobiology and Ethnomedicine* 9:38 ; Awasthi, A.K., 1991, *Ethnobotanical studies of the Negrito Islanders of Andaman Islands, India - The Great Andamanese. Economic Botany* 45(2) pp 274-280. ; Barrau, J., 1976, *Subsistence Agriculture in Polynesia and Micronesia. Bernice P. Bishop Museum, Bulletin* 223 Honolulu Hawaii. Kraus reprint. p 53 ; Bennett, B. C., 1990, *Useful Plants of Amazonian Ecuador. US Agency for International Development. Fifth Progress Report. New York Botanical Gardens.* p 40 ; Bernholt, H. et al, 2009, *Plant species richness and diversity in urban and peri-urban gardens of Niamey, Niger. Agroforestry Systems* 77:159-179 ; Bianchini, F., Corbetta, F., and Pistoia, M., 1975, *Fruits of the Earth. Cassell.* p 220 (As *Manihot utilisima*) ; Bodkin, F., 1991, *Encyclopedia Botanica. Cornstalk publishing,* p 674 ; Bodner, C. C. and Gereau, R. E., 1988, *A Contribution to Bontoc Ethnobotany. Economic Botany,* 43(2): 307-369 ; Bremness, L., 1994, *Herbs. Collins Eyewitness Handbooks. Harper Collins.* p 115 ; Brouk, B., 1975, *Plants Consumed by Man. Academic Press, London.* p 96 ; Burkill, H. M., 1985, *The useful plants of west tropical Africa, Vol. 5. Kew.* ; Burkill, I.H., 1966, *A Dictionary of the Economic Products of the Malay Peninsula. Ministry of Agriculture and Cooperatives, Kuala Lumpur, Malaysia. Vol 2 (I-Z) p 1434 (As Manihot utilisima) ; Cheifetz, A., (ed), 1999, 500*

popular vegetables, herbs, fruits and nuts for Australian Gardeners. Random House p 81 ; Chin, H. F., 1999, *Malaysian Vegetables in Colour*. Tropical Press. p 56 ; Cobley, L.S. (rev. Steele, W.M.) 2nd Ed., 1976, *An Introduction to the Botany of Tropical Crops*. Longmans. p 116 ; Coe, F. G. and Anderson, G. J., 1999, *Ethnobotany of the Sumu (Ulwa) of Southeastern Nicaragua and Comparisons with Miskitu Plant Lore*. Economic Botany Vol. 53. No. 4. pp. 363-386 ; Cundall, P., (ed.), 2004, *Gardening Australia: flora: the gardener's bible*. ABC Books. p 874 ; Delang, C. O., 2007, *Ecological Succession of Usable Plants in an Eleven-Year Fallow Cycle in North Lao P.D.R.*, *Ethnobotany Research and Applications*. Vol. 5:331-350 ; Etherington, K., & Imwold, D., (Eds), 2001, *Botanica's Trees & Shrubs. The illustrated A-Z of over 8500 trees and shrubs*. Random House, Australia. p 469 ; Facciola, S., 1998, *Cornucopia 2: a Source Book of Edible Plants*. Kampong Publications, p 101 ; Foo, J.T.S.(ed), 1996, *A Guide to Common Vegetables*. Singapore Science Foundation. p 70 ; Fowler, D. G., 2007, *Zambian Plants: Their Vernacular Names and Uses*. Kew. p 26 ; French, B.R., 1986, *Food Plants of Papua New Guinea, A Compendium*. Asia Pacific Science Foundation p 17 ; French, B.R., 2010, *Food Plants of Solomon Islands. A Compendium*. Food Plants International Inc. p 24 ; Goode, P., 1989, *Edible Plants of Uganda*. FAO p 36 ; Goode, P., 1989, *Edible Plants of Uganda*. FAO p 39 ; Grubben, G. J. H. and Denton, O. A. (eds), 2004, *Plant Resources of Tropical Africa 2. Vegetables*. PROTA, Wageningen, Netherlands. p 563 ; Hearne, D.A., & Rance, S.J., 1975, *Trees for Darwin and Northern Australia*. AGPS, Canberra p 84 ; Hedrick, U.P., 1919, (Ed.), *Sturtevant's edible plants of the world*. p 401 (As *Manihot palmata* and *Manihot utilisima*) ; Henty, E.E., 1980, *Harmful Plants in Papua New Guinea*. Botany Bulletin No 12. Division Botany, Lae, Papua New Guinea. p 61, Pl. 20 ; Hernandez Bermejo, J.E., and Leon, J. (Eds.), 1994, *Neglected Crops. 1492 from a different perspective*. FAO Plant Production and Protection Series No 26. FAO, Rome. p18 ; Hu, Shiu-ying, 2005, *Food Plants of China*. The Chinese University Press. p 511 ; Inst. rei herb. 1:167. 1766 ; Jacquat, C., 1990, *Plants from the Markets of Thailand*. D.K. Book House p 76 ; Jardin, C., 1970, *List of Foods Used In Africa*, FAO Nutrition Information Document Series No 2.p 17, 88 ; Jennings, D.L., 1979, *Cassava, in Simmonds N.W.,(ed), Crop Plant Evolution*. Longmans. London. p 81 ; Kay, D.E., 1973, *Root Crops, Digest 2, Tropical Products Institute, London*, p 24 ; Kays, S. J., and Dias, J. C. S., 1995, *Common Names of Commercially Cultivated Vegetables of the World in 15 languages*. Economic Botany, Vol. 49, No. 2, pp. 115-152 ; Kiple, K.F. & Ornelas, K.C., (eds), 2000, *The Cambridge World History of Food*. CUP p 1810 ; Kuo, W. H. J., (Ed.) *Taiwan's Ethnobotanical Database (1900-2000)*, <http://tk.agron.ntu.edu.tw/ethnobot/DB1.htm> ; Lazarides, M. & Hince, B., 1993, *Handbook of Economic Plants of Australia*, CSIRO. p 158 ; Leger, S., 1997, *A Description of Today's Use of Plants in West Bushmanland (Namibia)*. German Development Service. PO Box 220035, 14061 Berlin, Germany. <http://www.sigridleger.de/book/> ; Lembaga Biologi Nasional, 1977, *Ubi-Ubian*, Balai Pustaka, Jakarta. p 100 ; Lembaga Biologi Nasional, 1980, *Sayur-sayuran*. Balai Pustaka, Jakarta. p 98 ; Long, C., 2005, *Swaziland's Flora - siSwati names and Uses* <http://www.sntc.org.sz/flora/> ; Lord, E.E., & Willis, J.H., 1999, *Shrubs and Trees for Australian gardens*. Lothian. p 246 ; Macmillan, H.F. (Revised Barlow, H.S., et al) 1991, *Tropical Planting and Gardening*. Sixth edition. Malayan Nature Society. Kuala Lumpur. p 340 ; Malaisse, F., 1997, *Se nourrir en floret claire africaine. Approche ecologique et nutritionnelle*. CTA., p 63 ; Martin, F.W., & Ruberte, R.M., 1979, *Edible Leaves of the Tropics*. Antillian College Press, Mayaguez, Puerto Rico. p 33, 192 ; Massal, E and Barrau, J., 1973, *Food Plants of the South Sea Islands*. SPC Technical Paper No 94. Nounea, New Caledonia. p 21-23 ; Norrington, L., & Campbell, C., 2001, *Tropical Food Gardens*. Bloomings Books. p 27 ; Ochse, J.J. et al, 1931, *Vegetables of the Dutch East Indies*. Asher reprint. p 280 (As *Manihot utilisima*) ; Omawale, 1973, *Guyana's edible plants*. Guyana University, Georgetown p 87 ; Onwueme, I.C., 1978, *The Tropical Tuber Crops*. Wiley, p 109 ; Oomen, H.A.P.C., & Grubben, G.J.H., 1978, *Tropical Leaf Vegetables in Human Nutrition, Communication 69, Department of Agricultural research, RTI Amsterdam*, p 8, 36, 66, 101, 121 ; Owen, S., 1993, *Indonesian Food and Cookery*, INDIRA reprints. p 88 ; Peekel, P.G., 1984, (Translation E.E.Henty), *Flora of the Bismarck Archipelago for Naturalists, Division of Botany, Lae, PNG*. p 313, 314 ; Phon, P., 2000, *Plants used in Cambodia*. © Pauline Dy Phon, Phnom Penh, Cambodia. p 428 ; *Plants of Haiti Smithsonian Institute* <http://botany.si.edu/antilles/WestIndies> ; Purseglove, J.W., 1968, *Tropical Crops Dicotyledons*, Longmans. p 172 ; Rashid, H. E., 1977, *Geography of Bangladesh*. Westview. p 269 (As *Cassava aipi*) ; Recher, P, 2001, *Fruit Spirit Botanical Gardens Plant Index*. www.nrg.com.au/~recher/seedlist.html p 2 ; Schneider, E., 2001, *Vegetables from Amaranth to Zucchini: The essential reference*. HarperCollins. p 727 ; Seeman, B., 1865-1873, *Flora Vitiensis* p 230 ; Sharma, B.B., 2005, *Growing fruits and vegetables*. Publications Division. Ministry of Information and broadcasting. India. p 233 ; Smith, K., 1998. *Growing Uncommon Fruits and Vegetables*. New Holland. p 34 ; Solomon, C., 2001, *Encyclopedia of Asian Food*. New Holland. p 67 ; Terra, G.J.A., 1973, *Tropical Vegetables*. Communication 54e Royal Tropical Institute, Amsterdam, p 57 ; Thaman, R.R., 1976, *The Tongan Agricultural System*, University of the South Pacific, Suva, Fiji. p 410 ; Tindall, H.D., & Williams, J.T., 1977, *Tropical Vegetables and their Genetic Resources*, International Board for Plant Genetic Resources, Rome, p 105 ; Tindall, H.D., 1983, *Vegetables in the Tropics*, Macmillan p 225 ; Tredgold, M.H., 1986, *Food Plants of Zimbabwe*. Mambo Press. p 73 ; van Wyk, B., 2005, *Food Plants of the World. An illustrated guide*. Timber press. p 241 ; van Wyk, Be., & Gericke, N., 2007, *People's plants. A Guide to Useful Plants of Southern Africa*. Briza. p 90 ; Vickery, M.L. and Vickery, B., 1979, *Plant Products of Tropical Africa*, Macmillan. p 16 ; WALKER, ; Walter, A. & Lebot, V., 2007, *Gardens of Oceania*. ACIAR Monograph No. 122. p 100 ; Williams, C.N., Chew, W.Y., and Rajaratnam, J.A., 1989, *Tree and Field Crops of the Wetter Regions of the Tropics*. Longman, p 204 ; Williamson, J., 2005, *Useful Plants of Malawi*. 3rd. Edition. Mdadzi Book Trust. p 160 ; Woodward, P., 2000, *Asian Herbs and Vegetables*. Hyland House. p 92 ; Xu, You-Kai, et al, 2004, *Wild Vegetable Resources and Market Survey in Xishuangbanna, Southwest China*. Economic Botany. 58(4): 647-667. ; Yuncker, T.G., 1959, *Plants of Tonga*, Bernice P. Bishop Museum, Hawaii, Bulletin 220. p 165 ; Zaldivar, M. E., et al, 2002, *Species Diversity of Edible Plants Grown in Homegardens of Chibehan Amerindians from Costa Rica*. Human Ecology, Vol. 30, No. 3, pp. 301-316 ; Zon, A.P.M. van der, Grubben, G.J.H., 1976, *Les legumes-feuilles spontanes et cultives du Sud-Dahomey*, Communication 65, Royal Tropical Institute, Amsterdam, p 76 ; Zuchowski W., 2007, *Tropical Plants of Costa Rica*. A Zona Tropical Publication, Comstock Publishing. p 175