

# Exploring Knowledge about Cultivation, Collection and Medicinal uses 'Abelmoschus esculentus L'

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**Abstract:** Medicinal plants are the nature's gift to human being to have disease-free healthy life. It plays a vital role to preserve our health. In recent times, the use of herbal products has increased tremendously in the western world as well as developed countries. India is one of the most medico-culturally diverse countries in the world where the medicinal plant sector is part of a time-honored tradition that is respected even today. Medicinal plants are believed to be safer and proved elixir in the treatment of various ailments. *Abelmoschus esculentus* (*Okra*) is an important medicinal plant of tropical and subtropical India. Its medicinal usage has been reported in the traditional systems of medicine such as Ayurveda, Siddha and Unani.

**Keywords:** Okra, Abelmoschus esculentus, Bhindi

## REFERENCES

- [1]. Kochhar, S.L., 1986. Okra (Lady's finger) In: Tropical crops, a textbook of economic Botany. Editor S.L., Kochhar, pp: 263-264.
- [2]. Tindall, H.D., 1986. Vegetables in the Tropics A textbook. Editor H.D. Tindall, pp: 328.
- [3]. Sowumi, O. and A. Chukwudebe, 1979. The effect of Ageat harvesting on the chemical composition of okra fruit. *Abelmoschus esculentus*. Rep. Nig. Stored. Prod. Res. Inst. 1979/80 (Issued in 1983), pp: 111-116.
- [4]. Shalau Jeff, 2002. Backyard Gardener. Available at <http://ag.arizona.edu/yavapai/anr/hort/byg/>.
- [5]. Symons, J.S. and C. Kouame, 2004. *Abelmoschus Esculentus*. In plant resources of tropical Africa 2 Vegetable. Editors Grubben G.J.H and O.A. Denton, Published by PROTA foundation Netherlands, pp: 21-29.
- [6]. Herbal Online Pharmacy World of Herbal Remedies and Alternative Medicine. Available at <http://www.oshims.com/herb-directory/o/okra.7>.
- [7]. Facciola. S. Cornucopia – A Source Book of Edible Plants. Kampong Publications 1990 ISBN 0-9628087-0-9.
- [8]. Huxley. A. The New RHS Dictionary of Gardening. 1992. MacMillan Press 1992 ISBN 0-333-47494-5.
- [9]. Phillips. R. & Rix. M. Vegetables Macmillan Reference Books, London. 1995 ISBN 0 333 62640 0.
- [10]. Rice. G. (Editor) Growing from Seed. Volume 1. Thompson and Morgan. 1987.
- [11]. Murashige, T. and F. Skoog. (1962). A revised medium for rapid growth and Bioassays with tobacco tissue culture. *Physiol Plant* 15: 473-497.
- [12]. Esau, K. (1965). Plant Anatomy, John Wiley & Sons, New York.
- [13]. Abdul Baki, A.A. and J.P. Anderson, 1973. Vigour determination in Soybean seed by multiple criteria, *Crop Sci.*, 13: 630-3.
- [14]. Dubois, M., K.A. Giltes, J.K. Hamilton, P.A. Rebers and F. Smith, 1956. Carbohydrate estimation by phenol-sulphuric acid method. *Annual Chemistry*, 26: 350-51.
- [15]. Lowry, O.H, N.J. Rosen Brough, A.L. Farr and R.J. Randall, 1951. Protein measurement with the folin phenol reagent, *J. Biol. Chemistry*, 193: 265-75.
- [16]. Miller, G.L., 1959. Use of Dinitrosalicic acid reagent from determination of reducing sugar, *Annual Chemistry*, 31:426-8.



- [17]. S. K. Torkpo, E. Y. Danquah, S. K. Offei, E. T. Blay. Esterase, total protein and seed storage protein diversity in okra. West Africa journal of applied ecology. Vol 9, 2006, 8-18.
- [18]. Hedrick. U. P. Sturtevant's Edible Plants of the World. Dover Publications 1972 ISBN 0-486-20459-6.
- [19]. Grieve. A Modern Herbal. Penguin 1984 ISBN 0-14-046-440-9.
- [20]. Chopra. R. N., Nayar. S. L. and Chopra. I. C. Glossary of Indian Medicinal Plants (Including the Supplement)

