

SHORT COMMUNICATION

Seed paste of *Sorghum bicolor* (L.) Moench (Poaceae): A new source for the treatment of corn

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ABSTRACT

The use of sorghum biocolor (L.) seed paste as a folklore remedy of corns has been recorded for the first time in the rural/tribal communities of Ratlam District of M.P. (India).

Key Words

Corn

Ethnomedicine

Madhya Pradesh

Ratlam district

Sorghum bicolor

REPORT

Sorghum bicolor (L.) Moench (Poaceae) is commonly cultivated for their grain throughout Ratlam a district in Western Madhya Pradesh. The seed paste of this grain crop has been found to be very effective in the treatment of corn. A corn is a distinctively shaped callus of dead skin that usually occurs on thin or glabrous (hairless and smooth) skin surfaces, especially on the dorsal surface of toes or fingers. They can sometimes occur on the thicker palmar or plantar skin surfaces also.

S. biocolor is a tall annual grass with broad linear leaves with a prominent white midrib. The spikelets are large, broad, and hairy; pedicelled usually neuter, pedicels short. Flowering & Fruiting occur during September-October. This species is known by various local names like 'Juwar' and 'Juar' in Ratlam district. It is also known as 'Juar' in Bengali, 'Indian Millet' in English, 'Juar' in Hindi,

'Jola' in Kannada, 'Jwari' in Marathi, 'Cholam' in Tamil and 'Jonnalu' in Telugu. The grain of *Sorghum bicolor* is cooling; aphrodisiac; constipating; improves appetite and taste, useful in biliousness; piles, ulcers; tumours (Kirtikar and Basu, 1998). Some ethnomedicinal reports are also available from Haryana region about its being useful in Baldness (Lal and Yadav, 1983).

In the present study, this plant has been found to be very effective in the treatment of corn. The grains of *Sorghum bicolor* are used by the local people after they are soaked in the water for an overnight, and ground with water to make a paste. This paste is applied to the corn affected area of the patient and wrapped it with the help of cotton bandage. Everyday fresh paste is prepared and applied. This process is continued for 5-7 days depending upon the condition of the patient and size of the corn. It was observed that corn affected patients were successfully cured. During the last

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2 years, extensive testing of tribal knowledge has been carried out by the author to access its efficacy for treating corn. This effort was found to be effective with almost 100% success among the patients. Further pharmacological investigations are required to reconfirm these findings. The above reported use of this plant species has not been recorded earlier by any other worker (Jain, 1991).

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**FORTHCOMING CONFERENCES/SYMPOSIA/MEETINGS ON
PLANT SCIENCES AND ALLIED AREAS**

Title	Event Date	Venue	Contact Links
International conference on applied science and sustainable engineering technology	April 2-3, 2021	Amsterdam, Netherlands	https://glonar.org/aset-21/
3rd International conference on natural and applied science and engineering	April 16-18, 2021	Isparta, ONLINE, Turkey	http://www.icnasen.org
EMBO work shop on international plant systems biology	April 26-27, 2021	Virtual	https://meetings.embo.org/event/20-plant-systems
International conference on materials science and chemistry engineering	May 26-28, 2021	Qingdao, Shandong, China	http://www.ic-msce.net
4th International conference on pure sciences and agricultural sciences	May 26-29, 2021	Kemer, Antalya, Turkey	http://www.icpas.info
11th International conference on environmental and agricultural engineering	June 5-7, 2021	Bangkok, Thailand	http://www.iceae.org/
2nd Advanced chemistry world congress	June 14-15, 2021	Berlin, BB, Germany	https://advanced-chemistry.peersalleyconferences.com/
12th International conference on nanotechnology: Fundamentals and applications	July 29-31, 2021	Prague, Czech Republic	https://icnfa.com/
7th International conference on biotechnology and bioengineering	Aug. 5-7, 2021	Prague, Czech Republic	https://bbseries.org/
7th International conference on agricultural and biological sciences	Aug. 8-11, 2021	Jinzhou, Liaoning, China	http://www.absconf.org/
International congress on impacts of climate change on agriculture, ecosystems and human health	Aug. 17-19, 2021	Miri, Sarawak, Malaysia	http://www.climateconf2021.com
13th International conference on research in life-sciences & healthcare	Aug. 27-28, 2021	Barcelona, Spain	https://hbsraevents.org/conference/barcelona-icrlsh-27-28-august-2021
5th World Cancer Congress	Sep. 25-26, 2021	New Delhi, India	https://worldcancercongress.in/
6th Edition of global conference on plant science and molecular biology	Sep. 30 - Oct 02, 2021	Paris, France	http://plant-science-biology-conferences.magnusgroup.org/

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