



CSIR IN MEDIA

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Farm-ready, a profit & potent turmeric variety

CSIR-CIMAP

Turmeric farmers in India have some good news. A new variety named CIM-Pitamber is available for commercial cultivation.

It holds much promise for a large number of traditional Indian homes where turmeric (*curcuma longa*) is not just one of the popular spices, but also a valuable first aid-cum medical ingredient to tackle a range of anti-inflammatory problems.

Scientists at the Lucknow-based Central Institute for Medicinal and Aromatic Plants, CSIR-CIMAP conducted extensive research for eight years to identify and finally develop the high yielding variety. An average yield of 50 tonnes of rhizomes/ha, containing more than 10 per cent curcuminoids has been demonstrated in multi-centre field trials.

One of the super yielding varieties with expected production of 60-65 tonnes of rhizomes/ha also contains more than 12.5 per cent curcuminoids. The general duration of the crop is 180-190 days, scientists said.

The active ingredient curcumin has a wide spectrum of medicinal properties. These include anti-inflammatory, wound healing, anti-cancer, antioxidants, anti-microbial as well as anti-aging properties.

Super clones

The scientists used genetic techniques on 130 germplasms collected from different places to select, cultivate, differentiate characteristics and finally develop super clones. The CIM-Pitamber is tolerant to the common leaf blotch disease, affecting the turmeric crop.

The variety will be able to produce rhizomes, with 90 per cent more curcuminoids and yields, more than double the existing varieties, and IISR Pratibha, now grown in North Indian plains.

This will enable the farmers to double their yields and also significantly raise their income, the Institute said. The variety was unveiled by Prime Minister Narendra Modi on the 75th foundation Day of CSIR, which has 38 national labs, on September 26.

Andhra Pradesh, Telangana, Tamil Nadu and the South generally account for 70 per cent of turmeric production. Trading happens in the major markets in Erode (TN), Duggirala (AP) and Nizamabad in Telangana said Kotesh Kumar, in-charge, at CIMAP's Centre in Hyderabad.

India is the largest producer and exporter of turmeric and accounts for nearly 80 per cent of the global production. The spice is cultivated on over 150,000 ha in at least eight large States.

The estimated consumption of the spice domestically is about 100 mg per capita, amounting to around 480,000 tonnes per annum. However, turmeric farmers have been facing trouble with stagnation in yields and inadequate market price.

M SOMASEKHAR | Oct 25, 2016

Source: www.thehindubusinessline.com/economy/agri-business/farmready-a-profit-potent-turmeric-variety/article9267822.ece

CSIR-IICT

डॉ. प्रथमा को ओपीपीआई महिला वैज्ञानिक अवॉर्ड प्रदत्त

हैदराबाद, 24 अक्टूबर-(मिलाप ब्यूरो)



मुंबई में आयोजित समारोह में नगर के सीएसआईआर-आईआईसीटी की वैज्ञानिक डॉ. प्रथमा मेनकर को प्रतिष्ठित ओपीपीआई महिला वैज्ञानिक अवॉर्ड-2016 प्रदान किया गया। आज यहाँ जारी प्रेस विज्ञप्ति के अनुसार, डॉ. प्रथमा ने फॉर्मस्युटिकल्स उद्योग में उल्लेखनीय योगदान दिया है। कैंसर, टी.बी. एवं सीएनएस से संबंधित रोगों के उपचार के लिये दवाइयों की खोज में उन्होंने महत्वपूर्ण भूमिका निभाई है। डॉ. प्रथमा को पुरस्कार स्वरूप 1 लाख रुपये नगद एवं स्मृति चिह्न भेंट किया गया। कार्यक्रम में फॉर्मा उद्योग, रसायन क्षेत्र के शोधकर्ता, राजनीतिज्ञ एवं गणमान्य लोग उपस्थित थे।

సీఎస్ఐఆర్ శాస్త్రవేత్తకు ప్రతిష్ఠాత్మక అవార్డు

● ఓపీపీఐ ఉమెన్స్ సైంటిస్ట్ అవార్డు అందుకున్న డా. ప్రథమా

ఆంధ్రజ్యోతి, హైదరాబాద్: సీఎస్ఐఆర్లో సీనియర్ ప్రిన్సిపల్ శాస్త్రవేత్త డాక్టర్ ప్రథమాకు అరుదైన గౌరవం దక్కింది. 2016 సంవత్సరానికి గానూ ది ఆర్గనైజేషన్ ఆఫ్ ఫార్మాసుటికల్ ప్రొడ్యూసర్స్ ఆఫ్ ఇండియా(ఓపీపీఐ) ఉమెన్స్ సైంటిస్ట్ అవార్డును ఆమె అందుకున్నారు. ముంబైలో ఇటీవల జరిగిన ఓ కార్యక్రమంలో ఆమెకు ఈ అవార్డును ప్రధానం చేశారు. అవార్డు కింద రూ. లక్ష నగదు, మెమెంటో అందజేశారు. కేన్సర్, టీబీ వ్యాధుల నివారణకు కావాల్సిన ఔషధాలను కనిపెట్టడంలో ఆమె విశేష కృషి చేశారు.

