



CMFRI develops capsule to fight hypertension

Derived from seaweeds, this is sixth in a series of nutraceutical products developed by the institute

SPECIAL CORRESPONDENT
KOCHI

The Central Marine Fisheries Research Institute (CMFRI) has come up with a nutraceutical product from the sea to combat hypertension.

The product, Cadalmin™ Antihypertensive extract (Cadalmin™ AHe), was developed from seaweeds commonly available in Indian coastal waters and are known for their extraordinary medicinal properties, said a release here on Tuesday.

To be taken orally

“Bioactive pharmacophore leads from seaweeds were used to develop this product, which can be administered orally to regulate hypertension, which is one of the risk



Trilochan Mohapatra, Secretary, Department of Agriculture Research and Education, releasing Cadalmin, an anti-hypertensive product developed by the CMFRI, in Kochi on Tuesday.

factors for stroke, heart attack, heart failure, and arterial aneurysm, and is a leading cause of chronic kidney failure. This is sixth in a series of nutraceutical products developed by the CMFRI. The institute has already developed and commercialised natural products for diseases such

as diabetes, arthritis, cholesterol, and hypothyroid,” the release said.

Trilochan Mohapatra, Secretary, Department of Agriculture Research and Education and Director General of Indian Council of Agricultural Research (ICAR), released the product

at a function held at the CMFRI.

Bioactive ingredients

“The extract contains 100% natural marine bioactive ingredients from selected seaweeds by a patented technology, and would be made available in 400 mg capsules. This nutraceutical

does not have any side effects as established by detailed preclinical trials,” said Kajal Chakraborty, senior scientist at the CMFRI, who developed the product. A. Gopalakrishnan, Director, ICAR-CMFRI, said entrepreneurs and start-ups are welcome to upscale and market this product by expression of interest (EOI) with the CMFRI.

“The institute is in the process of developing more health products from the underutilised seaweeds. Efforts are on for standardising and promoting seaweed farming all along the Indian coast as a livelihood option for the coastal communities. This is expected to compensate for the dip in income for the fishermen during lean seasons,” he said.