

## Arrowroot and *Awapuhi* Wild Ginger Flour

### Salient features

- Shelf stable flour from freshly harvested Arrowroot (*Curcuma angustifolia* L.) and *Awapuhi* wild ginger (*Zenzuber zerumbet*)
- Technology for the production of powder without bitterness

### Advantages

- ✓ Simple solution for removing bitterness of Arrowroot and *Awapuhi* wild ginger
- ✓ Value addition to underutilized rhizomes.



Tikhur sweet milk bricks

### Process

### Technology / product developed by

Dr. M. Madhava Naidu, Department of Spices & Flavour Science  
CSIR-Central Food Technological Research Institute (CFTRI), Mysore, Karnataka.  
E mail: [mmnaidu@cftri.res.in](mailto:mmnaidu@cftri.res.in)  
Dr. Manisha Guha, Dr. Ravi Ramasamy, CSIR-CFTRI, Mysore, Karnataka

### Year

2015-16

### Source of funding

MoFPI

### More information

#### Status of commercialization / Patent / Publication

Shwetha, K., Pradeep, K., Vedhashree, M., Ramsamy, R. and Madhava Naidu, M. 2015. Isolation, characterization of *Zenzuber zerumbet* starch. In: Symposium on Spices and Aromatic Crops (SYMSAC –VIII) Towards 2050 - Strategies for sustainable spices production, Indian Society for Spices, Kozhikode, Kerala, 16-18 Dec.

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Shwetha, K., Guha, M. and Madhava Naidu, M. 2017. Nutritional and physicochemical characteristics of *curcuma angustifolia* (tikur) starch. In: National Conference on Spices: Challenges and Opportunities (NCS-2017), CSIR-CFTRI, Mysore, 2-3, Feb.

Sivanandhini, T. and Madhava Naidu, M. 2017. Effect of pretreatment on removal of bitterness from *Curcuma angustifolia* rhizomes. ICFOST 2017, IICT Hyderabad, 7-9, Dec.

Sivanandhini, T. and Madhava Naidu, M. 2018. Processing of tikhur ad (*Curcuma angustifolia. L*) and its value addition. In: Symposium on Spices and Aromatic Crops (SYMSAC–IX) on Spices for doubling farmer’s income, SASRD, Nagaland University, Nagaland, 15-17, March