

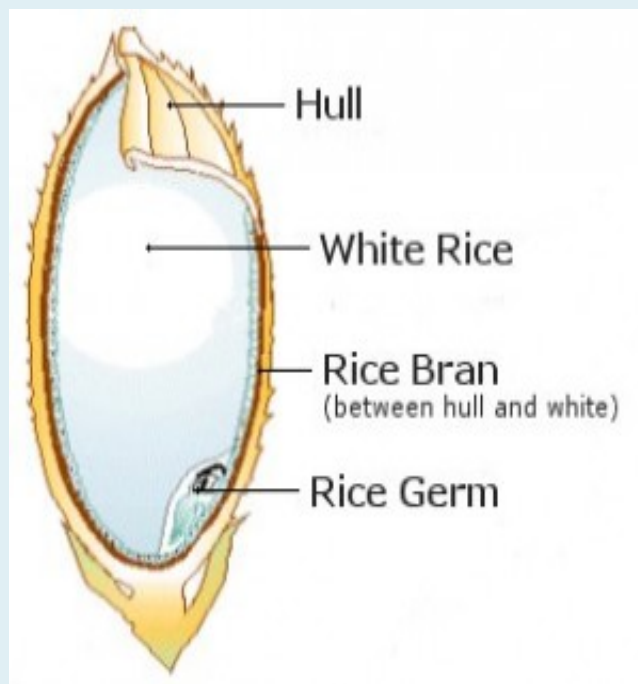
## Thiamine Powder from Rice and Wheat Brans

### Salient features

- Use of subcritical water a solvent to hydrolyze rice and wheat brans, and extract and oil.
- Use of subcritical water for the extraction of thiamine and other high value substances from rice and wheat brans.
- Lyophilization of thiamine to produce powder

### Advantages

- ✓ Boost immune system



### Process Technology / product developed by

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### Year

2012-13

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MoFPI

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*More  
information*

**Status of commercialization / Patent / Publication**

Chaitanya, K.V. and Sk. Khasim Beebi. 2012. Role of thiamine in human metabolism. Journal of Pharmacy Research, 5 (11): 5144-5148.

Chaitanya, KL.V., Ch. Rama Krishna, Sk. Khasim Beebi and Divya, K. 2015. Supercritical Fluid extraction of functional ingredients from plants: A review. Current Biochemical Engineering.