

WHAT IS BIORIZ...

BIORIZ is a precious and useful aid for the filtration of beer wort, rennet and all food liquids in general. It is widely used in the filtration of beer wort (from the simplest forms to, and above all, the more complex ones) rich in rye or beers produced with malts which have a high percentage of grains without glumes. Since it is a very voluminous material only small amounts are required: approx 500q/1kg per 20 litres of

beer. It does not alter the organoleptic qualities of the beer and is 100% natural, dedusted and steam sterilized at 130°C, totally ecofriendly and easily disposable at the end of its cycle of use. It is available all year round in 200 l packages (approx. 20 kg)

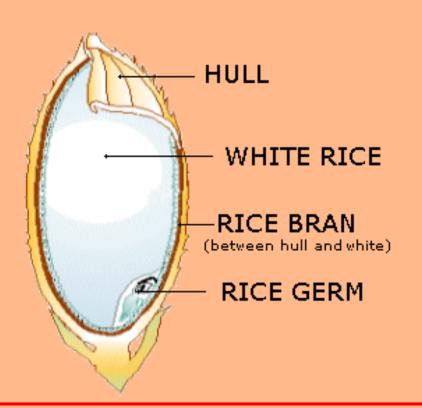
- STEAM STERILIZED 130 °C
- DEDUSTED
- ECONOMICAL
- VEGETABLE AND NATURAL
- DOES NOT ALTER THE ORGANOLEPTIC CHARACTERISTICS
- ALWAYS AVAILABLE
- DOES NOT ROT
- IMPREGNABLE TO INSECTS
- 100% ITALIAN PRODUCT



RICE HUSK

STERILIZATION

It is a by-product obtained from rice processing known as dehulling. This operation allows the siliceous floral bract commonly known as rice husk to be separated by means of rubbing with specific shelling or hulling machines. At this point in the process the rice husk is ready to be transferred into the dedusting system and later for packaging.

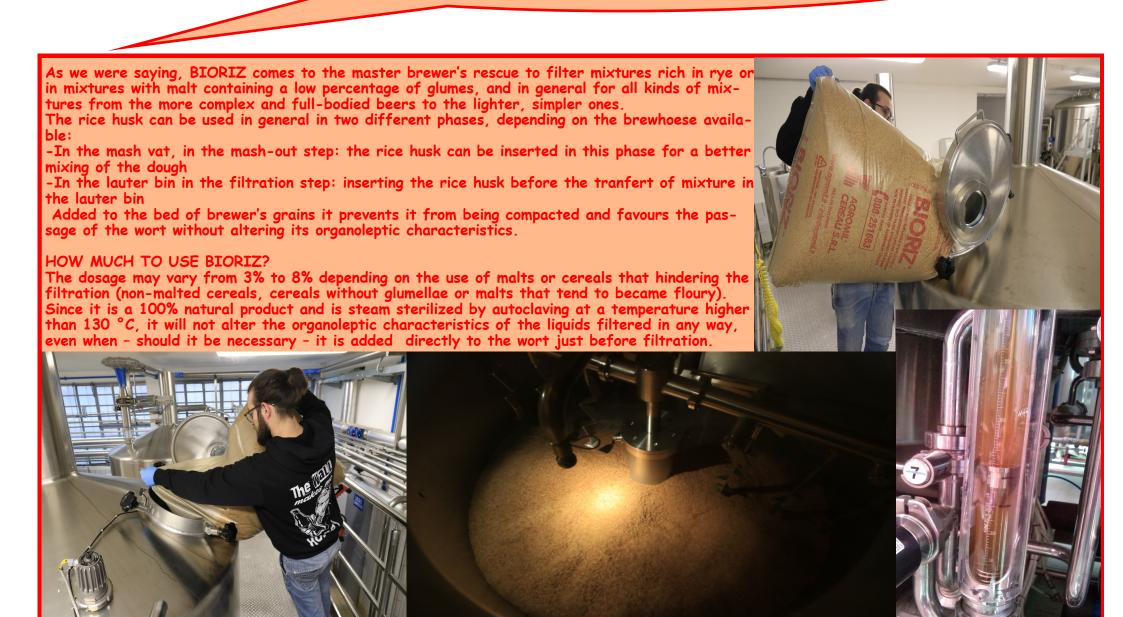


The sterilization process occurs when the rice husk is still an integral part of the rice grain.

This processing enables the rice mills to obtain a particular kind of rice called "Parboiled" resistant to longer cooking times and with greater preservation capabilities. The rough rice is soaked in large tanks of hot water, then undergoes high temperature steam (130° C approx.) vacuum treatment and finally is rapidly dried. In this final and only stage of the cooking process the rice husk is sterilized without any pesticides or weed killers which may have been present before harvesting and is ready for the final process of separation from the rice grain, dedusting and packaging.



HOW AND WHY TO USE BIORIZ...



THE CHEMICAL CHARACTERISTICS...

Nutrient (dry basis)	IR29	IR32
Crude fibre (%)	36.0	38.3
Neutral detergent fibre (NDF) (%)	84.3	83.9
Acid detergent fibre (ADF) (%)	78.4	80.5
Hemicellulose (%)	5.9	3.4
Cellulose (%)	34.1	37.0
Cutin (%)	6.7	5.7
Permanganate lignin (%)	11.7	13.3
Insoluble silica (%)	25.9	24.5
Energy content (j/g)	12.9	13.1
Crude protein (% N x 6.25)	1.9	1.8
Lysine (g/16 g N)	4.4	3.9
Proline (g/16 g N)	12.2	10.9



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With thanks to:







