

# PRIBINA – A NEW AMARANTH VARIETY



## PRIBINA IS YOUR PROMISING CROP FOR THE FUTURE

BRED BY THE INSTITUTE OF PLANT GENETICS AND BIOTECHNOLOGY OF PLANT SCIENCE AND BIODIVERSITY CENTER SAS IN COOPERATION WITH THE UNIVERSITY OF PREŠOV

### BASIC INFORMATION

Very promising crop for the future thanks to its valuable characteristics in combination with adaptation to a wide range of growing regions

### POSSIBILITIES OF USE

- cultivation for seed with potential utilization in the food industry for the production of healthy and special foods for the health support of the population (e.g. for the production of gluten-free cereal products needed for people suffering from celiac disease)
- good possibilities for use also in pharmaceutical and cosmetic industry thanks to uniquely small starch grains

### CURRENT STATE

- registration in SR in the State Variety Book under the registration number 7056
- granted certificate in SR registered under the number 731 in the National Register of Varieties
- award "Golden Sickle" in the competition of exhibits at the International Agricultural and Food Exhibition AGROKOMPLEX 2015 in Nitra

### FOR MORE INFORMATION PLEASE CONTACT

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### VARIETY CHARACTERISTICS

- result of mutation breeding carried out by radiation mutagenesis of the original genotype "Ficha"
- medium early variety of high stature and of grain type with an average weight of 1000 seeds of **0.96 g**



### COMPETITIVE ADVANTAGE

- increased seed production potential while maintaining high nutritional value with a number of biologically valuable substances
- very high nutritional value with high protein content (16 - 18%)
- well-balanced composition of essential amino acids
- high content of calcium, potassium, magnesium, iron and phosphorus
- relatively high fiber content (5 - 25%)
- increased folate content
- tolerance to drought and to high temperatures
- possibility of cultivation also in arid and semiarid conditions
- ability to grow also in poorer soils that are not suitable for cereals
- high adaptability to altitude

**BREEDERS ARE LOOKING FOR PARTNERS FOR LICENSING THE VARIETY**