

## **SPRING GRAINS**

### **IZERA (A) spring wheat NOVELTY**

- Golden medal Poznań 2014
- excellent balance of all technological aspects
- high yield in all production areas
- 5 days earlier maturity than TYBALT variety
- plant height 95 cm with high resistance to lodging
- resistant to leaf, stem and spike diseases
- balanced high content of proteins and gluten
- sowing rate 300 kg/ha (4,5 - 5 - million sprouting seeds)

### **WERBENA (A) spring wheat**

- early variety, registered in 2009
- plant height 75 - 80 cm, resistant to lodging
- high protein and gluten content
- resistant to fuzaria
- sowing rate approx. 300 kg/ha (4,5 - million sprouting seeds)

### **SMH 87 facultative spring hard wheat NOVELTY**

- novelty awn variety registered in 2011
- plant height approx. 90 cm, resistant to lodging
- excellent quality for pasta and couscous production
- excellent health condition, high protein content
- seed yield matches spring varieties
- resistant to mildew
- unrivalled parameters
- sowing rate 4,5 - 5 (million sprouting seeds)

### **BONDKA wheat spring doublegrain NOVELTY 2015**

- The awn spring variety with long awns
- Four-thick medium length ears of corn
- excellent state of health
- the use of grains for the production of baked goods, cereals and beer
- plant high stature
- the grain of red color
- medium-late term earing and ripening

### **LAMELA wheat spring doublegrain NOVELTY 2015**

- the spring variety with short ears with long awns
- excellent state of health
- the grain of red color
- late term earing and ripening
- lodging before the harvest "5"
- We recommend growth regulators (offsetting support, reduction of straws)
- cultivation in beets and potatoes of the production areas, in the foothill and mountain regions
- suitable for the manufacture of cereal bread and organic products

### **OSTKA SMOLICKA (A) facultative spring wheat NOVELTY**

- awn variety registered in 2010
- awarded golden medal 2013 Poland
- balanced yield, facultative variety
- class A quality, plant height approx. 90 cm
- suitable to the areas with high wild boar population
- suitable for organic farming
- excellent baking quality, red coloured grain
- highly resistant to pre-harvest sprouting and lodging
- good resistance to fuzaria and septoria of spike and leaf - suitable for organic farming
- resistant to spring frosts, survived bitter frosts in 2012
- sowing rate 4,5 - 5 (million sprouting seeds)

### **TYBALT (A) facultative spring wheat**

- medium late variety with average count of tillering
- short straw plant (82 cm) with medium resistance to lodging
- very good resistance to mildew and brown rust
- sowing rate 4,5-5 (million sprouting seeds)
- most popular variety in North-Western Europe

### **GAWROSZ naked barley** **NOVELTY**

- high content of starch
- variety for gluten-free food
- 30% higher protein content to standard
- 1,2-2,2% higher content of beta-glucan to standard
- the thin skin of the wrinkle-free, suitable for peeling
- excellent components to the high energy of mixtures for pigeons and other birds
- high and reliable yield, equal to former varieties
- high relative weight (113% to standard)
- good health, resistance to *Pyrenophora teres*, *Rhynchosporium secalis*, *Blumeria graminis*
- tolerates aluminium ions toxic content
- medium resistance to lodging
- high proportion of grains

### **MACZO naked oat**

- registered in 2010
- largest seed size of all short oat varieties
- early variety tolerant to soil acidity
- high content of proteins and fats
- very good yield and resistant to lodging (plant height approx. 99 cm)
- high resistance to all fungal diseases
- when full ripe the seeds do not fall out of the panicle
- suitable for cereals
- very good seed yield, top seed yield up to 6t/ha
- sowing rate 5 million sprouting seeds

### **MATEJKO spring facultative triticale**

- medium early variety of wheat type
- high yield prospect (108%)
- resistant to mildew and rust
- good tolerance to acid soil and fungal diseases
- high content of protein in grain
- highest resistance to lodging
- alternative variety-facultative type for late sowing in autumn
- sowing rate 4,5 (million sprouting seeds)

### **BONFIRE facultative spring rye**

- spring facultative variety (drilling from X. - VII. month)
- suitable for fodder production or on the production of materials for a biogas plant
- proven components to the spring, summer and winter mixtures and compound feedingstuffs
- applicable as summer cover crop
- sowing rate: 180 - 250 kg/ha
- use in environmental regimes as a single crop, or in mixtures of leguminous

### **AMANT naked oat** **NOVELTY**

- short plants with high resistance to mildew
- no-lodging variety
- relatively high resistance to rusts, mildew and septoria
- largest seed size of all oat varieties

### **KOMFORT oat** **NOVELTY**

- registered in 2013
- yellow seed variety
- excellent health, good resistance to all fungal diseases
- high resistance to pre-harvest sprouting and lodging
- resistant seeds to fall out of the panicle
- thin husk, suitable for baking, easily peels
- high nutritional value, to feed the horses and farm animals
- lodging resistance before the harvest

### **NAGUS naked oat** **NOVELTY**

- medium early variety, even maturing
- excellent nutrition value of seeds - high content of proteins and fats
- very high resistance to soil acidity
- sowing rate 115 - 120 kg/ha

### **SIWEK naked oat** **NOVELTY**

- thousand seed weight 27,8 - 31 g
- variety tolerant to acid soils, suitable to all production regions
- plant height approx. 93 cm, resistant to lodging
- good resistance to mildew, septoria and helminthosporium
- protein content approx. 16%, fat content about 7,4%
- sowing rate according to the term of drilling and soil type 180-200 kg/ha
- tiny seeds suitable for baking and for the food and feed industry
- suitable for feed mixes for pigeons and exotic birds

### **BOJKO facultative spring rye** **NOVELTY**

- facultative spring variety (drilling X- VII. month)
- high yielding population variety
- very early heading, plant height approx. 141cm
- resistant to acid soils
- diploid variety - crossbred of spring and winter rye
- complex resistance to fungal diseases
- suitable for organic farming
- suitable for dry mass production
- applicable as summer cover crop
- dry mass (70% dryness) yield up to 38 t / ha
- sowing rate 220 - 240 kg /ha for spring drilling
- sowing rate 200 kg /ha for autumn drilling (thousand seed weight 38g)

