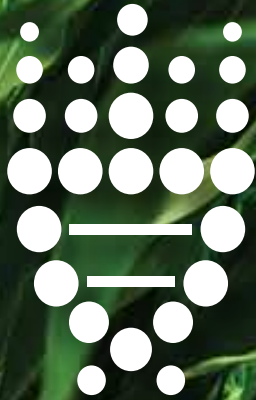




MAIZE RESEARCH INSTITUTE
„ZEMUN POLJE“
BELGRADE-ZEMUN





CONTENTS:

- 2 Corn hybrids**
- 11 Soybean varieties**
- 12 Wheat and barley varieties**



ZP 299

FAO 290

STABLE YIELD,
 LOW HARVEST MOISTURE



For grain
 production



Fast grain
 drydown

Kernel type: Yellow dent

Usage: for grain production

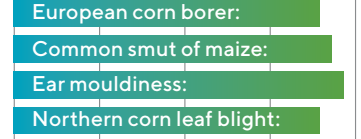
Stable yields, excellent dry-down

Sowing density: 70-75.000 plants
 per hectare

Evaluation of hybrid traits:



Evaluation of resistance to diseases and pests:



Evaluation of agronomic traits:



1 FAIR 5 EXCELLENT



ZOMBOR

FAO 320

FOR EARLY HARVEST



For grain
 production



For silage
 production



Fast grain
 drydown

Kernel type: Yellow dent

Usage: For grain production, in some
 regions for silage

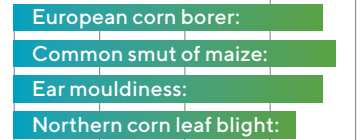
High grain production with low
 harvest moisture

Sowing density: 65-70.000 plants
 per hectare for grain production,
 75-80.000 for silage

Evaluation of hybrid traits:



Evaluation of resistance to
 diseases and pests:



Evaluation of agronomic traits:



1 FAIR 5 EXCELLENT



ZP 305

FAO 360
 STABLE YIELD,
 DROUGHT TOLERANCE



For grain
 production



Drought
 tolerance

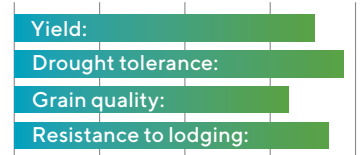
Kernel type: Yellow dent

Usage: Mainly for grain production,
 in some conditions for silage

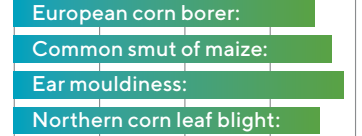
Good performance in different
 growing conditions

Sowing density: 65-70.000 plants
 per hectare

Evaluation of hybrid traits:



Evaluation of resistance to diseases
 and pests:



Evaluation of agronomic traits:



1 FAIR 5 EXCELLENT



ZP 335

FAO 330
 LOW HARVEST MOISTURE



For grain
 production



Fast grain
 drydown

Kernel type: Yellow dent

Usage: For grain production

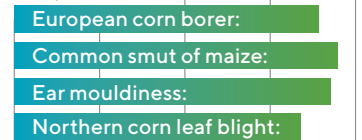
Stable yields, low moisture content
 in harvest

Sowing density: 65-70.000 plants
 per hectare

Evaluation of hybrid traits:



Evaluation of resistance to diseases
 and pests:



Evaluation of agronomic traits:



1 FAIR 5 EXCELLENT



ZP 341

FAO 380
 GOOD DROUGHT
 TOLERANCE



For grain
 production



Drought
 tolerance

Kernel type: Yellow dent

Usage: For grain production

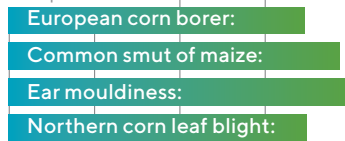
High adaptability, good drought
 tolerance

Sowing density: 65-70.000 plants
 per hectare

Evaluation of hybrid traits:



Evaluation of resistance to diseases
 and pests:



Evaluation of agronomic traits:



1 FAIR 5 EXCELLENT



ZPSC 388

FAO 390
 HIGH YIELD POTENTIAL



For grain
 production



High yield
 potential

Kernel type: Yellow dent

Usage: For grain production

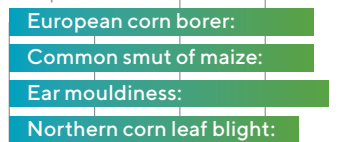
High yield potential, intended for
 intensive growing practices

Sowing density: 65-70.000 plants
 per hectare

Evaluation of hybrid traits:



Evaluation of resistance to diseases
 and pests:



Evaluation of agronomic traits:



1 FAIR 5 EXCELLENT



DALMAC

FAO 400
 GOOD DROUGHT
 TOLERANCE



For grain
 production



Drought
 tolerance

Kernel type: Yellow dent

Usage: For grain production

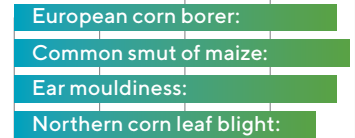
High adaptability, very good
 drought tolerance

Sowing density: 65-70.000 plants
 per hectare

Evaluation of hybrid traits:



Evaluation of resistance to diseases
 and pests:



Evaluation of agronomic traits:



1 FAIR 5 EXCELLENT



ZP 4123

FAO 360
 HIGH YIELD WITH LOW
 MOISTURE CONTENT



For grain
 production



For silage
 production



Fast grain
 drydown

Kernel type: Yellow dent

Usage: For grain production, in some
 regions for silage

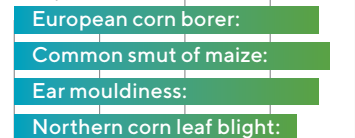
High grain production with low
 harvest moisture

Sowing density: 65-70.000 plants
 per hectare for grain production,
 75-80.000 for silage

Evaluation of hybrid traits:



Evaluation of resistance to diseases
 and pests:



Evaluation of agronomic traits:



1 FAIR 5 EXCELLENT



ZP 427

FAO 400
 EXCEPTIONALLY
 YIELDING



For grain
 production



High yield
 potential



Fast grain
 drydown

Kernel type: Yellow dent

Usage: For grain production

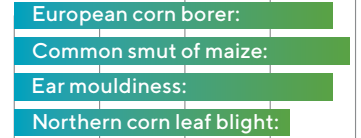
Exceptionally yielding, good
 adaptability

Sowing density: 65-70.000 plants
 per hectare

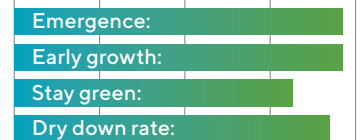
Evaluation of hybrid traits:



Evaluation of resistance to diseases
 and pests:



Evaluation of agronomic traits:



1 2 3 4 5

1 FAIR

5 EXCELLENT



ZP 4567

FAO 400
 HIGH YIELDING
 AND STABLE



For grain
 production



High yield
 potential



Drought
 tolerance



Fast grain
 drydown

Kernel type: Yellow dent

Usage: For grain production

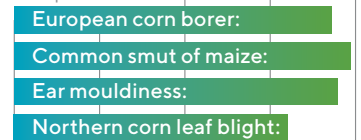
High yield potential, very good
 adaptability

Sowing density: 65-70.000 plants
 per hectare

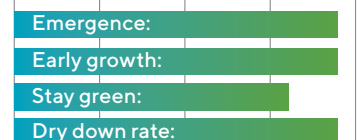
Evaluation of hybrid traits:



Evaluation of resistance to diseases
 and pests:



Evaluation of agronomic traits:



1 2 3 4 5

1 FAIR

5 EXCELLENT



ZP 457

FAO 420
 OUTSTANDING YIELD
 AND STABILITY



For grain
 production



High yield
 potential

Kernel type: Yellow dent

Usage: For grain production

Exceptionally high yield and
 stability

Sowing density: 65-70.000 plants
 per hectare

Evaluation of hybrid traits:



Evaluation of resistance to diseases
 and pests:



Evaluation of agronomic traits:



1 FAIR 2 3 4 5 EXCELLENT

1 FAIR 5 EXCELLENT



TOPOLA

FAO 500
 HIGH YIELD
 GOOD GRAIN QUALITY



For grain
 production



High yield
 potential

Kernel type: Yellow dent

Usage: For grain production

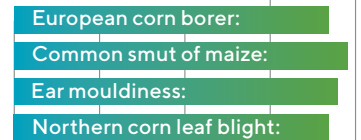
High yield potential, grain quality

Sowing density: 60.000 plants
 per hectare

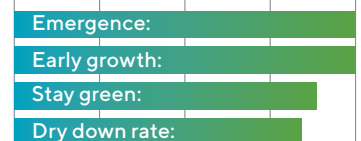
Evaluation of hybrid traits:



Evaluation of resistance to
 diseases and pests:



Evaluation of agronomic traits:



1 FAIR 2 3 4 5 EXCELLENT

1 FAIR 5 EXCELLENT



ZP 560

FAO 500
 EXCEPTIONALLY
 YIELDING



For grain
 production



High yield
 potential

Kernel type: Yellow dent

Usage: For grain production

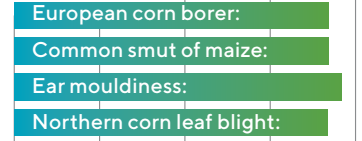
High yield potential, intended for
 intensive growing practices

Sowing density: 60.000 plants
 per hectare

Evaluation of hybrid traits:



Evaluation of resistance to diseases
 and pests:



Evaluation of agronomic traits:



1 FAIR 5 EXCELLENT



SMEDEREVO

FAO 600
 HIGH GRAIN YIELD



For grain
 production



High yield
 potential

Kernel type: Yellow dent

Usage: For grain production

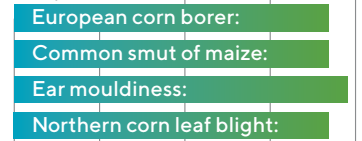
High yield potential, high
 adaptability

Sowing density: 60.000 plants
 per hectare

Evaluation of hybrid traits:



Evaluation of resistance to diseases
 and pests:



Evaluation of agronomic traits:



1 FAIR 5 EXCELLENT



ZP 707

FAO 700
FOR GRAIN AND SILAGE
PRODUCTION



For grain
production



For silage
production



High yield
potential

Kernel type: Yellow semi-dent

Usage: For grain and silage
production

High grain and silage potential

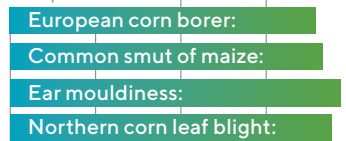
Sowing density: 55-60.000 plants
per hectare for grain production,
65-70.000 for silage

Silage yield: >60 t/ha

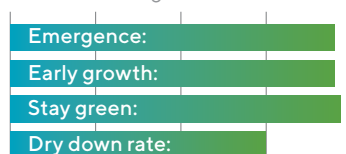
Evaluation of hybrid traits:



Evaluation of resistance to diseases
and pests:



Evaluation of agronomic traits:



1 2 3 4 5

1 FAIR 5 EXCELLENT



ZP 552b

FAO 500
WHITE ENDOSPERM
GOOD GRAIN QUALITY



For grain
production



For silage
production

Kernel type: White dent

Usage: For grain production, possible
silage production

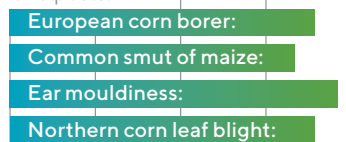
Stable production

Sowing density: 55-60.000 plants
per hectare for grain production,
65-70.000 for silage

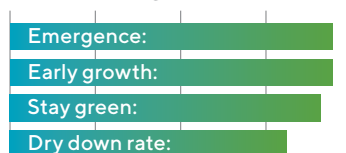
Evaluation of hybrid traits:



Evaluation of resistance to diseases
and pests:



Evaluation of agronomic traits:



1 2 3 4 5

1 FAIR 5 EXCELLENT



SANELA

SOYBEAN VARIETY
HIGH YIELDING &
STABLE VARIETY

CHARACTERISTICS:

- ▶ Maturity group 0
- ▶ Stem of unlimited growth type
- ▶ Fuzz color: slightly gray
- ▶ Flowers color: purple
- ▶ Grain color: yellow
- ▶ Hilum color: light brown
- ▶ Weight of 1000 grains: 150 g
- ▶ Genetic yield potential: over 4.5 t / ha
- ▶ Optimum crop density: 500,000 plants / ha
- ▶ Good adaptability
- ▶ Good tolerance to drought conditions

Characteristics of the variety	Yield	Lodging tolerance	Drop resistance	Oil content	Protein content
Grade	5	5	5	21%	38%

LAURA

SOYBEAN VARIETY
HIGH YIELDING VARIETY
KUNITZ-TRYPSIN FREE

CHARACTERISTICS:

- ▶ Maturity group 0
- ▶ Stem of indeterminate growth type
- ▶ Fuzz color: tawny
- ▶ Flowers color: white
- ▶ Grain color: yellow
- ▶ Hilum color: black
- ▶ Weight of 1000 grains: 195 g
- ▶ Genetic yield potential: over 5 t / ha
- ▶ Optimum crop density: 450,000 plants / ha
- ▶ Good adaptability
- ▶ Good tolerance to drought conditions
- ▶ **Special traits:** Kunitz-free grain type utilization without thermal treatment for adult monogastric animals only

Characteristics of the variety	Yield	Lodging tolerance	Drop resistance	Oil content	Protein content
Grade	5	5	5	21%	40%





VICTOR ZP

HIGH YIELD POTENTIAL,
FOR MALTING PRODUCTION

WINTER MALTING BARLEY VARIETY

- ▶ Two-row spike
- ▶ Medium early maturity
- ▶ Stem height around 80-85 cm, with good resistance to lodging
- ▶ Good resistance to powdery mildew and leaf rust
- ▶ 1000-grain weight around 45 g/DM
- ▶ Test weight around 77 kg
- ▶ Protein content around 10%
- ▶ Fine extract content 78-81%
- ▶ High yield potential, over 10 t/ha, very adaptable, good grain quality for malting production may be achieved under suitable agrotechnical conditions.
- ▶ Seeding rate 350-400 viable seeds per m²

ZEMUNSKA ROSA

DROUGHT TOLERANT VARIETY

WINTER SOFT WHEAT

- ▶ Quality class B1
- ▶ Stem height 90-95 cm, spike length 10-11cm
- ▶ White spike without awns
- ▶ Good resistance to low temperatures
- ▶ Good resistance to drought
- ▶ Good resistance to lodging, rust and mildew, and to shattering
- ▶ 1000-grain weight around 45-50 g/DM
- ▶ Test weight > 82 kg
- ▶ Protein content 12-13%
- ▶ Gluten content around 25%
- ▶ High yield potential around 11 t/ha
- ▶ Seeding rate 500-550 viable seeds per m²







📷 zp_hibridi

📘 ZPhibridi

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