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Ladoga 277

Hybrid breeding of Scientific Production Association (SPA) Kuban Seed Production

Hybrid responsive to increasing levels of soil fertility

Advantages:

- Intensive-type hybrid
- High heterosis effect
- Excellent water-yielding capacity
- Excellent disease resistance
- Does not lodge

General information

Producing regions: Central Black Earth, Northern Caucasus

Maturation period: middle-early

Plant characteristics:

— FAO 270

— Plant height: 270 cm

— Cob attachment height: 96 cm

— Good water-yielding capacity: Yes

Cob characteristics:

— Number of rows: 16

— Number of grains in a row: 40

— 1,000 grain-weight: 305 g

Yield potential:

Grain: up to 125 cwt/ha

Recommended hybrid density:

— Adequate moisture: 65–75 thousand/ha

— Inadequate moisture: 55–60 thousand/ha

Crop yield results, cwt/ha

For grain:

— Krasnodar Territory (North-Western part): 104.4

— Voronezh region (Western part): 112.1

— Krasnodar Territory (Central part) 100.2

— Rostov region (Western part): 62.5

— The Republic of North Ossetia–Alania (North-Western part): 80.9

— The Kabardino-Balkarian Republic (North-Eastern part): 93.1