

# BELANA

## The robust yield

### 00-Winter Oilseed Rape Hybrid (F1)



**BELANA** - Excellent yield capacity even on lighter soils

**BELANA** - Compact in growth associated with early maturity

**BELANA** - High gross outputs by reason of improved oil contents

Listed in: EU, Ukraine\*

Variety description	
Type	Restored Hybrid
Grain yield	very high
Oil yield	high - very high
Begin flowering	early
Maturity	early - medium
Resistance to lodging	medium
Winterhardiness	medium - good
Length	short - medium

  

Quality	
Oil content	medium - high
Thousandgrainweight	medium
Glucosinolate content	low
Erucic acid content	low

  

Agronomic characteristics	
Autumn development	++
Suitability for early sowing	++
Suitability for late sowing	++
Harvesting/Threshing	+++
Stress tolerance	++
Health	+
Robustness	++
Minimum tillage	+++
Suitability of location	
- lighter soil	++
- better soil	++
- difficult soil	+

+++ = quick/high/good    Ø = medium

Production Technology	
<b>Sowing time / recommended seed rate</b> (seeds/m <sup>2</sup> )	
early (12. - 19. Aug.)	35 - 45 seeds/m <sup>2</sup>
optimal (20. - 31. Aug.)	45 - 55 seeds/m <sup>2</sup>
late (01. - 08. Sept.)	65 - 70 seeds/m <sup>2</sup>
<b>Sowing depth</b>	
heavy soils: 2-3 cm	
light, dry soils 3-4 cm with good re-compaction	
<b>Basic nutrient supply</b> (yield expectation 4 t/ha)	
N:	150 - 180 kg/ha
K <sub>2</sub> O:	175 - 200 kg/ha
P <sub>2</sub> O <sub>5</sub> :	60 - 80 kg/ha
MgO:	20 kg/ha
S:	35 - 40 kg/ha
Bor:	300 g/ha (1x autumn; 2x spring)
MnSO <sub>4</sub> :	1 kg/ha (1x autumn; 2x spring)
<b>Herbicides</b>	
Application of Clomazone-products ( <i>Nimbus, Brasan, Colzor Trio</i> ) max. 3 days after sowing (pre-emergence) or Metazachlor ( <i>Butisan, Butisan Top</i> ) 4 - 7 days after sowing, possibly extra control of volunteer cereals.	
<b>Insects</b>	
Control for flea beetle and slugs in autumn. Control for stem weevils in spring and for pollen beetle from early flower bud phase. Treatment for example with Pyrethroid ( <i>Fastac SC, Trafo WG, Talstar</i> ) or Neonicotinoid ( <i>Biscaya</i> ).	
<b>Fungicides</b>	
In autumn Tebuconazole ( <i>Folicur</i> ) or Metconazole ( <i>Caramba</i> ) for phoma control and prevention of winter damage. In spring growth regulators in crops with good water supply, not during heat and/or drought. In full flowering Sclerotinia-treatment (e.g. active ingredient Boscalid, Carbendazim, Prochloraz, Prothioconazol).	

The crop strongly depends on environmental and weather conditions. As these influences lay beyond our responsibilities the figures stated in this leaflet can only be understood as general information but must not be understood as guaranteed.

Please pay attention to registration situation, regulations and information about use of the above mentioned products/chemicals.

Info: January 2011, \*Perspective

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