

The early clearfield-hybrid

00-Spring Oilseed Rape - Hybrid (F1)



MIRCO CL - New imidazolinone hybrid bred by traditional breeding methods

MIRCO CL - Simple and effective weed-control especially for cruciferous weeds

MIRCO CL - Good yields together with early maturity

Listed in: EU, Ukraine, Russia, Kazakhstan*

Variety description

Type	restored hybrid
Grain yield	high
Oil yield	high
Begin flowering	early - medium
Maturity	early - medium
Resistance to lodging	good
Length	short - medium

Quality

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

Agronomic characteristics

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	++
Clearfield (imidazolinone herbicide)	tolerant

+++ = quick/high/good Ø = medium

Production Technology

Sowing time / recommended seed rate (seeds/m²)

early (March)	60 - 70 seeds/m ²
optimal (01. - 20. April)	70 - 90 seeds/m ²
late (21. April - 15. May)	90 - 110 seeds/m ²

Sowing depth

heavy soils: 2 - 3 cm
light, dry soils: 3 - 4 cm with good re-compaction

Basic nutrient supply (yield expectation 2-3 t/ha)

N:	80 kg/ha before sowing 40 kg/ha beginning of stem elongation
K ₂ O:	100 - 160 kg/ha
P ₂ O ₅ :	50 - 60 kg/ha
MgO:	20 kg/ha
S:	20 - 30 kg/ha
Bor:	200 g/ha
MnSO ₄ :	1 kg/ha

Herbicides

Application of imidazolinone herbicides for example 1,0 - 1,25 l/ha Nopasaran + Dash 1,0 - 1,2 l/ha (Additiv) on EC 11-16. The herbicide acts effective against cruciferous weeds like mustard and wild radish.

Insects

Control of crops for pollen beetle (*Meligethes aeneus*) from early flower bud phase. Treatment for example with Pyrethroid (Talstar 8 SC, Trebon 30 EC, Mavrik), Neonicotinoid (Biscaya) or Organophosphate (Reldan 22, Pynrex 25 CS). Minimize hazardous effects on bees.

Fungicides

Growth regulation with Tebuconazole (*Folicur*) or Metconazole (*Caramba*) only in very strong growing crops with good water supply, not during heat and/or drought. In full flowering Sclerotinia-treatment if necessary (e.g. active ingredient Boscalid, Carbendazim, Prochloraz, Prothioconazole).

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.

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