

## SEED PRODUCTION

### ITALIAN RYEGRASS (*LOLIUM MULTIFLORUM* LAM.) KOGA

- High seed yield potential 14-16 dt/ha.
- Time of ripening – first half of July, before cereal harvest.
- Recommended sowing rate for seed production 16-18kg/ha.
- Establishing seed production: only in mild winter regions, on pure stands in late summer, from 25 of August until 10 of September.
- Pre-sowing fertilization: 40-50kg/ha N, 80kg/ha P<sub>2</sub>O<sub>5</sub>, 100kg/ha K<sub>2</sub>O
- Main fertilization: with N in spring, at the onset of vegetation 50-75kg/ha.
- Controlling Dicotyledoneae weeds in cereals: with the use of Aminopielik D 450 SL [a.i.:2,4 D- 417,5g/l; dikamba 32,5g/l] at 3l/ha, or Chwastox D 179 SL [a.i. MCPA-161 g/l, dikamba17,8g/l] at 5l/ha.
- Controlling persistent Dicotyledoneae weeds after harvest of the cover crop: with the mixture
  - Chwastox Extra 300SL [a.i. MCPA 300g/l] 1,5/ha,
  - Aminopielik D 450 SL [a.i.:2,4 D- 417,5g/l; dikamba 32,5g/l] 1,5l/ha and
  - Starane 250 SL [fluroksypyr 250 g/l] 0,6l/ha.
- Controlling Monocotyledonae weeds in spring: with Dual Gold 960EC [a.i. S-metolachlor 960g/l]at 2l/ha.
- It is possible to use a plant growth regulant in the early heading phase – spraying with Cycocel 460 SL [CCC 460g/l] 3l/ha
- It is possible to use agents accelerating and evening out the ripening of the crop – Reglone 200 SL [a.i. dikwat 200g/l] 2-3l/ha + surfactant or Roundup [isopropylamine salt of glyphosate] up to 3l/ha
- It is possible to harvest a second yield of seed in favourable weather conditions.
- Recommended period of cultivation for seed production: 1 year.