

## SEED PRODUCTION TIMOTHY (PHLEUM PRATENSE) KARTA

- High seed yield potential 5-10dt/ha (500-1000kg/ha)
- Ripening time- end of July or beginning of August
- Recommended sowing rate for seed production 3-5kg/ha
- Recommended width of interrows ca. 40 cm
- Establishing seed production: sowing under cover crop of winter cereals (sowing time same as for cereals) or during spring under spring cereals.
- 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 Dicotyledoneae weeds after harvest of the cover crop: with the mixture:
- Chwastox Extra 300SL [a.i. MCPA-300g/l ] at 1,5/ha, Aminopielik D 450 SL [a.i.:2,4 D- 417,5g/l; dikamba 32,5g/l] at 1,5l/ha and Starane 250 SL [a.i. fluroksypyr 250g/l] 0,6l/ha.
- Controlling Dicotyledoneae and Monocotyledonae weeds (*Apera spica venti*, *Poa annua*, *Echinochloa crus-galli*) in autumn, end of September or early spring with: Stomp 330 EC [a.i. pendimethalin 330g/l] at 5l/ha.
- A wider effect on Monocotyledonae is achieved with the use Dual Gold 960EC [a.i. S-metolachlor 960g/l] used during spring at 2l/ha. It also destroys cereal self-seeds.
- Fertilizing with Nitrogen in each year of crop cultivation: In the autumn- second half of October at 30kg/ha and during springtime-at the end of April and beginning of May at 50-60kg/ha.
- In the area of intensive timothy plantation, the risk of Timothy grass fly [*Amaurosoma Flavipes*] appearance arises, which damages young shoot and flower ovaries. In such a case, the plantations need to be sprayed with an insecticide e.g. Owadofos 540EC [fenitrothion 540g/l] at 1l/ha, at the time of cherry tree blooming.
- Two phase harvest: cutting for swaths, 2-3days after the onset of seed shedding. Thrashing after 2 weeks.
- Recommended period of cultivation for seed production plantations:2 years.