

SEED PRODUCTION

HYBRID LUCERNE (MEDICAGO X VARIA T. MARTYN)

RADIUS

- Seed yield potential: up to 8dt/ha, on average 3-4 dt/ha (300-400kg/ha)
- Seed harvest in the 1st or 2nd cut, time of ripening- August
- Regional assignment of cultivation: soil at 6,5-7, areas with a drier climate and a long vegetative period.
- Pre-sowing fertilization: 80-100kg P₂O₅, 140-160kg K₂O
- Pre-sowing soil-liming: fertiliser doses dependant on soil pH and type, as well as form of the fertilizer: calcium carbonate at 08-1,5t/ha, calcium oxide at 08-2,5t/ha.
- Fertilization with microelements in the form of seed seed-treatment or through the leaf in the year of seed yielding.
- Establishing seed production: during spring under cover crop of spring cereals or in pure sowing
- Recommended sowing rate for seed production 5kg/ha.
- Recommended width of interrows 35-40cm, depending on soil fertility
- Controlling Dicotyledonae weeds in the year of sowing with Basagran 480SL [a.i. bentazon 480 g/l] at 2-3l/ha in the phase of 2-3 leaves of the Lucerne
- Controlling Avena Fatua and annual Monocotyledonae weeds in the cover crop: with the use of Illoxan 36 EC [a.i. dihalofop methyl 36%] at 3l/h, in the phase 2-3 ternate leaves in the Lucerne.
- Controlling Mono- and Dicotyledonae weeds: in the period between late September until the frosts with the use of Kerb 500 SC [a.i. propyzamide 500g/l] at 2kg/ha
- Controlling pests on plantations in the second and following years of usage: in the phase of plant re-growth after the I cut and flower bud formation with the use of Alfamor 050EC [a.i. alfa-cypermethrin 50g/l] at 0,2l/ha or Alfazot [a.i. alfa-cypermethrin 50g/l] at 0,2l/ha or Decis 2,5 EC [deltametrin 2,5%] at 0,3l/ha. Controlling Aphids (Aphidina syn. Aphidodea): with the use of Pirimior 25 WG [a.i. pirimikarb 25%] at 0,5kg/ha or Pirimor 50DG [a.i. pirimikarb 50%] at 0,25kg/ha
- The seed plantation requires desiccation with Reglone 200 SL [a.i. dikwat 200 g/l] at 2-3l/ha + surfactant or Reglone Turbo [a.i. dikwat 200g/l] at 1,5-2l/ha during the time, when 60% of the pods turn brown-black, and 80% of the seed turns yellow.
- Seed harvest: single phase with a combine-harvester.
- Recommended period of cultivation for seed production: 2 years of full usage.