

Requirements for insecticide applications for Colorado potato beetle

| Grupp of active ingredients | Product | Temperature range* | Larva (instar) | | Beetles | Application rate/ha | max. treatments | costs €/ha ¹⁾ |
|-----------------------------|---------------------|-----------------------------|----------------|-------|---------|---------------------|-----------------|--------------------------|
| | | | L1/L2 | L3/L4 | | | | |
| Pyrethroide** | Decis forte | 5 to 20°C | + | (+) | + | 50 ml | 1 | 3 |
| | Karate Zeon | | | | | 75 ml | 2 | 10 |
| | Lamdex Forte | | | | | 150 g | 2 | 6 |
| Neonicotinoide | Danjiri/Mospilan SG | 15 to 25°C | + | (+) | + | 125 g | 2 | 11 |
| Anthranildiamide | Coragen | 15 to 25°C | + | (+) | + | 60 ml | 2 | 21 |
| Diamide | Benevia | 15 to 25°C | + | (+) | + | 125 ml | 2 | 25 |
| Spinosyne | SpinTor | 15 to 25°C | + | (+) | (+) | 50 ml | 2 | 12 |
| Biological products | NeemAzal T/S | 15 to 20°C and overcast sky | + | - | - | 2.5 l | 2 | 167 |
| | Spruzit Neu | 5 to 25°C | + | (+) | (+) | 8 l | 2 | 122 |

* in addition air humidity must be above 40 %, else water drops evaporate on surface of leaves; ** due to commonresistance less effect is expected;

effect: + = sufficient effect, (+) = limited effect, - = no effect; ¹⁾ Costs are VAT included!

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