Requirements for insecticide applications for Colorado potato beetle

Grupp of active ingredients	Product	Temperature range*	Larva (instar)		Beetles***	Application rate/ha	max. treat-ments	costs €/ha[1)]
			L1/L2	L3/L4				
Pyrethroide**	Decis forte	5 to 20°C	+	+	+	50 ml	1	4
	Karate Zeon					75 ml	2	9
	Cyperkill Max					60 g	1	3
Neonicotinoide	Danjiri/Mospilan SG	15 to 25°C	+	+	+	125 g	2	11
	Carnadine 200					125 g	1	11
Anthranildiamide	Coragen	15 to 25°C	+	+	+	60 ml	2	17
Diamide	Benevia	15 to 25°C	+	+	+	125 ml	2	23
Spinosyne	SpinTor	15 to 25°C	+	+	+	50 ml	2	17
Biological products	NeemAzal T/S	15 to 20°C and overcast sky	+	-	-	2.5 l	2	203
	Spruzit Neu	5 to 25°C	+	+	+	8 l	2	149

* in addition air humidity must be above 40 %, else water drops evaporate on surface of leaves; ** due to commonresistance no application is recommended;
*** control should be directed not at the beetle but at the larvae
effect: + = sufficient effect, - = no effect; [1)] Costs are VAT included!

last update: march 2026