

Vermont Golf Course Pesticide Use Permit Program - Active Ingredient PRESCREENED List

Rev. January 2020

FUNGICIDES, BACTERICIDES, ALGAEICIDES	HERBICIDES	INSECTICIDES	PGRs
<i>Bacillus licheniformis</i>	benefin	abamectin	3-indolbutyric acid (IBA)
<i>Bacillus subtilis</i>	carfentrazone-ethyl	allyl isothiocyanate	cytokinin (kinetin)
chloroneb	dithiopyr	<i>Bacillus thuringiensis var. kurstaki</i>	gibberellic acid
chlorothalonil	fenoxaprop-ethyl	<i>Beauveria bassiana</i>	
copper hydroxide	fluzifop	bifenthrin	
cyazofamid	flumioxazin	<i>Burkholderia spp. (cells and ferm. media)</i>	
fluazinam	isoxaben	capsaicin	
fludioxonil	MCPA ester	cyfluthrin	
hydrogen dioxide	oryzalin	cypermethrin	
hydrogen peroxide	pendimethalin	deltamethrin	
iprodione	prodiamine	indoxacarb	
mancozeb	pyraflufen-ethyl	lambda-cyhalothrin	
mefentrifluconazole	trifluralin	<i>Steinernema carpocapsae</i>	
mineral oil			
Oregano oil (<i>Origanum vulgare</i>)			
PCNB			
peroxyacetic acid			
potassium salts of phosphorous acid			
<i>Pseudomonas chlororaphis</i> strain AFS009			
pyraclostrobin			
<i>Reynoutria schalinensis</i> extract			
sodium bicarbonate			
sodium carbonate peroxyhydrate			
sodium percarbonate			
<i>Streptomyces lydicus</i>			
sulfur			
thiophanate-methyl			
<i>Trichoderma harzianum ssp.</i>			
<i>Trichoderma virens ssp.</i>			
trifloxystrobin			
vinclozalin			

DEFINITION Prescreened Pesticide List: a list of pesticide active ingredients which due to their relative immobility and limited persistence (as measured by parameters such as, but not restricted to, solubility, Koc and half-life) are unlikely, under normal conditions and acceptable uses, to leave established turf grass and enter surface and/or ground water.

CRITERIA: Koc > 300; Sol in H2O < 20ppm; GUS ≤ 1.8 or if Solubility < 1ppm and half-life < 1