

Stored Grain Insecticides Registered for use in New York State¹

Active Ingredient	Trade Name	EPA Registration Number	Labeled Use				Pests Listed/Comments
			Empty Bin Treatment	Corn	Soy- bean	Wheat	
aluminum phosphide (phosphine gas)	*Weevil-Cide 60% Pellets	70506-14		X	X	X	See label – several weevils, beetles, and moths
	*Degesh Phostoxin 60% Pellets	72959-5		X	X	X	See label – several weevils, beetles, and moths
	*Weevil-Cide 60% Tablets	70506-13		X	X	X	See label – several weevils, beetles, and moths
	*Degesh Phostoxin 60% Tablets	72959-4		X	X	X	See label – several weevils, beetles, and moths
	*Phostoxin Tablet Prepac	72959-9		X	X	X	See label – several weevils, beetles, and moths
<i>Bacillus thuringiensis</i>	Biobit HP	73049-54		X	X	X	Indian meal moth, almond moth
	Dipel DF	73049-39		X	X	X	Indian meal moth, almond moth
	Javelin WG	70051-66		X	X	X	Indian meal moth, almond moth
beta-cyfluthrin	*Tempo SC Ultra	432-1363	X				See label.
dichlorvos	Prozap Insect Guard	5481-533-47000		X	X	X	Any insect pest.
deltamethrin + chlorpyrifos-methyl	Storcide II	264-992	X			X	Several pests noted. Also note use restrictions and equipment requirements when treating empty bin.
malathion	*Malathion 5	9779-5	X				Corn and wheat storages only. Several pests listed.
	Malathion 5 EC	66330-220	X				Corn, barley, oats, rye, and wheat storages only. No specific pests listed.
	Malathion 57 EC	34704-108	X				Wheat, corn, oat, rye, and barley storages only. Several pests listed on the label. REI = 12 hours. Maximum number of applications per year is 1 per storage period.
phosphine + carbon dioxide gas	*Eco ₂ fume Fumigant Gas	68387-7		X	X	X	Several insect pests listed on the label.

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pirimiphos-methyl	Actellic 5 EC	1381-170		X			See label for specific beetles, weevil, and moths controlled.
pyrethrins + piperonyl butoxide	*Pyronyl Crop Spray	655-489	X	X		X	Use for all insects as a grain treatment for corn and wheat. Can be used as a surface treatment for Indian meal moths, Angournois grain moths, and Mediterranean flour moths. May be used to treat empty bin for any pest and grain crop.
pyriproxyfen	*Nyguard IGR Concentrate	1021-1603	X				Various moths and beetles.
(S)-methoprene	Diacon II	2724-427	X	X		X	Various moths and beetles. Used to prevent larvae development into adults.
	Diacon-D	2724-788	X	X	X	X	Various moths and beetles. Used to prevent larvae development into adults.
sulfuryl fluoride	*Profume	62719-376		X		X	All insect pests.

¹ Currently registered products as of 9/17/2013.

* Restricted-use pesticide in New York State.