

## Fewer seed disinfectants and seed treatments accepted by the departments for Inspection and Variety Testing

Submitted seed samples treated with insecticides or with Thiram are not accepted by the Naktuinbouw departments for Inspection and Variety Testing. In addition, pills and primed seeds are not accepted, unless in specific cases. Due to revised EU implementing regulations, additional seed treatments can no longer be accepted.

### The main changes:

The substances **iprodione** and **metalaxyl-M** are no longer accepted as seed disinfectant for maintenance control samples, DUS-samples and samples used for resistance tests. It is preferable to provide a seed sample that has not been treated with any **systemic fungicide**. As of September 2024 seeds treated with systemic fungicides will no longer be accepted.

active substance in seed disinfectant A-Z	common names products	definition of the seed disinfectant	DUS-sample	maintenance control samples	comparison sample (non-Dutch variety)	other samples for research	sample for resistance tests
<b>azoxystrobin</b>	Amistar, Ortiva, Prospell	systemic fungicide	not allowed	allowed until September 2024	allowed	allowed	not allowed
<b>chlorpyrifos</b>	Jawa-20, Agriban, Pyristar 250 EC	insecticide	not allowed	not allowed	not allowed	not allowed	not allowed
<b>clothianidin</b>	Janus, Poncho Beta	neonicotinoids, neuroactive insecticide	not allowed	not allowed	not allowed	not allowed	not allowed
<b>cymoxanil</b>	Ariston, Curzate 60 DF, Tanos	systemic fungicide	not allowed	allowed until September 2024	allowed	allowed	not allowed
	Wakil XL	systemic fungicide	not allowed	not allowed	allowed*	allowed*	not allowed
<b>fludioxonil</b>	Maxim 100 FS / Maxim 480 FS / Cannonball WG / celest (extra)	systemic fungicide	not allowed	not allowed	allowed*	allowed*	not allowed
	Maxim 4 FS	systemic fungicide	not allowed	not allowed	allowed*	allowed*	not allowed
	Vibrance	systemic fungicide	not allowed	not allowed	allowed*	allowed*	not allowed
	Wakil XL	systemic fungicide	not allowed	not allowed	allowed*	allowed*	not allowed
	Beret Gold / 025 FS (W2)	systemic fungicide	not allowed	Allowed. Please note that admission can expire on 31-10-22	allowed	allowed	not allowed
<b>imidacloprid</b>	Gaucho, Admire	neonicotinoids, neuroactive insecticide	not allowed	not allowed	not allowed	not allowed	not allowed
<b>iprodion</b>	Rovral aquaflo	systemic fungicide	not allowed	not allowed	not allowed	not allowed	not allowed
<b>metalaxyl</b>	Raxyl-35	systemic fungicide	not allowed	allowed until September 2024, unless admission expires earlier	allowed	allowed	not allowed
	Redigo M	systemic fungicide	not allowed	allowed until September 2024, unless admission expires earlier	allowed	allowed	not allowed
<b>metalaxyl-M / mefenoxam</b>	FarMore F200 (=combi Maxim 480FS + Apron XL), Apron XL, Apron XL 350	systemic fungicide	not allowed	not allowed	allowed*	allowed*	not allowed
	Maxim® XL / Influx® XL of Maxim® Quattro	systemic fungicide	not allowed	not allowed	allowed*	allowed*	not allowed
	Vibrance SB	systemic fungicide	not allowed	not allowed	allowed*	allowed*	not allowed
	Wakil XL	systemic fungicide	not allowed	not allowed	allowed*	allowed*	not allowed
<b>sedaxane</b>		systemic fungicide	not allowed	allowed until September 2024, unless admission expires earlier	allowed	allowed	not allowed
	Vibrance	systemic fungicide	not allowed	not allowed	allowed*	allowed*	not allowed
<b>tefluthrin</b>	Force	insecticide	not allowed	not allowed	not allowed	not allowed	not allowed
<b>thiabendazole</b>	Mintezol, Tresaderm	systemic fungicide	not allowed	allowed until September 2024	allowed	allowed	not allowed
<b>thiamethoxam</b>	Cruiser, Cruiser 70 WS	neonicotinoids, neuroactive insecticide	not allowed	not allowed	not allowed	not allowed	not allowed
<b>thiophanate-methyl</b>	Topsik, Topsin N	systemic fungicide	not allowed	not allowed	not allowed	not allowed	not allowed
<b>thiram</b>	TMTD, proSeed, Foram, Hermosan, Pomarsol, Pro-Thiram	non-systemic fungicide	not allowed	not allowed	not allowed	not allowed	not allowed

\* ATTENTION: not allowed as seed disinfection for silver onion, garden cress, chervil, pea, bean, carrot, parsnip, salsify, radish, beetroot, turnip or other outdoor crops.

For changes in seed treatments acceptance, see page 2.

As of September 2020, the acceptance for a number of seed treatments will change:

**Modification in the conditions for seed samples, seed treatment**

The seed coatings **B-mox** and **premix** are also no longer accepted.

March 2022

As a result of the CPVO-project about the priming of seed material, it is allowed to send in primed seed for the species egg plant and tomato rootstock, it is not necessary anymore to send in the primed seed in very small seed packages

seed treatment	common names products	definition of the seed disinfectant	DUS-sample	maintenance control samples	comparison sample (non-Dutch variety)	other samples for research	sample for resistance tests
<b>primed seeds, priming</b>		germ-accelerating treatment, usually harmless	not allowed; allowed for tomato rootstock and eggplant	not allowed; allowed for tomato rootstock and eggplant	not allowed; allowed for tomato rootstock and eggplant	allowed	not allowed
<b>HCl</b>		hydrochloric acid, to extract seeds from fruits	allowed	allowed	allowed	allowed	allowed
<b>heat, hot water, steam</b>		heat treatments to make the seed disease-free	allowed	allowed	allowed	allowed	allowed
<b>NaCl</b>		salt, harmless, to get seeds from fruits	allowed	allowed	allowed	allowed	allowed
<b>NaOCl</b>		bleach, to extract seeds from fruits	allowed	allowed	allowed	allowed	allowed
<b>NHC</b>		bleach, to extract seeds from fruits	allowed	allowed	allowed	allowed	allowed
<b>organic / biological film coating</b>	Sapphire coating	to smooth and white seeds	not allowed	allowed	allowed	allowed	not allowed
<b>organic / biological film coating</b>	B-mox, premix coating	vigor-accelerating effect	not allowed	not allowed	allowed	allowed	not allowed
<b>pill</b>		harmless clay layer, usually with disinfection	not allowed	not allowed	not allowed	allowed	not allowed
<b>TSP</b>	Trisodium Phosphate Treatment	TSP treatment for seed disinfection	allowed	allowed	allowed	allowed	allowed