

Whole Foods Market® Prohibited and Restricted Pesticides for Fresh Produce and Flowers

Effective September 2014

Updated July 2, 2014

1. Prohibited Pesticides

- A. **Adherence to US EPA Registered Pesticides and Label Restrictions** – For product sold to Whole Foods Market, all suppliers may only use pesticides that are registered for use by the United States Environmental Protection Agency (US EPA) in a manner consistent with the US EPA-approved label, regardless of where the product is grown. Whole Foods Market is taking this action to prevent the use of pesticides that are not registered for use on food products grown in the US but which are used in other countries on product sold in the US. Several of these active ingredients are listed in category 1A, along with their US EPA status to provide clarity for international suppliers.
- B. **Whole Foods Market Prohibited Pesticides with Active US EPA Registrations** – Whole Foods Market prohibits the use of several additional high-risk pesticides on product grown for Whole Foods Market. These active ingredients include organophosphate pesticides that are allowed by US EPA on product grown in the US, but which recent studies indicate can impair the neurological development of children born of mothers exposed in their diets, or through working in agriculture and living in nearby communities. These active ingredients are broadly toxic to many beneficial organisms, including many pollinators. Research performed by Whole Foods Market and independent experts indicates that while pesticides containing these active ingredients remain in use, viable alternatives with reduced risk to human health exist. These active ingredients are listed in category 1B.

2. Restricted Use Pesticides

- A. **Restricted Use and Phase Out** – Whole Foods Market prohibits the use of several additional high-risk pesticides unless a crop/origin/pest-specific **exception** has been approved by Whole Foods Market after an assessment by our external team of experts. These limited and specific exceptions may be necessary to allow growers to transition to viable alternatives without severe economic stress or crop loss. Exceptions are posted at the end of this document and will be valid for all suppliers with the same crop/origin/target pest. Suppliers using these pesticides must complete a risk assessment using the Pesticide Risk Mitigation Engine (ipmPRiME.com) to stay informed of risks and opportunities to reduce risks associated with these pesticides. Suppliers using these pesticides may not be rated above “good” in our Responsibly Grown rating system. These pesticides must be phased out completely by September 25, 2016. These active ingredients are listed in category 2A.
- B. **Restricted Use for “best” rating** – To achieve a “best” rating in our Responsibly Grown rating system, growers are prohibited from using four neonicotinoid active ingredients listed in category 2B. Many scientists, environmentalists and beekeepers are concerned about the impact of pesticides containing these active ingredients on bees and other pollinators. Due to extensive research currently being conducted worldwide on pesticide impacts on pollinators, we anticipate these restrictions and other elements of pollinator protection in our program to evolve as new results become available. These active ingredients are listed in category 2B.

- C. **Pesticide products not registered with US EPA** – If a pesticide product is not registered with US EPA, the product is prohibited unless a crop/origin/pest-specific **exception** has been approved by Whole Foods Market after an assessment by our external team of experts. These limited and specific exceptions may be necessary if a needed pesticide is not registered with the US EPA because the target pest is not present in the US or the product is not grown commercially in the US. Exceptions are posted at the end of this document and will be valid for all suppliers with the same crop/origin/target pest. Exceptions in this category may be eligible for “good,” “better” or “best” if the product does not include active ingredients otherwise prohibited or restricted under this policy.

If a prohibited or restricted pesticide is applied after a rating unit is submitted, suppliers must immediately update the rating unit to reflect this.

Whole Foods Market Prohibited and Restricted Use Pesticides for Fresh Produce and Flowers			
Category	Whole Foods Market Status	Active Ingredient	US EPA Status
PROHIBITED CATEGORY 1A No food uses registered by US EPA but still in use in agriculture outside of US Prohibited without exception regardless of product origin for “good” rating	Prohibited	Allethrin	No food uses
	Prohibited	Amitrole	No food uses
	Prohibited	Azinphos methyl	Phase out 2013
	Prohibited	Carbofuran	No food uses
	Prohibited	Chlorpyrifos methyl	No food uses
	Prohibited	Demeton	No food uses
	Prohibited	Dichlorvos (DDVP)	No food uses
	Prohibited	Dicofol	No food uses
	Prohibited	Disulfoton	No food uses
	Prohibited	Fenamiphos	No food uses
	Prohibited	Fenitrothion	No food uses
	Prohibited	Fenvalerate	No food uses
	Prohibited	Hexachlorobenzene	No food uses
	Prohibited	Lindane	No food uses
	Prohibited	Methamidophos	No food uses
	Prohibited	Monocrotophos	No food uses
	Prohibited	Methyl parathion	Phase out 2013
	Prohibited	Omethoate	No food uses
	Prohibited	Parathion ethyl	No food uses
	Prohibited	Pentachlorophenol	No food uses
	Prohibited	Phorate	No food uses
	Prohibited	Pirimiphos methyl	No food uses
	Prohibited	Profenofos	No food uses
	Prohibited	Propetamphos	No food uses
	Prohibited	Resmethrin	No food uses
	Prohibited	Sumithrin (phenothrin)	No food uses
	Prohibited	Thiazopyr	No food uses

Whole Foods Market Prohibited and Restricted Use Pesticides for Fresh Produce and Flowers				
Category		Whole Foods Market Status	Active Ingredient	US EPA Status
	CATEGORY 1B Registered for food use by US EPA	Prohibited	Acephate	Registered
		Prohibited	Aldicarb	Phase out 2018
		Prohibited	Endosulfan	Phase out 2016
		Prohibited	Ethoprop	Registered
	Prohibited without exception for “good” rating	Prohibited	Oxydemeton methyl	Registered
		Prohibited	Methomyl	Registered
		Prohibited	Dimethoate	Registered
		Prohibited	Oxamyl	Registered

RESTRICTED	CATEGORY 2A Prohibited unless a specific exception is posted below	Restricted	Phosmet	Registered
		Restricted	Chlorpyrifos	Registered
		Restricted	Diazinon	Registered
		Restricted	Carbaryl	Registered
	CATEGORY 2B Prohibited for “best” rating	Prohibited for “best”	Clothianidin	Registered
		Prohibited for “best”	Imidacloprid	Registered
		Prohibited for “best”	Thiamethoxam	Registered
		Prohibited for “best”	Dinotefuran	Registered
	CATEGORY 2C Prohibited unless a specific exception is posted below	Restricted	All pesticide products not registered with the US EPA	Not registered

CATEGORY 2A Specific Exception List

The following is a list of crop/origin/pest-specific exceptions approved for category 2A:

- Carbaryl for thinning apples in all regions until September 2014. The following use restrictions apply:
 - For use in thinning apples only after pollination is complete.
 - Do not use within 50 days of harvest.
 - Do not use more than 1.01 lbs. carbaryl per acre per application, e.g. 1 qt. of Sevin XLR Plus® or Drexel Carbaryl 4L® per acre.
 - Do not use more than two applications per year.
- Chlorpyrifos for control of lesser peach tree borer, plum curculio, oriental fruit moth and stink bugs on peaches in Georgia until September 2014. The following use restrictions apply:
 - Do not apply when fruit are present.
 - Do not apply more than 1.01 lb. chlorpyrifos per acre per application, e.g. 2 pints of Lorsban 4E per acre.
 - Do not use more than three applications per year.

- Chlorpyrifos for control of Asian citrus psyllid on citrus in Florida until September 2014. The following use restrictions apply:
 - Apply chlorpyrifos post-harvest only, at least 180 days before subsequent harvests.
 - Do not use more than 2.53 lbs. chlorpyrifos per acre per application, e.g. 5 pints of Lorsban 4E or Lorsban Advanced per acre.
 - Do not make more than two applications per season.
 - Only use if Asian citrus psyllid is a target pest.

CATEGORY 2C Specific Exception List

The following is a list of crop/origin/pest-specific exceptions approved for category 2C:

- None

This policy is subject to change and will be updated as needed.