

Field Pesticide Program

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Approved Pesticide List


- Industry wide approved list program is managed electronically by the California League of Food Processors, (CLFP)
- In addition The Morning Star Packing Company list has the ability to further restrict products as required by customer requirements.
- Example: Extend the Pre-harvest intervals.

CROP: TOMATOES
CREATED: JUNE 25, 2014
Updated this list 29X for the year

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CALIFORNIA LEAGUE OF FOOD PROCESSORS PESTICIDE LIST - CUSTOM LIST -

THIS LIST HAS BEEN CUSTOMIZED AND APPROVED FOR USE BY:
The Morning Star Packing Co.



This list summarizes numerical tolerances established by the Environmental Protection Agency (EPA) and entered in the Code of Federal Regulations, and published in the Federal Register. Nothing in this list purports to instruct the user as to the how, when, or where to apply pesticides – such detailed information must be obtained from either federal or state approved labels. Users should comply with all federal, state, and local laws and regulations, and must be in compliance with all such laws, rules and regulations prior to the application of any pesticide. Neither the California League of Food Processors nor **The Morning Star Packing Co., (aka Buyer)** shall be liable to any person who relies on this list as a recommendation or advice for the use of any pesticide in accordance with the limits set forth herein, or otherwise. Notwithstanding advice from anyone in regard to the use of materials listed herein, the restrictions shown on federal or state registered labels must be observed, unless specific written approval for deviation therefrom has been obtained from **The Morning Star Packing Co., (aka Buyer)**.

When any of the pesticides included in this list are necessary for pest control in the growing and/or preparation for delivery of this crop, **The Morning Star Packing Co., (aka Buyer)** (unless otherwise stipulated) does not object to their use, provided that the quantity applied does not exceed the dosage shown; the time interval between the last application and harvest is not shorter than the limitation shown; the residue on the crop at the time of harvest or as delivered does not exceed the tolerance shown; and all labeled precautions have been adhered to during the course of all applications and/or treatments.

ALL LABELED PRECAUTIONS MUST BE ADHERED TO IN THE USE OF ANY PESTICIDES.

WARNING NOTES:

- 1- THIS LIST DOES NOT CONSTITUTE A RECOMMENDATION FOR THE USE OF ANY PESTICIDE, however, any restrictive notations within the listed entries must be strictly observed by the users of the pesticides.
- 2- Pesticides listed include only those labeled for use in California and are not intended to be all inclusive. For example, most post-harvest spray or dip treatments and most seed treatments are not listed. It is not the intent of this list to recommend specific formulations of individual products, and the listing of specific trade names does not imply the endorsement of any individual product or formulation.
- 3- Tolerances shown are for residue of the parent compound and/or breakdown products (metabolites), as specified in Part 180, Chapter 1, Title 40 of the Code of Federal Regulations.
- 4- Limitations are taken in part from product labels, and are not intended to be all inclusive. IT IS A VIOLATION OF FEDERAL LAW TO USE A PESTICIDE IN A MANNER INCONSISTENT WITH ITS LABELING.
- 5- Refer to labels for information on PLANTBACK RESTRICTIONS, and if questions arise consult the Department of Pesticide Regulations (DPR) in the California Environmental Protection Agency (Cal EPA) or your local County Agricultural Commissioner regarding the most up-to-date information.
- 6- Consult the DPR or your local County Agricultural Commissioner regarding the most up-to-date information on WORKER SAFETY, REENTRY INTERVALS, ENDANGERED SPECIES, SURFACE AND GROUND WATER REGULATIONS, and LOCAL PERMIT CONDITIONS and for the correct methods of disposing of unwanted pesticides and containers.

ADDITIONAL WARNINGS ON THE USE OF PESTICIDES

Pesticides are poisonous. Keep all pesticides out of the reach of children, unauthorized persons, pets, and livestock. Read and carefully follow all precautions and recommendations on the pesticide label. Strict adherence to the label is essential to insure that the application of pesticides will not result in illegal residues at harvest. GROWERS ARE RESPONSIBLE FOR RESIDUES ON THEIR CROPS.

TOLERANCE INFORMATION

Information on pesticide tolerances in the following list of pesticides are as follows:

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1755 CREEKSIDE OAKS, SUITE 250, SACRAMENTO, CA 95833 PHONE (916) 640-8150 FAX (916) 640-8156



Example of a Customer Restriction

- Label is "0" days
 - Customer says "7" days

chlorothalonil	5 ppm	2.25 lb ai/ A	15.75 lb ai/ A				
* Bravo 500 (50534-8-10182)		4.25 pt	30.4 pt		12 hours	7 days	Refer to individual labels and follow label instructions for formulations registered for use on Tomatoes in CA. Repeat applications at 7-10 day intervals to maintain control. No restriction on number of applications or spray interval.
* Bravo Ultrex (50534-201- 100)		2.7 lb	19 lb		12 hours	7 days	Refer to individual labels and follow label instructions for formulations registered for use on Tomatoes in CA. Repeat applications at 7-10 day intervals to maintain control. No restriction on number of applications or spray interval.
* Bravo Ultrex (50534-201-10182)		2.7 lb	19 lb		12 hours	7 days	Refer to individual labels and follow label instructions for formulations registered for use on Tomatoes in CA. Repeat applications at 7-10 day intervals to maintain control. No restriction on number of applications or spray interval.
* Bravo Weather Stik (50534-188-100)		2.75 pt	20 pt		12 hours	7 days	Refer to individual labels and follow label instructions for formulations registered for use on Tomatoes in CA. Repeat applications at 7-10 day intervals to maintain control. No restriction on number of applications or spray interval.
* Bravo Weather Stik (50534-188-10182)		2.75 pt	20 pt		12 hours	7 days	Refer to individual labels and follow label instructions for formulations registered for use on Tomatoes in CA. Repeat applications at 7-10 day intervals to maintain control. No restriction on number of applications or spray interval.

- Label is "5" days
 - Customer says "30" days

mancozeb	0.5 ppm	1.5 lb ai/ A	6.4 lb ai/ A				
* Cuprofix MZD (4581-397)		4.75 lb	21 lb		24 hours	30 days	For all uses: Do not exceed a total of 1.6 lb EBDC ai. per acre, 6.4lb EBDC ai. per acre per crop, regardless of product (s) used. If more than one product containing an EBDC active ingredient is used on a crop during the same growing season, the total pounds of all such EBDC products used must not exceed the lowest specified individual EBDC product maximum seasonal pounds of active ingredient allowed per acre.
* Dithane DF Rainshield (62719-402)		2 lb	8.5 lb		24 hours	30 days	For all uses: do not feed or graze treated area or crop. Refer to individual labels and follow label instructions for formulations registered for use on tomatoes in CA.



MRL Spreadsheet – Internal Spreadsheet

Jpn MRL, --- no MRL est.	JPN- MRL 041820 08	On the Japan + List	EU List from Sales 020608	CLFP	MRL (2014)	Chemical Name	Type of Product	EPA MRL 07142014	CODEX MRL (mg/kg) 07142014	EU 07142014	Albania 07142014	Algeria 07142014
	1.00	N				(Es) Fenvalerate	Insect, Miti, Nematicides	0.50	NTE	0.05	EXP	NTE
---	0.07	Y	NTE			(S) METOLACHLOR	Herbicide	0.10	NTE	0.05	EXP	NTE
	0.01	Y				1,1-DICHLORO-2,2-BIS(4-ETHYLPHENYL)ETHANE	Agro-chemical					
	0.10	Y				1-NAPHTHALENEACETIC ACID	Agro-chemical					
	0.01	Y				2-(1-NAPHTHYL)ACETAMIDE	Agro-chemical					
	0.10	Y				2,2-DPA	Agro-chemical					
	0.00	Y	NTE			2,4-D	Agro-chemical	0.05	NTE	NTE	EXP	NTE
	0.01	Y				2,4-DB	Agro-chemical					
	0.01	Y				2,6-DIFLUOROBENZOIC ACID	Agro-chemical					
	0.01	Y				2-ACETYLAMINO-5-NITROTHIAZOLE	Animal-chemical					
	8.00	Y				2-PHENYLPENOL	Agro-chemical					
						3 HYDROXYCARBOFURAN						
						3-OH Carbofuran						
	0.01	Y				4-AMINOPYRIDINE	Agro-chemical					
---	0.10	Y				4-Chlorophenoxyacetic Acid (4-CPA)	Agro-chemical	0.05				
	0.01	Y				5-(PROPYLSULPHONYL)-1-H-BENZIMIDAZOLE-2-AMINE	Animal-chemical					
						a,b,d-BHC						
---	0.02	Y	NTE			ABAMECTIN	agro/animal- chemical	0.02	0.02	0.02	EXP	0.02
	5.00	Y				ACEPHATE	Agro-chemical	0.02	1.00	0.01	EXP	1.00



MRL Spreadsheet – Internal Spreadsheet

Market	Origin Market	Active Ingredient	Published Commodity	Index Commodity	MRL (ppm)
United States		Abamectin	Vegetable, fruiting, group 8	Tomato	0.02
United States		Acequinocyl	Vegetable, fruiting, group 8	Tomato	0.7
United States		Acetamiprid	Vegetable, fruiting, group 8-10	Tomato	0.2
United States		Acibenzolar-S-methyl	Vegetable, fruiting, group 8	Tomato	1
United States		Alpha-Cypermethrin	Vegetable, fruiting, group 8-10	Tomato	0.2
United States		Ametoctradin	Vegetable, fruiting, group 8-10	Tomato	1.5
United States		Azoxystrobin	Tomato subgroup 8-10A	Tomato	0.2
United States		Benoxacor	Tomato	Tomato	0.01



Sharing Pesticide Data


- ✓ Most growers share their pesticide use information electronically, some still rely on faxes or emails.
- ✓ Morning Star subscribes to the most common electronic data bases so information is received in a timely manner.
- ✓ Benefit of the electronic data bases is the automatic checking of the rates and phi's to ensure compliance
- ✓ The clear to harvest date is recorded in our proprietary program load tracking program.






Water System
Pesticide Detection Program

INSTRUCTIONS:



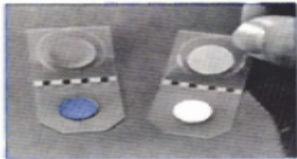
1 EXPOSE

- Collect 20 mL sample in beaker
- Remove ticket from packet
- Expose white test disc only
- Dip white disc into beaker for 1 minute



2 DEVELOP

- Remove ticket from beaker
- Remove foil and expose second disc
- Fold ticket at perforation
- Press discs together
- Hold for 3 minutes



3 READ RESULTS

- Open ticket flat
- Blue color means pesticide is not detected
- White color means pesticide is present

For more information or to reorder, contact:
EnzyTec, Inc.
800-634-2807

Every field prior to harvest is tested to ensure no residue or accidental drift has occurred. This information is recorded and tracked in our proprietary program load tracking program.



AUDITS

- No field can be harvested without a pesticide use report & a pesticide residue report.
- Our proprietary load tracking program stops any loads from being dispatched prior to harvest if the above criteria is not met
- If a load out of compliance did show up at the receiving scale it will not be allowed to be received.



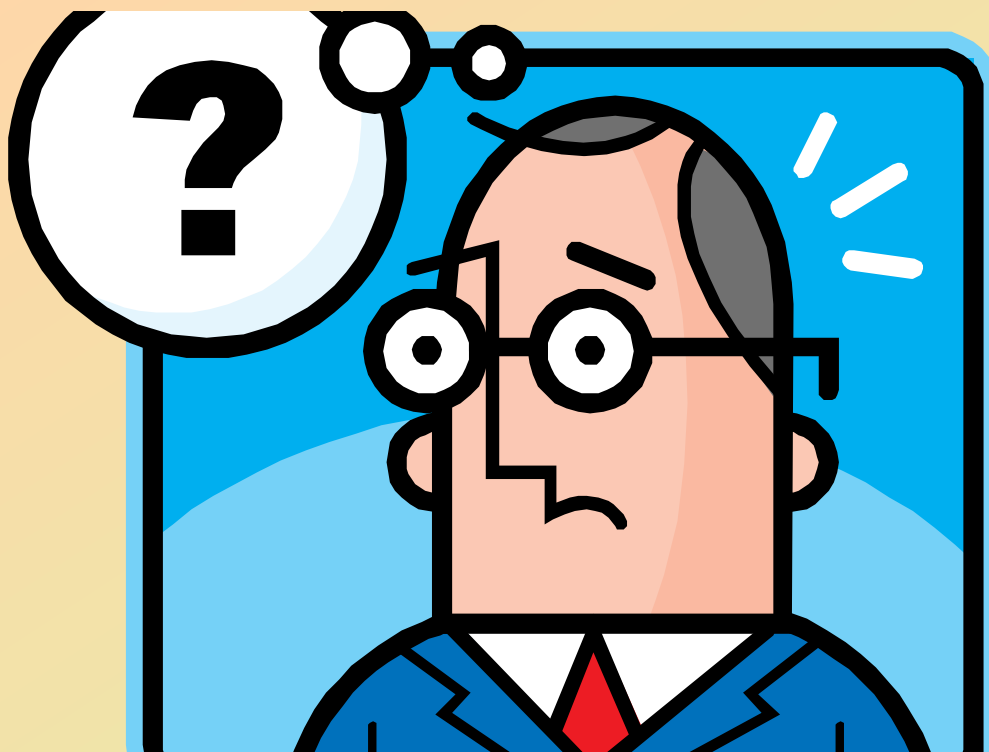
All paperwork must be in order and cleared prior to harvest.



End of Season Audit

- At the end of season all applications are downloaded into an additional database and used for sustainable agriculture reporting and customer questions.
- All paperwork is confirmed it is scanned and located in the proper locations on the servers for QA/QC access.





THANK YOU!!!

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