



## LODI RULES for Sustainable Winegrowing Pesticide Risk Model: PEAS INSTRUCTIONS



The EASIEST way to calculate the total **Pesticide Environmental Assessment System (PEAS) Impact Index Points** for a vineyard for the certification year (post-harvest the previous year through harvest of the current year) is to do it on a per application basis, then take the sum.

1. For each pesticide applied, calculate the per acre rate that was used for that application. If a pesticide was only applied to part of the vineyard (e.g. an herbicide application), take the total amount of pesticide applied to the area sprayed and divide this number by the total vineyard acres treated to get the per acre rate. See examples below.
2. To calculate the **PEAS Impact Index Points** for a single application, look up the pesticide on the **PEAS** list (Tab 7 in the Binder or available on [lodigrowers.com](http://lodigrowers.com)) and find the **Impact Index points per unit** for that pesticide. The **Impact Index** listed is for one unit of the pesticide. For example, for Sulfur dust the **Impact Index** is 0.15 per pound (lb) or unit of sulfur. If 10 lbs per acre of sulfur is applied in one dusting, the total **Impact Index Points** for that application per acre is:

10 lbs per acre x 0.15 Impact Index points per lb = 1.50 Impact Index Points per acre

3. Calculate the **PEAS Impact Index Points** for each application of pesticides for the entire year from post-harvest to harvest, and add them all up to get the total number of **PEAS Impact Index Points** for the certification year. See below:

Spray Date	Pesticide Trade Name	Per Acre Rate of Application	Unit of Material	PEAS Impact Index per Unit	PEAS Impact Index Points per Acre
4/13/18	Sulfur dust	10	lb	0.15	1.50
4/22/18	Sulfur dust	15	lb	0.15	2.25
5/03/18	Sulfur dust	15	lb	0.15	2.25
5/13/18	RoundUp Ultra Dry*	$0.92 \div 3 = 0.31$	lb	0.23	0.07*
5/16/18	Sulfur dust	14	lb	0.15	2.10
5/29/18	Sulfur dust	15	lb	0.15	2.25
6/02/18	Rally 40W	3.88	oz	0.08	0.31
6/24/18	Provado Solupak 75% WP	0.63	oz	5.47	3.45
6/24/18	Acramite 50WS	0.87	lb	0.82	0.71
6/24/18	Pristine	11.49	oz	0.02	0.23
7/28/18	Gramoxone Max*	$1 \div 3 = 0.33$	pt	3.43	1.13*
7/31/18	RoundUp Ultra Dry*	$0.63 \div 3 = 0.21$	lb	0.23	0.05*
<b>Total PEAS Impact Index Points per Acre for 2018</b>					<b>16.30 ✓</b>

*\*Herbicide was only sprayed on a third of the vineyard, so the per acre rate was divided by 3 and that figure was used to calculate the per acre **Impact Index Points***

**To become certified, do not exceed 50 Total PEAS Impact Index Points per Acre**

**NOTE:** If you plan to use a pesticide that is not on the **most current PEAS list** (which can always be found at [lodigrowers.com](http://lodigrowers.com)), please contact [stephanie@lodiwine.com](mailto:stephanie@lodiwine.com) ASAP or by **JULY 1st, 2018**. **EVERY LODI RULES participant must submit PEAS calculations to their Auditor after they are done applying or by Sept. 1<sup>st</sup>.**

**DO include in PEAS:** pesticides (which may include fungicides, herbicides, insecticides, miticides, nematocides, bactericides), soil fumigants

**DON'T include in PEAS:** spray solution additives (adjuvants, surfactants, spreaders, stickers), vertebrate baits

# LODI RULES PEAS Impact Indexes

Sorted by impact index

Updated August 29th, 2017 (new products added only, shaded in green)

The PEAS Impact Index points for the pesticides used in each vineyard for the year cannot exceed **50 points per acre**. PEAS Impact Index points are reflective of the risk to farm workers, birds, bees, beneficial insects, small aquatic invertebrates, and dietary risks to people who consume the product. The length of this list is reflective of the wide array of available plant protection products, many of which are listed in duplicate as they are under different trade names or types, and is under no circumstances indicative of grapes being a pesticide-heavy crop.



Trade Name	Type	Unit of Material	PEAS Impact Index per Unit
Dibrom 8E	Insecticide & Miticide	pt	120.92
Legion Insecticide	Insecticide & Miticide	pt	120.92
Imidan 70W	Insecticide & Miticide	lb	55.97
Malathion 8	Insecticide & Miticide	pt	53.86
Diazinon 50W	Insecticide & Miticide	lb	51.26
Lorsban 75WG	Insecticide & Miticide	lb	50.40
Diazinon 4E	Insecticide & Miticide	pt	48.96
Agrisolutions Yuma 4E Insecticide	Insecticide & Miticide	pt	44.47
Eraser	Insecticide & Miticide	pt	44.47
Lorsban 4E	Insecticide & Miticide	pt	44.47
Whirlwind	Insecticide & Miticide	pt	44.47
Chlorpyrifos 4E AG	Insecticide & Miticide	pt	43.34
Govern 4E Insecticide	Insecticide & Miticide	pt	43.34
Nufos 4E	Insecticide & Miticide	pt	43.34
Warhawk	Insecticide & Miticide	pt	43.34
Lorsban 4E-HF	Insecticide & Miticide	pt	43.25
Kelthane MF	Insecticide & Miticide	pt	41.81
Kelthane 50WSP	Insecticide & Miticide	lb	41.64
Malathion 5	Insecticide & Miticide	pt	33.75
Lannate SP	Insecticide & Miticide	lb	29.84
Agrisolutions Dimate 4E	Insecticide & Miticide	pt	24.09
Cheminova Dimethoate 4E	Insecticide & Miticide	pt	23.16
Clean Crop Dimethoate 400	Insecticide & Miticide	pt	23.16
Dimethoate 400	Insecticide & Miticide	pt	23.16
Dimethoate 4E	Insecticide & Miticide	pt	23.16
Dimethoate 25WP	Insecticide & Miticide	lb	11.33
Lannate LV	Insecticide & Miticide	pt	10.25
Tombstone	Insecticide & Miticide	fl oz	9.37
Britz 415 Supreme Spray Oil	Insecticide & Miticide	gal	9.14
Britz Supreme Spray Oil	Insecticide & Miticide	gal	9.00
Biocover LS	Insecticide & Miticide	gal	8.82
Clean Crop Spray Oil	Insecticide & Miticide	gal	8.82

Trade Name	Type	Unit of Material	PEAS Impact Index per Unit
Clean Crop Supreme Oil	Insecticide & Miticide	gal	8.82
Dormant Plus	Insecticide & Miticide	gal	8.82
Dormant Spray Oil 100	Insecticide & Miticide	gal	8.82
Omni Oil	Insecticide & Miticide	gal	8.82
Omni Supreme Spray	Insecticide & Miticide	gal	8.82
Purespray Foliar 15	Insecticide & Miticide	gal	8.82
Purespray Spray Oil 10E	Insecticide & Miticide	gal	8.82
Spray Oil	Insecticide & Miticide	gal	8.82
Spray Oil 10E	Insecticide & Miticide	gal	8.82
Spray Oil 13E	Insecticide & Miticide	gal	8.82
Spray Oil 15E	Insecticide & Miticide	gal	8.82
Spray Oil 22E	Insecticide & Miticide	gal	8.82
Spray Oil 415	Insecticide & Miticide	gal	8.82
Superior 415 Spray Oil	Insecticide & Miticide	gal	8.82
Superior 440 Spray Oil	Insecticide & Miticide	gal	8.82
Superior 470 Spray Oil	Insecticide & Miticide	gal	8.82
Supreme Oil	Insecticide & Miticide	gal	8.82
V-415 Spray Oil	Insecticide & Miticide	gal	8.82
V-440 Spray Oil	Insecticide & Miticide	gal	8.82
V-470 Spray Oil	Insecticide & Miticide	gal	8.82
Volk Clear	Insecticide & Miticide	gal	8.82
Volk Supreme Spray	Insecticide & Miticide	gal	8.82
Sevin Brand 80S Carbaryl	Insecticide & Miticide	lb	8.81
Sevin XLR	Insecticide & Miticide	qt	8.78
Nexter	Insecticide & Miticide	oz	8.38
BSP Lime sulfur solution	Fungicide	gal	6.94
Cypress Green Lime-sulfur Solution	Fungicide	gal	6.94
Green Cypress Lime-Sulfur Solution	Fungicide	gal	6.94
Res Lime Sulfur Solution	Fungicide	gal	6.47
Paraquat Concentrate	Insecticide & Miticide	pt	6.21
Ziram 76DF	Fungicide	lb	5.72
Ziram Granuflo	Fungicide	lb	5.72
Furidan 15G	Insecticide & Miticide	lb	5.58
Furidan 15G	Nematicide & Soil Fumigant	lb	5.58
Couraze Solupak	Insecticide & Miticide	oz	5.47
Pasada 75WSB	Insecticide & Miticide	oz	5.47
Provado Solupak 75% WP	Insecticide & Miticide	oz	5.47
Nu-Cop 50DF	Fungicide	lb	5.22
Champ Wettable Powder	Fungicide	lb	5.11
Champion WG	Fungicide	lb	5.11
Kop-Hydroxide 50W	Fungicide	lb	5.11
Fugitive	Herbicide	qt	5.02

Trade Name	Type	Unit of Material	PEAS Impact Index per Unit
Telone C-35	Insecticide & Miticide	gal	4.68
Telone C-35	Nematicide & Soil Fumigant	gal	4.68
Venom Insecticide	Insecticide & Miticide	oz	4.21
Champ DP Dry Prill	Fungicide	lb	3.91
Champ Formula II Dry Flowable	Fungicide	lb	3.91
Renounce	Insecticide & Miticide	oz	3.82
Bac Stop Copper	Fungicide	lb	3.79
Champ Formula 2 Flowable	Fungicide	pt	3.71
Kocide 2000	Fungicide	lb	3.57
Iprodione 4L AG	Fungicide	pt	3.54
Rovral Brand 4 Flowable	Fungicide	pt	3.54
Entrust	Insecticide & Miticide	oz	3.51
Gramoxone Max	Herbicide	pt	3.43
Parazone 3SL	Herbicide	pt	3.43
Wrangler (soil)	Insecticide	fl oz	3.35
Badge X2 (ground)	Fungicide	lb	3.28
Dupont Mankocide	Fungicide	lb	3.17
Mankocide Fungicide/Bactericide	Fungicide	lb	3.17
Devrinol 50DF	Herbicide	lb	3.02
Kocide 3000	Fungicide	lb	2.94
Nordox 75 WG	Fungicide	lb	2.82
Rovral Fungicide	Fungicide	lb	2.73
Clutch WDG	Insecticide & Miticide	oz	2.55
Javeline	Insecticide & Miticide	lb	2.38
Baythroid XL	Insecticide & Miticide	fl oz	2.32
Nu-Cop 3L	Fungicide	pt	2.18
Danitol 2.4EC	Insecticide & Miticide	fl oz	2.10
Nordox	Fungicide	lb	1.88
Ditera DF	Insecticide & Miticide	lb	1.80
Ditera DF	Nematicide & Soil Fumigant	lb	1.80
Pyrenone Crop Spray	Insecticide & Miticide	pt	1.69
Success	Insecticide & Miticide	fl oz	1.67
Biobit	Insecticide & Miticide	lb	1.63
Apollo 42% Ovicide/Miticide	Insecticide & Miticide	fl oz	1.56
Dipel	Insecticide & Miticide	lb	1.51
Pyganic Crop Protection EC 5.0	Insecticide & Miticide	pt	1.39
Telone C-15	Insecticide & Miticide	gal	1.30
Telone C-15	Nematicide & Soil Fumigant	gal	1.30
Firestorm	Herbicide	pt	1.25
Provado 1.6F	Insecticide & Miticide	fl oz	1.17
Benlate	Fungicide	lb	1.13
Crymax Bioinsecticide	Insecticide & Miticide	lb	1.12

Trade Name	Type	Unit of Material	PEAS Impact Index per Unit
Platinum 75 SG (foliar treatment)	Insecticide & Miticide	fl oz	1.07
Captan 50	Fungicide	lb	1.05
Drexel Captan 50W	Fungicide	lb	1.02
Captan Pro 50WP	Fungicide	lb	1.00
Vendex WP	Insecticide & Miticide	lb	0.98
Badge SC	Insecticide & Miticide	pt	0.97
Trilogy	Fungicide	gal	0.91
Brigade 2EC	Insecticide & Miticide	fl oz	0.86
Acramite 50WS	Insecticide & Miticide	lb	0.82
Parrot DF	Herbicide	lb	0.82
Parrot 4L	Herbicide	qt	0.81
Leverage 2.7 EC	Insecticide & Miticide	fl oz	0.78
Fujimite 5EC	Insecticide & Miticide	pt	0.77
Vapam HL	Insecticide & Miticide	gal	0.73
Vapam HL	Nematicide & Soil Fumigant	gal	0.73
Direx 80DF	Herbicide	lb	0.70
Diuron 80DF	Herbicide	lb	0.70
Vegetation Manager Diuron 80DF	Herbicide	lb	0.70
Applaud 70DF	Insecticide & Miticide	lb	0.65
Applaud 70WP	Insecticide & Miticide	lb	0.65
Admire Pro (fertigation)	Insecticide & Miticide	fl oz	0.62
Alias 4F (fertigation)	Insecticide & Miticide	fl oz	0.62
Gly Star 5 Extra	Herbicide	pt	0.59
Glyfos Custom Herbicide	Herbicide	pt	0.59
Clean Crop COCS WDG or Wettable	Fungicide	lb	0.58
C-O-C-S WDG	Fungicide	lb	0.58
COCS Wettable	Fungicide	lb	0.58
Dithane M-45	Fungicide	lb	0.58
Maneb 80W	Fungicide	lb	0.58
Penncozeb 80WP	Fungicide	lb	0.58
Kryocide	Insecticide & Miticide	lb	0.56
Prokil Cryolite 96	Insecticide & Miticide	lb	0.56
Gramoxone Inteon	Herbicide	pt	0.55
Gramoxone SL	Herbicide	pt	0.55
Gramoxone SL 2.0	Herbicide	pt	0.55
Dupont Karmex IWC Herbicide	Herbicide	lb	0.54
Karmex DF	Herbicide	lb	0.54
Karmex XP	Herbicide	lb	0.54
Scorpion 35 SL (soil app.)	Insecticide & Miticide	fl oz	0.51
Maneb 75DF	Fungicide	lb	0.50
Purespray Green	Fungicide	gal	0.48
Purespray Green	Insecticide & Miticide	gal	0.48
Cryolite 50 Dust	Insecticide & Miticide	lb	0.47

Trade Name	Type	Unit of Material	PEAS Impact Index per Unit
IAP Pro C.O.C.	Fungicide	gal	0.47
Drexel Captan 4L Fungicide	Fungicide	qt	0.45
Omite 30W	Insecticide & Miticide	lb	0.45
Accord SP	Herbicide	pt	0.44
Agrisolutions Cornerstone Herbicide	Herbicide	pt	0.44
Buccaneer	Herbicide	pt	0.44
Buccaneer Plus Glyphosate Herbicide	Herbicide	pt	0.44
Clearout 41 Plus	Herbicide	pt	0.44
CropSmart Glyphosate 41 Plus	Herbicide	pt	0.44
Crop-Sure Glyphosate Plus Herbicide	Herbicide	pt	0.44
Drexel Imitator Plus	Herbicide	pt	0.44
Gly Star Original	Herbicide	pt	0.44
Gly Star Pro	Herbicide	pt	0.44
Gly-4 Herbicide	Herbicide	pt	0.44
Gly-4 Plus Herbicide	Herbicide	pt	0.44
Glyphomax	Herbicide	pt	0.44
Glyphomax Plus	Herbicide	pt	0.44
Glyphos II Herbicide	Herbicide	pt	0.44
Glypro Plus	Herbicide	pt	0.44
Glystar Plus	Herbicide	pt	0.44
Glysupreme Plus	Herbicide	pt	0.44
Makaze	Herbicide	pt	0.44
Mirage	Herbicide	pt	0.44
Mirage Plus	Herbicide	pt	0.44
Nufarm Credit Systemic Extra	Herbicide	pt	0.44
Nufarm Credit Systemic Herbicide	Herbicide	pt	0.44
Prokoz Glyphosate Pro	Herbicide	pt	0.44
Prokoz Glyphosate Pro 4 Herbicide	Herbicide	pt	0.44
Quali-Pro Glyphosate T&O	Herbicide	pt	0.44
Vegetation Manager Glyphosate	Herbicide	pt	0.44
Wise Up Plus Glyphosate Herbicide	Herbicide	pt	0.44
Macho 4.0	Insecticide & Miticide	fl oz	0.43
Montana 4F	Insecticide & Miticide	fl oz	0.43
Nuprid 4F Max	Insecticide & Miticide	fl oz	0.43
Acumen Herbicide	Herbicide	qt	0.42
Agrisolutions Pendant 3.3EC Herbicide	Herbicide	qt	0.42
Glyphosate Original	Herbicide	pt	0.42
Helena Pendimethalin	Herbicide	qt	0.42
Nufarm Debit TMF Herbicide	Herbicide	pt	0.42
Prowl 3.3 EC	Herbicide	qt	0.42
Roundup Powermax	Herbicide	pt	0.42
Roundup Weathermax Herbicide	Herbicide	pt	0.42
Roundup XL Herbicide	Herbicide	pt	0.42

Trade Name	Type	Unit of Material	PEAS Impact Index per Unit
Stealth Herbicide	Herbicide	qt	0.42
Trailblazer Maxx	Herbicide	pt	0.42
Touchdown HiTech	Herbicide	qt	0.41
Diuron 80DF IVM	Herbicide	lb	0.39
Predict Herbicide	Herbicide	lb	0.39
Solicam DF	Herbicide	lb	0.39
Wrangler (foliar)	Insecticide	fl oz	0.39
Pyganic Crop Protection EC 1.4	Insecticide & Miticide	pt	0.38
Roundup Ultramax	Herbicide	pt	0.38
Actara	Insecticide & Miticide	oz	0.36
Bayleton 50% Dry Flowable Fungicide	Fungicide	oz	0.36
Botran 75WP	Fungicide	lb	0.36
Platinum (foliar treatment)	Insecticide & Miticide	fl oz	0.36
Pasada 1.6F	Insecticide & Miticide	fl oz	0.35
Triflurex HFP	Herbicide	qt	0.35
Brigade WSP	Insecticide & Miticide	oz	0.34
Captan 80WDG	Fungicide	lb	0.34
Captan 80-WP	Fungicide	lb	0.34
CSC 80% Thiosperse	Fungicide	lb	0.34
Diuron 4L	Herbicide	pt	0.34
Drexel Captan 80 EDF	Fungicide	lb	0.34
Drexel Captan 80 WDG	Fungicide	lb	0.34
Thiosperse	Fungicide	lb	0.34
Touchdown Total	Herbicide	qt	0.34
Abacus V	Insecticide	fl oz	0.33
Zeal	Insecticide & Miticide	oz	0.33
Diuron WP	Herbicide	lb	0.31
Glufosinate 280SL (in-season)	Herbicide	fl oz	0.30
Savage	Herbicide	lb	0.30
Assail 70WP	Insecticide & Miticide	oz	0.28
Cuprofix Ultra 40 Dispers	Fungicide	lb	0.27
ABBA 0.15EC	Insecticide & Miticide	fl oz	0.26
Jet-Ag	Fungicide & Bactericide	fl oz	0.26
Agri-Flex	Insecticide & Miticide	fl oz	0.25
Dithane F-45	Fungicide	pt	0.25
Dupont Manzate Flowable Fungicide	Fungicide	pt	0.25
Dupont Manzate Pro-Stik Fungicide	Fungicide	lb	0.25
Manzate Flowable	Fungicide	pt	0.25
Penncozeb 4FL	Fungicide	pt	0.25
Requiem 25EC	Insecticide & Miticide	qt	0.25
Vanguard WG	Fungicide	oz	0.25
Micro Flo Captec 4L	Fungicide	pt	0.24
Scorpion 35 SL (foliar)	Insecticide & Miticide	fl oz	0.24

Trade Name	Type	Unit of Material	PEAS Impact Index per Unit
Nuprid 1.6F	Insecticide & Miticide	fl oz	0.23
RoundUp Ultra Dry	Herbicide	lb	0.23
Macho 2.0	Insecticide & Miticide	fl oz	0.22
Agri-Mek	Insecticide & Miticide	fl oz	0.21
Delegate WG	Insecticide & Miticide	oz	0.21
Direx 4L	Herbicide	pt	0.21
Extra Credit 5 Systemic Herbicide	Herbicide	pt	0.21
Intrepid 2F	Insecticide & Miticide	fl oz	0.19
Visor 2E	Herbicide	pt	0.19
Clean Crop Trifluralin HF	Herbicide	pt	0.18
Prowl H2O	Herbicide	pt	0.18
Tenkoz Trifluralin 4EC	Herbicide	pt	0.18
Treflan 4L Herbicide	Herbicide	pt	0.18
Treflan HFP	Herbicide	pt	0.18
Triap 4HF	Herbicide	pt	0.18
Trifluralin HF	Herbicide	pt	0.18
Trilin	Herbicide	pt	0.17
Trilin Herbicide	Herbicide	pt	0.17
Farm Saver Oryzalin 4AS	Herbicide	qt	0.16
Farmsaver.com Glyphosate 4	Herbicide	pt	0.16
Gowan Trifluralin 4	Herbicide	pt	0.16
Honcho	Herbicide	pt	0.16
Honcho Plus	Herbicide	pt	0.16
Integro Wettable Sulfur 97	Fungicide	lb	0.16
Treflan M.T.F. Herbicide	Herbicide	pt	0.16
Wettable Sulfur 97	Fungicide	lb	0.16
Britz Magic Sulfur Dust	Fungicide	lb	0.15
Integro Magnetic Sulfur Dust	Fungicide	lb	0.15
Sulfur dust	Fungicide	lb	0.15
Wilbur-Ellis Spray Sulfur	Fungicide	lb	0.15
Yellow Jacket Special Dusting Sulfur	Fungicide	lb	0.15
CSC Thioben 90	Fungicide	lb	0.14
CSC Wettable Sulfur	Fungicide	lb	0.14
Drexel Sulfur 90W	Fungicide	lb	0.14
Pronatural Micronized Sulfur	Fungicide	lb	0.14
Sunbelt Microfine Sulfur	Fungicide	lb	0.14
Thiolux	Fungicide	lb	0.14
Wettable Sulfur	Fungicide	lb	0.14
Wettable Sulfur 92	Fungicide	lb	0.14
Wettable Sulfur Fungicide-Insecticide	Fungicide	lb	0.14
Yellow Jacket Wettable Dusting Sulfur II	Fungicide	lb	0.14
Ben-Sul Spray	Fungicide	lb	0.13
Clean Crop Thiolux Dry Flowable -	Fungicide	lb	0.13



Trade Name	Type	Unit of Material	PEAS Impact Index per Unit
Cosavet DF	Fungicide	lb	0.13
Kolospray Sulfur	Fungicide	lb	0.13
Kumulus DF	Fungicide	lb	0.13
Microsulf	Fungicide	lb	0.13
Microthiol Special	Fungicide	lb	0.13
Microthiol Special 80	Fungicide	lb	0.13
Simazine 90 DF	Herbicide	lb	0.13
Sulfur DF	Fungicide	lb	0.13
Sulfur W.G.	Fungicide	lb	0.13
Super-sul Micronized Wettable Sulfur	Fungicide	lb	0.13
Thiolux Dry Flowable Micronized Sulfur	Fungicide	lb	0.13
Thiolux Jet	Fungicide	lb	0.13
Adament 50WG Fungicide	Fungicide	oz	0.12
Admire 2F	Insecticide & Miticide	pt	0.12
Alias 2F	Insecticide & Miticide	pt	0.12
Applaud DF	Insecticide & Miticide	lb	0.12
Armicarb 100	Fungicide	lb	0.12
Eco-Mate Armicarb 0	Fungicide	lb	0.12
Imida E-AG 2F Insecticide	Insecticide & Miticide	pt	0.12
Microthiol Disperss	Fungicide	lb	0.12
MilStop	Fungicide	lb	0.12
Princep Caliber 90	Herbicide	lb	0.12
THAT flowable sulfur	Fungicide	pt	0.12
Touchdown Herbicide	Herbicide	pt	0.12
Wilbur-Ellis Ben-Sul 85	Fungicide	lb	0.12
Cavalry Dusting Sulfur	Fungicide	lb	0.11
Cavalry Sprayable Sulfur	Fungicide	lb	0.11
Kolospray Fungicide	Fungicide	lb	0.11
Kolospray Fungicide Insecticide	Fungicide	lb	0.11
Liquid Sulfur Six	Fungicide	pt	0.11
Altacor	Insecticide & Miticide	oz	0.10
Bi-Carb Old Fashioned Fungicide	Fungicide	lb	0.10
Dupont Altacor	Insecticide & Miticide	oz	0.10
Flint	Fungicide	oz	0.10
Kaligreen	Fungicide	lb	0.10
Trellis SC	Herbicide	fl oz	0.10
Auvant	Insecticide & Miticide	fl oz	0.09
Copper Sulphur Dust	Fungicide	lb	0.09
Deliver	Insecticide & Miticide	lb	0.09
Elite 45WP	Fungicide	oz	0.09
Enzone	Insecticide & Miticide	gal	0.09
Enzone	Nematicide & Soil Fumigant	gal	0.09
M-Pede	Insecticide & Miticide	pt	0.09

Trade Name	Type	Unit of Material	PEAS Impact Index per Unit
Safecide Brand M-Pede	Insecticide & Miticide	pt	0.09
Safer Brand Insecticide Soap	Insecticide & Miticide	pt	0.09
Sim-Trol 4L	Herbicide	qt	0.09
Surflan Dry Flowable Herbicide	Herbicide	lb	0.09
Surround	Insecticide & Miticide	lb	0.09
Tebustar 45WSP	Fungicide	oz	0.09
Agri-Mek SC	Insecticide & Miticide	fl oz	0.08
Belay	Insecticide & Miticide	fl oz	0.08
Drexel Suffa	Fungicide	pt	0.08
Farmsaver.com Oxiflo 2EC	Herbicide	pt	0.08
Goal 2XL	Herbicide	pt	0.08
Neemix 4.5	Insecticide & Miticide	pt	0.08
Oryzalin 4 A.S. (FarmSaver.com)	Herbicide	pt	0.08
Princep 4L	Herbicide	pt	0.08
Princep Liquid	Herbicide	pt	0.08
Rally 40W	Fungicide	oz	0.08
RH-3866 40 WP Formulation Product	Fungicide	oz	0.08
Simazine 4L	Herbicide	pt	0.08
Sul-Preme 52 Flowable Sulfur	Fungicide	pt	0.08
Topsin M 70 WP	Fungicide	lb	0.08
Vegetation Manager Oryzalin 4 Pro	Herbicide	pt	0.08
Ditera ES Biological Nematicide	Insecticide & Miticide	gal	0.07
Ditera ES Biological Nematicide	Nematicide & Soil Fumigant	gal	0.07
Forfeit 280	Herbicide	fl oz	0.07
Glufosinate 280SL (dormant)	Herbicide	fl oz	0.07
Switch 62.5 WG	Fungicide	oz	0.07
Aframe (ground)	Fungicide	fl oz	0.06
Alecto 41HL	Herbicide	pt	0.06
Alecto 41S	Herbicide	pt	0.06
Hoss Ultra	Herbicide	pt	0.06
Mad Dog Plus	Herbicide	pt	0.06
Roundup Original	Herbicide	pt	0.06
Scythe	Herbicide	qt	0.06
Surface	Herbicide	pt	0.06
Surflan AS	Herbicide	pt	0.06
Surflan AS Speciality Herbicide	Herbicide	pt	0.06
Botran Dust	Fungicide	lb	0.05
Goal 1.6E	Herbicide	pt	0.05
Goal T/O	Herbicide	pt	0.05
Nuprid 4.6F Pro	Insecticide & Miticide	fl oz	0.05
Proud 3	Fungicide	gal	0.05
Proud 3	Insecticide & Miticide	gal	0.05
Reaper 0.15 EC	Insecticide & Miticide	fl oz	0.05

Trade Name	Type	Unit of Material	PEAS Impact Index per Unit
Sonoma 40 (in-season)	Fungicide	oz	0.05
Alias 4F (spray)	Insecticide & Miticide	fl oz	0.04
Galigan 2E	Herbicide	pt	0.04
Goaltender	Herbicide	pt	0.04
Grandevo	Insecticide & Miticide	lb	0.04
JMS Stylet Oil	Insecticide & Miticide	gal	0.04
Poast	Herbicide	pt	0.04
Sonoma 40 (dormant)	Fungicide	oz	0.04
Sulforix	Fungicide	fl oz	0.04
Trellis	Herbicide	lb	0.04
Belt	Insecticide & Miticide	fl oz	0.03
Confirm 2F	Insecticide & Miticide	pt	0.03
Elevate 50WDG	Fungicide	oz	0.03
Inspire Super	Fungicide	fl oz	0.03
Kerb 50 WP	Herbicide	lb	0.03
Kerb 50-W	Herbicide	lb	0.03
Met 52 EC	Insecticide & Miticide	qt	0.03
Nufarm Abamectin	Insecticide & Miticide	fl oz	0.03
Procure 50WS	Fungicide	oz	0.03
Solera Abamectin	Insecticide & Miticide	fl oz	0.03
Tebuconazole 45DF	Fungicide	oz	0.03
Tourismo	Insecticide & Miticide	fl oz	0.03
Bt-Sulfur Dust	Fungicide	lb	0.02
Dithane 75DF Rainshield	Fungicide	oz	0.02
Dithane DF	Fungicide	oz	0.02
Dri-Clean	Herbicide	oz	0.02
Epi-Mek 0.15EC	Insecticide & Miticide	fl oz	0.02
Galigan Slapshot	Herbicide	pt	0.02
Manzate 75DF Fungicide	Fungicide	oz	0.02
Penncozeb 75DF	Fungicide	oz	0.02
Platinum 75 SG (chemigation)	Insecticide & Miticide	fl oz	0.02
Pristine	Fungicide	oz	0.02
Procure 480SC	Fungicide	fl oz	0.02
Promax	Fungicide	gal	0.02
Promax	Nematicide & Soil Fumigant	gal	0.02
Quintec	Fungicide	fl oz	0.02
Sequoia	Insecticide & Miticide	fl oz	0.02
Temprano	Insecticide & Miticide	fl oz	0.02
Viticulture	Fungicide	fl oz	0.02
Zoro Miticide/Insecticide	Insecticide & Miticide	fl oz	0.02
ABBA Ultra	Insecticide & Miticide	fl oz	0.01
Abound	Fungicide	fl oz	0.01
Actinovate AG	Fungicide	oz	0.01

Trade Name	Type	Unit of Material	PEAS Impact Index per Unit
Alion	Herbicide	fl oz	0.01
Assail 30SG	Insecticide & Miticide	oz	0.01
Biomite	Insecticide & Miticide	qt	0.01
Carsoron 4G	Herbicide	lb	0.01
Chateau Herbicide SW	Herbicide	oz	0.01
Envidor 2SC	Insecticide & Miticide	fl oz	0.01
Esteem .86EC	Insecticide & Miticide	fl oz	0.01
Fracture	Fungicide	fl oz	0.01
Fusilade	Herbicide	fl oz	0.01
Heritage Fungicide	Fungicide	oz	0.01
Laguna	Fungicide	fl oz	0.01
Lifeline	Herbicide	fl oz	0.01
Luna Experience	Fungicide	fl oz	0.01
Matrix SG	Herbicide	oz	0.01
Mettle 125ME	Fungicide	fl oz	0.01
Mission	Herbicide	oz	0.01
Movento	Insecticide & Miticide	fl oz	0.01
Nealta	Insecticide & Miticide	fl oz	0.01
Nuprid 2F	Insecticide & Miticide	fl oz	0.01
Onager Miticide	Insecticide & Miticide	fl oz	0.01
ph-D WDG	Fungicide	oz	0.01
Platinum (chemigation)	Insecticide & Miticide	fl oz	0.01
Prev-Am	Fungicide	fl oz	0.01
Prev-Am	Insecticide & Miticide	fl oz	0.01
Pruvin	Herbicide	lb	0.01
Quadris Top	Fungicide	fl oz	0.01
Reckon	Herbicide	fl oz	0.01
Regalia	Fungicide	qt	0.01
Rely 280	Herbicide	fl oz	0.01
Rhyme	Fungicide	fl oz	0.01
Rubigan EC	Fungicide	fl oz	0.01
Scala SC	Fungicide	fl oz	0.01
Serenade	Fungicide	lb	0.01
Serenade ASO	Fungicide	gal	0.01
Shark EW	Herbicide	fl oz	0.01
Sivanto 200SL	Insecticide & Miticide	fl oz	0.01
Sonata	Fungicide	qt	0.01
Sovran	Fungicide	oz	0.01
Torino	Fungicide	fl oz	0.01
Tuscany	Herbicide	oz	0.01
Tuscany SC	Herbicide	fl oz	0.01
Venom 20 SG Insecticide	Insecticide & Miticide	fl oz	0.01
Venue	Herbicide	fl oz	0.01

<b>Trade Name</b>	<b>Type</b>	<b>Unit of Material</b>	<b>PEAS Impact Index per Unit</b>
Vintage SC	Fungicide	fl oz	0.01
Vivando	Fungicide	fl oz	0.01
Warfox	Herbicide	oz	0.01
Weedaxe Herbicide	Herbicide	qt	0.01
Zeus	Herbicide	fl oz	0.01

NOTE: For PEAS units that are less than 0.005 per unit of pesticide, 0.01 is used for the PEAS unit.