



## 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
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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 them 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 trade name (alphabetical)

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
Abacus V	Insecticide	fl oz	0.33
ABBA 0.15EC	Insecticide & Miticide	fl oz	0.26
ABBA Ultra	Insecticide & Miticide	fl oz	0.01
Abound	Fungicide	fl oz	0.01
Accord SP	Herbicide	pt	0.44
Acramite 50WS	Insecticide & Miticide	lb	0.82
Actara	Insecticide & Miticide	oz	0.36
Actinovate AG	Fungicide	oz	0.01
Acumen Herbicide	Herbicide	qt	0.42
Adament 50WG Fungicide	Fungicide	oz	0.12
Admire 2F	Insecticide & Miticide	pt	0.12
Admire Pro (fertigation)	Insecticide & Miticide	fl oz	0.62
Aframe (ground)	Fungicide	fl oz	0.06
Agri-Flex	Insecticide & Miticide	fl oz	0.25
Agri-Mek	Insecticide & Miticide	fl oz	0.21
Agri-Mek SC	Insecticide & Miticide	fl oz	0.08
Agrisolutions Cornerstone Herbicide	Herbicide	pt	0.44
Agrisolutions Dimate 4E	Insecticide & Miticide	pt	24.09
Agrisolutions Pendant 3.3EC Herbicide	Herbicide	qt	0.42
Agrisolutions Yuma 4E Insecticide	Insecticide & Miticide	pt	44.47
Alecto 41HL	Herbicide	pt	0.06
Alecto 41S	Herbicide	pt	0.06
Alias 2F	Insecticide & Miticide	pt	0.12
Alias 4F (fertigation)	Insecticide & Miticide	fl oz	0.62
Alias 4F (spray)	Insecticide & Miticide	fl oz	0.04
Alion	Herbicide	fl oz	0.01
Altacor	Insecticide & Miticide	oz	0.10
Apollo 42% Ovicide/Miticide	Insecticide & Miticide	fl oz	1.56
Applaud 70DF	Insecticide & Miticide	lb	0.65
Applaud 70WP	Insecticide & Miticide	lb	0.65
Applaud DF	Insecticide & Miticide	lb	0.12
Armcarb 100	Fungicide	lb	0.12

Trade Name	Type	Unit of Material	PEAS Impact Index per Unit
Assail 30SG	Insecticide & Miticide	oz	0.01
Assail 70WP	Insecticide & Miticide	oz	0.28
Auvant	Insecticide & Miticide	fl oz	0.09
Bac Stop Copper	Fungicide	lb	3.79
Badge SC	Insecticide & Miticide	pt	0.97
Badge X2 (ground)	Fungicide	lb	3.28
Bayleton 50% Dry Flowable Fungicide	Fungicide	oz	0.36
Baythroid XL	Insecticide & Miticide	fl oz	2.32
Belay	Insecticide & Miticide	fl oz	0.08
Belt	Insecticide & Miticide	fl oz	0.03
Benlate	Fungicide	lb	1.13
Ben-Sul Spray	Fungicide	lb	0.13
Bi-Carb Old Fashioned Fungicide	Fungicide	lb	0.10
Biobit	Insecticide & Miticide	lb	1.63
Biocover LS	Insecticide & Miticide	gal	8.82
Biomite	Insecticide & Miticide	qt	0.01
Botran 75WP	Fungicide	lb	0.36
Botran Dust	Fungicide	lb	0.05
Brigade 2EC	Insecticide & Miticide	fl oz	0.86
Brigade WSP	Insecticide & Miticide	oz	0.34
Britz 415 Supreme Spray Oil	Insecticide & Miticide	gal	9.14
Britz Magic Sulfur Dust	Fungicide	lb	0.15
Britz Supreme Spray Oil	Insecticide & Miticide	gal	9.00
BSP Lime sulfur solution	Fungicide	gal	6.94
Bt-Sulfur Dust	Fungicide	lb	0.02
Buccaneer	Herbicide	pt	0.44
Buccaneer Plus Glyphosate Herbicide	Herbicide	pt	0.44
Captan 50	Fungicide	lb	1.05
Captan 80WDG	Fungicide	lb	0.34
Captan 80-WP	Fungicide	lb	0.34
Captan Pro 50WP	Fungicide	lb	1.00
Carsoron 4G	Herbicide	lb	0.01
Cavalry Dusting Sulfur	Fungicide	lb	0.11
Cavalry Sprayable Sulfur	Fungicide	lb	0.11
Champ DP Dry Prill	Fungicide	lb	3.91
Champ Formula 2 Flowable	Fungicide	pt	3.71
Champ Formula II Dry Flowable	Fungicide	lb	3.91
Champ Wettable Powder	Fungicide	lb	5.11
Champion WG	Fungicide	lb	5.11
Chateau Herbicide SW	Herbicide	oz	0.01
Cheminova Dimethoate 4E	Insecticide & Miticide	pt	23.16
Chlorpyrifos 4E AG	Insecticide & Miticide	pt	43.34

Trade Name	Type	Unit of Material	PEAS Impact Index per Unit
Clean Crop Thiolux Dry Flowable - Micronized Wettable Sulfur	Fungicide	lb	0.13
Clean Crop COCS WDG or Wettable	Fungicide	lb	0.58
Clean Crop Dimethoate 400	Insecticide & Miticide	pt	23.16
Clean Crop Spray Oil	Insecticide & Miticide	gal	8.82
Clean Crop Supreme Oil	Insecticide & Miticide	gal	8.82
Clean Crop Trifluralin HF	Herbicide	pt	0.18
Clearout 41 Plus	Herbicide	pt	0.44
Clutch WDG	Insecticide & Miticide	oz	2.55
C-O-C-S WDG	Fungicide	lb	0.58
COCS Wettable	Fungicide	lb	0.58
Confirm 2F	Insecticide & Miticide	pt	0.03
Copper Sulphur Dust	Fungicide	lb	0.09
Cosavet DF	Fungicide	lb	0.13
Couraze Solupak	Insecticide & Miticide	oz	5.47
Cropsmart Glyphosate 41 Plus	Herbicide	pt	0.44
Crop-Sure Glyphosate Plus Herbicide	Herbicide	pt	0.44
Crymax Bioinsecticide	Insecticide & Miticide	lb	1.12
Cryolite 50 Dust	Insecticide & Miticide	lb	0.47
CSC 80% Thiosperse	Fungicide	lb	0.34
CSC Thioben 90	Fungicide	lb	0.14
CSC Wettable Sulfur	Fungicide	lb	0.14
Cuprofix Ultra 40 Dispers	Fungicide	lb	0.27
Cypress Green Lime-sulfur Solution	Fungicide	gal	6.94
Danitol 2.4EC	Insecticide & Miticide	fl oz	2.10
Delegate WG	Insecticide & Miticide	oz	0.21
Deliver	Insecticide & Miticide	lb	0.09
Devrinol 50DF	Herbicide	lb	3.02
Diazinon 4E	Insecticide & Miticide	pt	48.96
Diazinon 50W	Insecticide & Miticide	lb	51.26
Dibrom 8E	Insecticide & Miticide	pt	120.92
Dimethoate 25WP	Insecticide & Miticide	lb	11.33
Dimethoate 400	Insecticide & Miticide	pt	23.16
Dimethoate 4E	Insecticide & Miticide	pt	23.16
Dipel	Insecticide & Miticide	lb	1.51
Direx 4L	Herbicide	pt	0.21
Direx 80DF	Herbicide	lb	0.70
Ditera DF	Insecticide & Miticide	lb	1.80
Ditera DF	Nematicide & Soil Fumigant	lb	1.80
Ditera ES Biological Nematicide	Insecticide & Miticide	gal	0.07
Ditera ES Biological Nematicide	Nematicide & Soil Fumigant	gal	0.07
Dithane 75DF Rainshield	Fungicide	oz	0.02
Dithane DF	Fungicide	oz	0.02

Trade Name	Type	Unit of Material	PEAS Impact Index per Unit
Dithane F-45	Fungicide	pt	0.25
Dithane M-45	Fungicide	lb	0.58
Diuron 4L	Herbicide	pt	0.34
Diuron 80DF	Herbicide	lb	0.70
Diuron 80DF IVM	Herbicide	lb	0.39
Diuron WP	Herbicide	lb	0.31
Dormant Plus	Insecticide & Miticide	gal	8.82
Dormant Spray Oil 100	Insecticide & Miticide	gal	8.82
Drexel Captan 4L Fungicide	Fungicide	qt	0.45
Drexel Captan 50W	Fungicide	lb	1.02
Drexel Captan 80 EDF	Fungicide	lb	0.34
Drexel Captan 80 WDG	Fungicide	lb	0.34
Drexel Imitator Plus	Herbicide	pt	0.44
Drexel Suffa	Fungicide	pt	0.08
Drexel Sulfur 90W	Fungicide	lb	0.14
Dri-Clean	Herbicide	oz	0.02
Dupont Altacor	Insecticide & Miticide	oz	0.10
Dupont Karmex IWC Herbicide	Herbicide	lb	0.54
Dupont Mankocide	Fungicide	lb	3.17
Dupont Manzate Flowable Fungicide	Fungicide	pt	0.25
Dupont Manzate Pro-Stik Fungicide	Fungicide	lb	0.25
Eco-Mate Armicarb 0	Fungicide	lb	0.12
Elevate 50WDG	Fungicide	oz	0.03
Elite 45WP	Fungicide	oz	0.09
Entrust	Insecticide & Miticide	oz	3.51
Envirdor 2SC	Insecticide & Miticide	fl oz	0.01
Enzone	Insecticide & Miticide	gal	0.09
Enzone	Nematicide & Soil Fumigant	gal	0.09
Epi-Mek 0.15EC	Insecticide & Miticide	fl oz	0.02
Eraser	Insecticide & Miticide	pt	44.47
Esteem .86EC	Insecticide & Miticide	fl oz	0.01
Extra Credit 5 Systemic Herbicide	Herbicide	pt	0.21
Farm Saver Oryzalin 4AS	Herbicide	qt	0.16
Farmsaver.com Glyphosate 4	Herbicide	pt	0.16
Farmsaver.com Oxiflo 2EC	Herbicide	pt	0.08
Firestorm	Herbicide	pt	1.25
Flint	Fungicide	oz	0.10
Forfeit 280	Herbicide	fl oz	0.07
Fracture	Fungicide	fl oz	0.01
Fugitive	Herbicide	qt	5.02
Fujimite 5EC	Insecticide & Miticide	pt	0.77
Furidan 15G	Insecticide & Miticide	lb	5.58
Furidan 15G	Nematicide & Soil Fumigant	lb	5.58

Trade Name	Type	Unit of Material	PEAS Impact Index per Unit
Fusilade	Herbicide	fl oz	0.01
Galigan 2E	Herbicide	pt	0.04
Galigan Slapshot	Herbicide	pt	0.02
Glufosinate 280SL (dormant)	Herbicide	fl oz	0.07
Glufosinate 280SL (in-season)	Herbicide	fl oz	0.30
Gly Star 5 Extra	Herbicide	pt	0.59
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
Glyphos Custom Herbicide	Herbicide	pt	0.59
Glyphomax	Herbicide	pt	0.44
Glyphomax Plus	Herbicide	pt	0.44
Glyphos II Herbicide	Herbicide	pt	0.44
Glyphosate Original	Herbicide	pt	0.42
Glypro Plus	Herbicide	pt	0.44
Glystar Plus	Herbicide	pt	0.44
Glysupreme Plus	Herbicide	pt	0.44
Goal 1.6E	Herbicide	pt	0.05
Goal 2XL	Herbicide	pt	0.08
Goal T/O	Herbicide	pt	0.05
Goaltender	Herbicide	pt	0.04
Govern 4E Insecticide	Insecticide & Miticide	pt	43.34
Gowan Trifluralin 4	Herbicide	pt	0.16
Gramoxone Inteon	Herbicide	pt	0.55
Gramoxone Max	Herbicide	pt	3.43
Gramoxone SL	Herbicide	pt	0.55
Gramoxone SL 2.0	Herbicide	pt	0.55
Grandevo	Insecticide & Miticide	lb	0.04
Green Cypress Lime-Sulfur Solution	Fungicide	gal	6.94
Helena Pendimethalin	Herbicide	qt	0.42
Heritage Fungicide	Fungicide	oz	0.01
Honcho	Herbicide	pt	0.16
Honcho Plus	Herbicide	pt	0.16
Hoss Ultra	Herbicide	pt	0.06
IAP Pro C.O.C.	Fungicide	gal	0.47
Imida E-AG 2F Insecticide	Insecticide & Miticide	pt	0.12
Imidan 70W	Insecticide & Miticide	lb	55.97
Inspire Super	Fungicide	fl oz	0.03
Integro Magnetic Sulfur Dust	Fungicide	lb	0.15
Integro Wettable Sulfur 97	Fungicide	lb	0.16
Intrepid 2F	Insecticide & Miticide	fl oz	0.19
Iprodione 4L AG	Fungicide	pt	3.54

Trade Name	Type	Unit of Material	PEAS Impact Index per Unit
Javeline	Insecticide & Miticide	lb	2.38
Jet-Ag	Fungicide & Bactericide	fl oz	0.26
JMS Stylet Oil	Insecticide & Miticide	gal	0.04
Kaligreen	Fungicide	lb	0.10
Karmex DF	Herbicide	lb	0.54
Karmex XP	Herbicide	lb	0.54
Kelthane 50WSP	Insecticide & Miticide	lb	41.64
Kelthane MF	Insecticide & Miticide	pt	41.81
Kerb 50 WP	Herbicide	lb	0.03
Kerb 50-W	Herbicide	lb	0.03
Kocide 2000	Fungicide	lb	3.57
Kocide 3000	Fungicide	lb	2.94
Kolospray Fungicide	Fungicide	lb	0.11
Kolospray Fungicide Insecticide	Fungicide	lb	0.11
Kolospray Sulfur	Fungicide	lb	0.13
Kop-Hydroxide 50W	Fungicide	lb	5.11
Kryocide	Insecticide & Miticide	lb	0.56
Kumulus DF	Fungicide	lb	0.13
Laguna	Fungicide	fl oz	0.01
Lannate LV	Insecticide & Miticide	pt	10.25
Lannate SP	Insecticide & Miticide	lb	29.84
Legion Insecticide	Insecticide & Miticide	pt	120.92
Leverage 2.7 EC	Insecticide & Miticide	fl oz	0.78
Lifeline	Herbicide	fl oz	0.01
Liquid Sulfur Six	Fungicide	pt	0.11
Lorsban 4E	Insecticide & Miticide	pt	44.47
Lorsban 4E-HF	Insecticide & Miticide	pt	43.25
Lorsban 75WG	Insecticide & Miticide	lb	50.40
Luna Experience	Fungicide	fl oz	0.01
Macho 2.0	Insecticide & Miticide	fl oz	0.22
Macho 4.0	Insecticide & Miticide	fl oz	0.43
Mad Dog Plus	Herbicide	pt	0.06
Makaze	Herbicide	pt	0.44
Malathion 5	Insecticide & Miticide	pt	33.75
Malathion 8	Insecticide & Miticide	pt	53.86
Maneb 75DF	Fungicide	lb	0.50
Maneb 80W	Fungicide	lb	0.58
Mankocide Fungicide/Bactericide	Fungicide	lb	3.17
Manzate 75DF Fungicide	Fungicide	oz	0.02
Manzate Flowable	Fungicide	pt	0.25
Matrix SG	Herbicide	oz	0.01
Met 52 EC	Insecticide & Miticide	qt	0.03
Mettle 125ME	Fungicide	fl oz	0.01



Trade Name	Type	Unit of Material	PEAS Impact Index per Unit
Micro Flo Captec 4L	Fungicide	pt	0.24
Microsulf	Fungicide	lb	0.13
Microthiol Disperss	Fungicide	lb	0.12
Microthiol Special	Fungicide	lb	0.13
Microthiol Special 80	Fungicide	lb	0.13
MilStop	Fungicide	lb	0.12
Mirage	Herbicide	pt	0.44
Mirage Plus	Herbicide	pt	0.44
Mission	Herbicide	oz	0.01
Montana 4F	Insecticide & Miticide	fl oz	0.43
Movento	Insecticide & Miticide	fl oz	0.01
M-Pede	Insecticide & Miticide	pt	0.09
Nealta	Insecticide & Miticide	fl oz	0.01
Neemix 4.5	Insecticide & Miticide	pt	0.08
Nexter	Insecticide & Miticide	oz	8.38
Nordox	Fungicide	lb	1.88
Nordox 75 WG	Fungicide	lb	2.82
Nu-Cop 3L	Fungicide	pt	2.18
Nu-Cop 50DF	Fungicide	lb	5.22
Nufarm Abamectin	Insecticide & Miticide	fl oz	0.03
Nufarm Credit Systemic Extra	Herbicide	pt	0.44
Nufarm Credit Systemic Herbicide	Herbicide	pt	0.44
Nufarm Debit TMF Herbicide	Herbicide	pt	0.42
Nufos 4E	Insecticide & Miticide	pt	43.34
Nuprid 1.6F	Insecticide & Miticide	fl oz	0.23
Nuprid 2F	Insecticide & Miticide	fl oz	0.01
Nuprid 4.6F Pro	Insecticide & Miticide	fl oz	0.05
Nuprid 4F Max	Insecticide & Miticide	fl oz	0.43
Omite 30W	Insecticide & Miticide	lb	0.45
Omni Oil	Insecticide & Miticide	gal	8.82
Omni Supreme Spray	Insecticide & Miticide	gal	8.82
Onager Miticide	Insecticide & Miticide	fl oz	0.01
Oryzalin 4 A.S. (FarmSaver.com)	Herbicide	pt	0.08
Paraquat Concentrate	Insecticide & Miticide	pt	6.21
Parazone 3SL	Herbicide	pt	3.43
Parrot 4L	Herbicide	qt	0.81
Parrot DF	Herbicide	lb	0.82
Pasada 1.6F	Insecticide & Miticide	fl oz	0.35
Pasada 75WSB	Insecticide & Miticide	oz	5.47
Penncozeb 4FL	Fungicide	pt	0.25
Penncozeb 80WP	Fungicide	lb	0.58
Penncozeb 75DF	Fungicide	oz	0.02
ph-D WDG	Fungicide	oz	0.01

Trade Name	Type	Unit of Material	PEAS Impact Index per Unit
Platinum (chemigation)	Insecticide & Miticide	fl oz	0.01
Platinum (foliar treatment)	Insecticide & Miticide	fl oz	0.36
Platinum 75 SG (foliar treatment)	Insecticide & Miticide	fl oz	1.07
Platinum 75 SG (chemigation)	Insecticide & Miticide	fl oz	0.02
Poast	Herbicide	pt	0.04
Predict Herbicide	Herbicide	lb	0.39
Prev-Am	Fungicide	fl oz	0.01
Prev-Am	Insecticide & Miticide	fl oz	0.01
Princep 4L	Herbicide	pt	0.08
Princep Caliber 90	Herbicide	lb	0.12
Princep Liquid	Herbicide	pt	0.08
Pristine	Fungicide	oz	0.02
Procure 480SC	Fungicide	fl oz	0.02
Procure 50WS	Fungicide	oz	0.03
Prokil Cryolite 96	Insecticide & Miticide	lb	0.56
Prokoz Glyphosate Pro	Herbicide	pt	0.44
Prokoz Glyphosate Pro 4 Herbicide	Herbicide	pt	0.44
Promax	Fungicide	gal	0.02
Promax	Nematicide & Soil Fumigant	gal	0.02
Pronatural Micronized Sulfur	Fungicide	lb	0.14
Proud 3	Fungicide	gal	0.05
Proud 3	Insecticide & Miticide	gal	0.05
Provado 1.6F	Insecticide & Miticide	fl oz	1.17
Provado Solupak 75% WP	Insecticide & Miticide	oz	5.47
Prowl 3.3 EC	Herbicide	qt	0.42
Prowl H2O	Herbicide	pt	0.18
Pruvin	Herbicide	lb	0.01
Purespray Foliar 15	Insecticide & Miticide	gal	8.82
Purespray Green	Fungicide	gal	0.48
Purespray Green	Insecticide & Miticide	gal	0.48
Purespray Spray Oil 10E	Insecticide & Miticide	gal	8.82
Pyganic Crop Protection EC 1.4	Insecticide & Miticide	pt	0.38
Pyganic Crop Protection EC 5.0	Insecticide & Miticide	pt	1.39
Pyrenone Crop Spray	Insecticide & Miticide	pt	1.69
Quadris Top	Fungicide	fl oz	0.01
Quali-Pro Glyphosate T&O	Herbicide	pt	0.44
Quintec	Fungicide	fl oz	0.02
Rally 40W	Fungicide	oz	0.08
Reaper 0.15 EC	Insecticide & Miticide	fl oz	0.05
Reckon	Herbicide	fl oz	0.01
Regalia	Fungicide	qt	0.01
Rely 280	Herbicide	fl oz	0.01
Renounce	Insecticide & Miticide	oz	3.82

Trade Name	Type	Unit of Material	PEAS Impact Index per Unit
Requiem 25EC	Insecticide & Miticide	qt	0.25
Res Lime Sulfur Solution	Fungicide	gal	6.47
RH-3866 40 WP Formulation Product	Fungicide	oz	0.08
Rhyme	Fungicide	fl oz	0.01
Roundup Original	Herbicide	pt	0.06
Roundup Powermax	Herbicide	pt	0.42
RoundUp Ultra Dry	Herbicide	lb	0.23
Roundup Ultramax	Herbicide	pt	0.38
Roundup Weathermax Herbicide	Herbicide	pt	0.42
Roundup XL Herbicide	Herbicide	pt	0.42
Rovral Brand 4 Flowable	Fungicide	pt	3.54
Rovral Fungicide	Fungicide	lb	2.73
Rubigan EC	Fungicide	fl oz	0.01
Safecide Brand M-Pede	Insecticide & Miticide	pt	0.09
Safer Brand Insecticide Soap	Insecticide & Miticide	pt	0.09
Savage	Herbicide	lb	0.30
Scala SC	Fungicide	fl oz	0.01
Scorpion 35 SL (foliar)	Insecticide & Miticide	fl oz	0.24
Scorpion 35 SL (soil app.)	Insecticide & Miticide	fl oz	0.51
Scythe	Herbicide	qt	0.06
Sequoia	Insecticide & Miticide	fl oz	0.02
Serenade	Fungicide	lb	0.01
Serenade ASO	Fungicide	gal	0.01
Sevin Brand 80S Carbaryl	Insecticide & Miticide	lb	8.81
Sevin XLR	Insecticide & Miticide	qt	8.78
Shark EW	Herbicide	fl oz	0.01
Simazine 4L	Herbicide	pt	0.08
Simazine 90 DF	Herbicide	lb	0.13
Sim-Trol 4L	Herbicide	qt	0.09
Sivanto 200SL	Insecticide & Miticide	fl oz	0.01
Solera Abamectin	Insecticide & Miticide	fl oz	0.03
Solicam DF	Herbicide	lb	0.39
Sonata	Fungicide	qt	0.01
Sonoma 40 (dormant)	Fungicide	oz	0.04
Sonoma 40 (in-season)	Fungicide	oz	0.05
Sovran	Fungicide	oz	0.01
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
Stealth Herbicide	Herbicide	qt	0.42

Trade Name	Type	Unit of Material	PEAS Impact Index per Unit
Success	Insecticide & Miticide	fl oz	1.67
Sulforix	Fungicide	fl oz	0.04
Sulfur DF	Fungicide	lb	0.13
Sulfur dust	Fungicide	lb	0.15
Sulfur W.G.	Fungicide	lb	0.13
Sul-Preme 52 Flowable Sulfur	Fungicide	pt	0.08
Sunbelt Microfine Sulfur	Fungicide	lb	0.14
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
Super-sul Micronized Wettable Sulfur	Fungicide	lb	0.13
Supreme Oil	Insecticide & Miticide	gal	8.82
Surface	Herbicide	pt	0.06
Surflan AS	Herbicide	pt	0.06
Surflan AS Speciality Herbicide	Herbicide	pt	0.06
Surflan Dry Flowable Herbicide	Herbicide	lb	0.09
Surround	Insecticide & Miticide	lb	0.09
Switch 62.5 WG	Fungicide	oz	0.07
Tebuconazole 45DF	Fungicide	oz	0.03
Tebustar 45WSP	Fungicide	oz	0.09
Telone C-15	Insecticide & Miticide	gal	1.30
Telone C-15	Nematicide & Soil Fumigant	gal	1.30
Telone C-35	Insecticide & Miticide	gal	4.68
Telone C-35	Nematicide & Soil Fumigant	gal	4.68
Temprano	Insecticide & Miticide	fl oz	0.02
Tenkoz Trifluralin 4EC	Herbicide	pt	0.18
THAT flowable sulfur	Fungicide	pt	0.12
Thiolux	Fungicide	lb	0.14
Thiolux Dry Flowable Micronized Sulfur	Fungicide	lb	0.13
Thiolux Jet	Fungicide	lb	0.13
Thiosperse	Fungicide	lb	0.34
Tombstone	Insecticide & Miticide	fl oz	9.37
Topsin M 70 WP	Fungicide	lb	0.08
Torino	Fungicide	fl oz	0.01
Touchdown Herbicide	Herbicide	pt	0.12
Touchdown HiTech	Herbicide	qt	0.41
Touchdown Total	Herbicide	qt	0.34
Tourismo	Insecticide & Miticide	fl oz	0.03
Trailblazer Maxx	Herbicide	pt	0.42
Treflan 4L Herbicide	Herbicide	pt	0.18
Treflan HFP	Herbicide	pt	0.18
Treflan M.T.F. Herbicide	Herbicide	pt	0.16
Trellis	Herbicide	lb	0.04

Trade Name	Type	Unit of Material	PEAS Impact Index per Unit
Trellis SC	Herbicide	fl oz	0.10
Triap 4HF	Herbicide	pt	0.18
Trifluralin HF	Herbicide	pt	0.18
Triflurex HFP	Herbicide	qt	0.35
Trilin	Herbicide	pt	0.17
Trilin Herbicide	Herbicide	pt	0.17
Trilogy	Fungicide	gal	0.91
Tuscany	Herbicide	oz	0.01
Tuscany SC	Herbicide	fl oz	0.01
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
Vangard WG	Fungicide	oz	0.25
Vapam HL	Insecticide & Miticide	gal	0.73
Vapam HL	Nematicide & Soil Fumigant	gal	0.73
Vegetation Manager Diuron 80DF	Herbicide	lb	0.70
Vegetation Manager Glyphosate	Herbicide	pt	0.44
Vegetation Manager Oryzalin 4 Pro	Herbicide	pt	0.08
Vendex WP	Insecticide & Miticide	lb	0.98
Venom 20 SG Insecticide	Insecticide & Miticide	fl oz	0.01
Venom Insecticide	Insecticide & Miticide	oz	4.21
Venue	Herbicide	fl oz	0.01
Vintage SC	Fungicide	fl oz	0.01
Visor 2E	Herbicide	pt	0.19
Viticulture	Fungicide	fl oz	0.02
Vivando	Fungicide	fl oz	0.01
Volk Clear	Insecticide & Miticide	gal	8.82
Volk Supreme Spray	Insecticide & Miticide	gal	8.82
Warfox	Herbicide	oz	0.01
Warhawk	Insecticide & Miticide	pt	43.34
Weedaxe Herbicide	Herbicide	qt	0.01
Wettable Sulfur	Fungicide	lb	0.14
Wettable Sulfur 92	Fungicide	lb	0.14
Wettable Sulfur 97	Fungicide	lb	0.16
Wettable Sulfur Fungicide-Insecticide	Fungicide	lb	0.14
Whirlwind	Insecticide & Miticide	pt	44.47
Wilbur-Ellis Ben-Sul 85	Fungicide	lb	0.12
Wilbur-Ellis Spray Sulfur	Fungicide	lb	0.15
Wise Up Plus Glyphosate Herbicide	Herbicide	pt	0.44
Wrangler (foliar)	Insecticide	fl oz	0.39
Wrangler (soil)	Insecticide	fl oz	3.35
Yellow Jacket Special Dusting Sulfur	Fungicide	lb	0.15
Yellow Jacket Wettable Dusting Sulfur II	Fungicide	lb	0.14

<b>Trade Name</b>	<b>Type</b>	<b>Unit of Material</b>	<b>PEAS Impact Index per Unit</b>
Zeal	Insecticide & Miticide	oz	0.33
Zeus	Herbicide	fl oz	0.01
Ziram 76DF	Fungicide	lb	5.72
Ziram Granuflo	Fungicide	lb	5.72
Zoro Miticide/Insecticide	Insecticide & Miticide	fl oz	0.02

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