

**Agricultural Commodity List - Type 19**  
Format/Edits

**2002 Agricultural Commodities for AGR Program**

**As of: 12/00**

<u>COMMODITY</u>		<u>COMMODITY</u>	
<u>CROP NAME</u>	<u>CROP CODE</u>	<u>CROP NAME</u>	<u>CROP CODE</u>
Alfalfa		Carambola Fruit	0103
Irrigated	0850	Carrots	0624
Nonirrigated	0851	Fresh Market	0867
Apples	0054	Processing	0868
Fresh Market	0853	Cauliflower	0621
Processing	0854	Celeriac	0869
Apricots	0098	Celery	0658
Artichokes	0855		
Asparagus	0607	Cherries	
Aquaculture	0300	Tart	0100
Aquatic Plants	0656	Sweet	0099
Barley	0091	Chestnuts	0681
Irrigated	0856	Chinese Vegetables	0870
Nonirrigated	0857	Christmas Trees	0635
Basil	0858	Cilantro	0871
Beets	0616	Citrus	0026
Bentgrass		Grapefruit	0201
Colonial	0859	Lemons	0202
Creeping	0860	Limes	0663
Berries (Other)	0601	Oranges	0227
Blackberries	0302	Tangelos	0203
Evergreen	0861	Tangerines	0664
Marion	0862	Clover	
Blueberries	0012	Annuals	0873
Boysenberries	0863	Perennials	0874
Gooseberries	0889	Red	0875
Loganberries	0907	White & Ladino	0951
Raspberries	0679	Corn	0041
Black	0933	Silage	0876
Red	0934	Cotton	0021
Strawberries	0110	Crambe	0068
Broccoli	0620	Cranberries	0058
Rabe	0864	Cucumbers	0603
Brussel Sprouts	0657	Fresh Market	0877
Buckwheat	0865	Pickeling	0878
Cabbage	0072	Processing	0957
Chinese	0682	Dry Beans	0047
Fresh Market	0960	Dry Peas	0067
Napa	0910	Eggplant	0613
Processing	0961	Endive	0883
Canola	0015	Escarole	0649
Rapeseed	0647		

**Agricultural Commodity List - Type 19**  
Format/Edits

Fescue			
Fine	0885	<b><u>COMMODITY</u></b>	
Tall	0886	<b><u>CROP NAME</u></b>	<b><u>CROP CODE</u></b>
Flax	0031	Forage Production	0033
Flowers (Other)	0615	Alfalfa	0648
Bedding Plants	0630	Clover	0668
Bulbs	0887	Mixed Hay	0670
Cut Flowers	0683	Garlic	0301
Dried	0880	Grain Sorghum	0051
Potted	0931	Grapes	0053
		Hybrid	0890
		Juice	0891
		Lumbruska	0894
		Vinifera	0892
		Wine	0893
		Green Peas	0064
		Fresh Market	0897
		Greenhouse	0600
		Greens (Other)	0631
		Collard Greens	0622
		Greens	0898
		Kale	0614
		Swiss Chard	0653
		Turnip Greens	0632
		Hay (Other)	0611
		Grass (Irrigated)	0895
		Grass (Nonirrigated)	0896
		Silage	0899
		Haselnuts	0900
		Herbs	0639
		Hops	0673
		Horseradish	0661
		Indian Corn	0651
		Italian Parsley	0902
		Kentucky Bluegrass	0904
		Kohlrabi	0636
		Leeks	0638
		Lettuce	0604
		Lima Beans	0906
		Maple Syrup	0645
		Meadowfoam	0908
		Melons (All Others)	0101
		Cantaloupe	0612
		Casaba	0680
		Crenshaw	0692
		Honeydew	0642
		Mini Pumpkins	0617
		Pumpkins	0605

**Agricultural Commodity List - Type 19**  
Format/Edits

Millet	0017	Processing Beans	0046
Mint		Prunes	0036
Peppermint	0700	Radishes	0625
Spearmint	0701	Rhubarb	0650
Mixed Vegetables	0956	Rye	0094
Mushrooms	0654	Ryegrass	
Mustard	0069	Annual	0935
<b><u>COMMODITY</u></b>		Perennial	0936
<b><u>CROP NAME</u></b>	<b><u>CROP CODE</u></b>	Safflower	0049
Nursery (FG & C)	0073	Scallions	0637
Oats	0016		
Irrigated	0914		
Nonirrigated	0915		
Okra	0629		
Onions	0013		
Bulb	0918		
Fall	0916		
Green	0919		
Shallot	0920		
Spring	0917		
Orchard Grass	0921		
Other			
Fruits	0608		
Vegetables	0646		
Crops	0609		
Parsnips	0643		
Parsley	0641		
Peaches	0034		
Fresh Market	0923		
Processing	0924		
Nectarines	0102		
Peanuts	0075		
Pears	0089		
Asian	0303		
Pecans	0020		
Peppers (Other)	0627		
Bell Peppers	0104		
Chile Peppers	0045		
Cubanelle	0927		
Hot Peppers	0610		
Irrigated	0925		
Nonirrigated	0926		
Jalapeno Peppers	0662		
Plums	0092		
Popcorn	0043		
Potatoes	0084		
Fresh Market	0929		
Processing	0930		

**Agricultural Commodity List - Type 19**  
Format/Edits

<u>COMMODITY</u>			
<u>CROP NAME</u>	<u>CROP CODE</u>		
Seed (Other)	0626	Processing	0954
Alfalfa Seed	0107	Straw	0940
Canola Seed	0866	Sudan Sorghum Grass	0941
Carrot Seed	0634	Sugar Beets	0039
Cilantro Seed	0872	Sunflowers	0078
Clover Seed	0655		
Crown Vetch Seed	0305	<u>COMMODITY</u>	
Dill Seed	0879	<u>CROP NAME</u>	<u>CROP CODE</u>
Dry Bean Seed	0881	Sweet Corn	
Dry Pea Seed	0884	(Processing)	0042
Endive Seed	0884	Sweet Corn	
Flax Seed	0684	(Fresh Market)	0044
Flower	0602	Sweetpotatoes	0085
Garlic Seed (Cloves)	0888	Table Grapes	0052
Grass Seed	0660	Timothy Grass	0945
Hybrid Corn Seed	0062	Tobacco	0071
Hybrid Sorghum Seed	0050	Burley	0231
Kale Seed	0903	Cigar Wrapper	0236
Kohlrabi Seed	0905	Flue Cured	0229
Lettuce Seed	0665	Maryland	0232
Melon Seed	0909	Tomatoes	
Mustard Seed	0674	(Fresh Market)	0086
Onion Seed	0671	Processing	0087
Parsley Seed	0922	Staked	0946
Popcorn Seed	0685	Turf	0690
Pumpkin Seed	0932	Turnips	0619
Radish Seed	0686	Rutabaga	0687
Sesame Seed	0644	Walnuts	0029
Squash Seed	0939	Watermelons	0618
Sugar Beet Seed	0942	Wheat	0011
Sunflowers Seed	0955	Irrigated	0948
Sweet Corn Seed	0688	Nonirrigated	0949
Teff Seed	0689	Seed	0947
Turnip Seed	0691	Spring Summerfallow	0950
Vegetable	0667	Wild Rice	0952
Snap Beans (Fresh)	0082	Winter Squash	0065
Snap Peas	0938		
Soybeans	0081		
Spinach	0623		
Squash (Other)	0669		
Gourds	0652		
Summer	0014		
Fresh Market	0943		
Processing	0954		
Zucchini	0640		
Fresh Market	0953		

**Agricultural Commodity List - Type 19**  
Format/Edits

<u>COMMODITY</u>		<u>COMMODITY</u>	
<u>ANIMALS</u>	<u>CODE</u>	<u>ANIMAL PRODUCTS</u>	<u>CODE</u>
Beef Cattle			
Cow-calf	0800	Cheese	0840
Stocker/Feeder	0801	Dairy	0847
Feedlot	0802	Eggs	0841
Replacement Heifer	0813	Furs	0842
		Honey	0843
Hogs/Pigs	0815	Milk	0844
Farrow	0803	Other	0845
Farrow/Finish	0804	Wool	0846
Finish	0805		
Sheep/Lambs	0816		
Ewe/Lamb	0806		
Stocker/Feeder	0807		
Feedlot	0808		
Goats	0809		
Mink	0824		
Other Traditional			
Farm Animals	0810		
Fish/Aquaculture	0820		
Game Birds	0304		
Poultry	0821		
Broilers	0962		
Reptiles	0822		
Other Live Animals	0823		

**Note:**

Commodity codes are assigned by region. If a specific crop is not listed on the ADM record type 9 for a selected state/county or in the calculator use 'Other' codes assigned for that region.

**LIABILITY CALCULATION**

<b>\$81,098</b>		<b>\$144,175</b>		<b>.7500</b>		<b>.7500</b>		
AGR		Liability	=	Approved AGR	*	Coverage Level	*	Payment Rate
(Field 49)		(Field 47)		(Field 16)		(Field 17)		

**PREMIUM LIABILITY CALCULATION**

Max MPCl	=	AGR Liability	*	0.50
(Internal)		(Field 49)		

<b>\$81,098</b>		<b>\$81,098</b>					
Premium Liability	=	AGR Liability	-	Lesser of:	( MPCl Liability	or	Max MPCl)
(Internal)		(Field 49)			(Field 48)		(Internal)

**AGR RATE CALCULATION**

$$\begin{array}{rclcl} \mathbf{.209} & & \mathbf{\$34,100} & & \mathbf{\$163,360} \\ \% \text{ of Revenue} & = & \text{Commodity} & \div & \text{Total Income} \\ (2.3) & & \text{Revenue} & & \end{array}$$

$$\begin{array}{rclcl} \mathbf{.015} & & \mathbf{.070} & & \mathbf{.209} \\ \text{Weighted Comodity} & = & \text{Commodity Rate} & * & \% \text{ of Revenue} \\ \text{Rate (2.3)} & & & & \end{array}$$

$$\begin{array}{rclcl} \mathbf{.147} & & \mathbf{.015 + .046 + .070 + .016} & & \\ \text{Total Weighted} & = & \text{Sum of Weighted} & & \\ \text{Farm Rate (2.3)} & & \text{Comodity Rate} & & \\ \text{(Field 50)} & & & & \end{array}$$

$$\begin{array}{rclcl} \mathbf{.250} & & \mathbf{1.00} & & \mathbf{4} \\ \text{Commodity Factor} & = & 1.00 & \div & \text{Number of Commodities} \end{array}$$

$$\begin{array}{rclcl} \mathbf{.041} & & \mathbf{.209} & & \mathbf{.250} \\ \text{Commodity Deviation} & = & \% \text{ of Revenue} - & & \text{Commodity Factor} \\ \text{“Absolute Value”} & & & & \end{array}$$

$$\begin{array}{rclcl} \mathbf{.410} & & \mathbf{.041 + .022 + .205 + .142} & & \\ \text{Sum of Commodity} & = & \text{Sum all Commodity Deviations} & & \\ \text{Deviation Factor} & & & & \end{array}$$

$$\begin{array}{rclcl} \mathbf{.521} & & \mathbf{.410} & & \\ \text{Diversity Factor} = & .474 + & ((.0248208 * (\text{Sum of Commodity Deviation})) + & & \\ \text{(Field 51)} & & & & \end{array}$$

$$\begin{array}{rclcl} \mathbf{.410} & & \mathbf{.410} & & \\ & = & (.218472 * ((\text{Sum of Commodity Deviation}) * (\text{Sum of Commodity Deviation}))) & & \end{array}$$

**DIVERSIFICATION FACTOR FORMULAS:**

**CASES**

**FORMULA**

1 Commodity

DF=1.000

2 Commodity

DF=.668 + .0179999 (DEV) + .3142858 (DEV) (DEV)

3 Commodity

DF=.523 + .0607623 (DEV) + .3142858 (DEV) (DEV)

4 Commodity

DF=.474 + .0248208 (DEV) + .218472 (DEV) (DEV)

5 Commodity

DF=.437 + .0710358 (DEV) + .1760129 (DEV) (DEV)

6 Commodity

DF=.412 + .0325131 (DEV) + .1945816 (DEV) (DEV)

7 or More Commodities

DF= .410

$$\begin{array}{rcl}
 \mathbf{.077} & & \mathbf{.521} & & \mathbf{.147} \\
 \text{AGR Rate} & = & \text{Diversity Factor} & * & \text{Total Weighted Farm Rate} \\
 \text{(Field 52)} & & \text{(Field 51)} & & \text{(Field 50)}
 \end{array}$$



**TOTAL PREMIUM CALCULATION**

<b>\$6245</b>	<b>\$81098</b>	<b>.077</b>
Total Premium =	Premium Liability *	AGR Rate
(Field 53)		(Field 52)

**PRODUCER PREMIUM CALCULATION**

Subsidy	=	Total Premium	*	Subsidy Factor
(Field 56)		(Field 53)		
(Note 7)		(Note 7)		(Note 8)

Preliminary Producer Premium	=	Total Premium	-	Subsidy
(Internal)		(Field 53)		(Field 56)
(Note 7)		(Note 7)		(Note 7)

Additional Subsidy	=	Preliminary Producer Premium	*	Cost-Share Factor
(Field 58)		(Internal)		(ADM 9 field 'Cost-Share')
(Note 7)		(Note 7)		(X.XXX)

Producer Premium	=	Preliminary Producer Premium	-	Additional Subsidy
(Field 54)		(Internal)		(Field 58)
(Note 7)		(Note 7)		(Note 7)