

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

**1999 Agricultural Commodities for AGR Program**

**As of: 10/98**

<u>CROP NAME</u>	<u>CROP CODE</u>	<u>CROP NAME</u>	<u>CROP CODE</u>
Apples	0054	Forage Seeding	0032
Apricots	0218	Alfalfa Seed	0633
Asparagus	0607	Clover Seed	0655
Aquatic Plants	0656	Grass Seed	0660
Barley	0091	Flue Cured	
Beets	0616	Tobacco	0229
Berries (Other)	0601	Grain Sorghum	0051
Blueberries	0012	Grapes	0053
Strawberries	0628	Green Peas	0064
Broccoli	0620	Greenhouse	0600
Brussel Sprouts	0657	Greens (Other)	0631
Cabbage	0070	Collard Greens	0622
Canola	0015	Kale	0614
Rapeseed	0647	Swiss Chard	0653
Carambola Fruit	0213	Turnip Greens	0632
Carrots	0624	Hay (Other)	0611
Cauliflower	0621	Herbs	0639
Celery	0658	Horseradish	0661
Cherries		Indian Corn	0651
Tart	0057	Kohlrabi	0636
Sweet	0634	Leeks	0638
Christmas Trees	0635	Lettuce	0604
Cigar Wrapper		Mango Trees	0214
Tobacco	0236	Maple	0645
Citrus	0026	Maple Syrup	0648
Grapefruit	0201	Melons (All Others)	0101
Lemons	0202	Cantaloupe	0612
Limes	0663	Honeydew	0642
Oranges	0227	Mini Pumpkins	0617
Tangelos	0203	Pumpkins	0605
Tangerines	0664	Millet	0017
Corn	0041	Mushrooms	0654
Cotton	0021	Mustard	0069
Crambe	0068	Nursery (Container)	0056
Cranberries	0058	Nursery (FG & C)	0073
Cucumbers	0603	Oats	0016
Dates	0659	Okra	0629
Dry Beans	0047	Onions	0013
Dry Peas	0067	Other	
Eggplant	0613	Fruits	0608
Escarole	0649	Vegetables	0646
Flax	0031	Crops	0609
Flowers (Other)	0615	Parsnips	0643
Bedding Plants	0630	Parsley	0641
Forage Production	0033	Peaches	0034
Alfalfa	0648	Nectarines	0102
Clover	0668	Peanuts	0075
Mixed Hay	0670	Pears	0089

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<u>CROP NAME</u>	<u>CROP CODE</u>	<u>ANIMALS</u>	<u>CODE</u>
Pecans	0020	Beef Cattle	
Peppers	0083	Cow-calf	0800
Bell	0104	Stocker/Feeder	0801
Peppers, Chile	0045	Feedlot	0802
Peppers, Hot	0610		
Peppers, Jalapeno	0662	Hogs	
Peppers (Other)	0627	Farrow	0803
Plums	0092	Farrow/Finish	0804
Popcorn	0043	Finish	0805
Potatoes	0084		
Processing Beans	0046	Sheep	
Radishes	0625	Ewe/Lamb	0806
Rhubarb	0650	Stocker/Feeder	0807
Rye	0094	Feedlot	0808
Safflower	0049		
Scallions	0637	Goats	0809
Seed (Other)	0626		
Flower	0602	Other Traditional	
Hybrid Corn Seed	0062	Farm Animals	0810
Hybrid Sorghum Seed	0050		
Sesame	0644	Fish/Aquaculture	0820
Vegetable	0667	Poultry	0821
Snap Beans (Fresh)	0082	Reptiles	0822
Soybeans	0081	Other Live Animals	0823
Spinach	0623		
Squash (Other)	0669	<u>ANIMAL PRODUCTS</u>	
Gourds	0652	Cheese	0840
Squash, Summer	0014	Eggs	0841
Zucchini	0640	Furs	0842
Sugar Beets	0039	Honey	0843
Sunflowers	0078	Milk	0844
Sweet Corn	0042	Other	0845
Sweetpotatoes	0085	Wool	0846
Table Grapes	0052		
Tomatoes	0087		
Turnips	0619		
Watermelons	0040		
Wheat	0011		
Wild Rice	0055		
Winter Squash	0065		

**LIABILITY CALCULATION**

<b>\$81,098</b>		<b>\$144,175</b>		<b>.75</b>		<b>.75</b>
AGR						
Liability	=	Approved AGR	*	Coverage	*	Payment Rate
(9)		(9)		(2)		(2)
Input		Input		Input		Input
(Field 52)		(Field 50)		(Field 16)		(Field 17)

Max MPC I	=	AGR Liability	*	0.50
(Internal)		(Field 52)		

<b>\$81,098</b>		<b>\$81,098</b>		<b>\$0</b>	
Premium Liability	=	AGR Liability	-	Lesser of : (MPCI Liability or Max MPC I)	
(Internal)		(Field 52)		(Field 51)	(Internal)

**RATE CALCULATION**

$$\begin{array}{rclcl}
 \mathbf{.209} & & \mathbf{\$34,100} & & \mathbf{\$163,360} \\
 \% \text{ of Revenue} & = & \text{Commodity} & \div & \text{Total Income} \\
 (2.3) & & \text{Revenue} & & (9) \\
 (3) & & (4) & & \text{Calc} \\
 \text{Calc} & & \text{Input} & & 
 \end{array}$$

$$\begin{array}{rclcl}
 \mathbf{.015} & & \mathbf{.070} & & \mathbf{.209} \\
 \text{Weighted Commodity} & = & \text{Commodity Rate} & * & \% \text{ of Revenue} \\
 \text{Rate (2.3)} & & (8) & & (3) \\
 (5) & & & & \text{Calc} \\
 \text{Calc} & & & & 
 \end{array}$$

$$\begin{array}{rclcl}
 \mathbf{.147} & & \mathbf{.015 + .046 + .070 + .016} \\
 \text{Total Weighted} & = & \text{Sum of Weighted} \\
 \text{Farm Rate (2.3)} & & \text{Commodity Rate} \\
 (5) & & (4) \\
 \text{Calc} & & \text{Calc} \\
 \text{Fld 53} & & & & 
 \end{array}$$

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

$$\begin{array}{rclcl}
 \mathbf{.041} & & \mathbf{.209} & & \mathbf{.250} \\
 \text{Commodity Deviation} & = & \% \text{ of Revenue} - & & \text{Commodity Factor} \\
 \text{"Absolute Value"} & & (3) & & (4) \\
 (1.3) & & \text{Calc} \text{ Calc} & & \\
 \text{Calc} & & & & 
 \end{array}$$

$$\begin{array}{rclcl}
 \mathbf{.410} & & \mathbf{.041 + .022 + .205 + .142} \\
 \text{Sum of Commodity} & = & \text{Sum all Commodity Deviations} \\
 \text{Deviation Factor} & & \\
 (4) & & \\
 \text{Calc} & & 
 \end{array}$$

**RATE CALCULATION CON'T**

**.521** **.410**  
 Diversity = .474 + ((.0248208 \* (Sum of Commodity Deviation)) +  
 Factor  
 (4)  
 Calc  
 Fld 54

**.410** **.410**  
 (.218472 \* ((Sum of Commodity Deviation) \* (Sum of Commodity Deviation)))

**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

**.077** **.521** **.147**  
 Rate = Diversity Factor \* Total Weighted Farm Rate  
 (4)  
 Input  
 Fld 55 Fld 54 Fld 53

**TOTAL PREMIUM CALCULATION**

<b>\$6245</b>		<b>\$81098</b>		<b>.077</b>
Total Premium =		Premium Liability *		Rate
(8)		(9)		(2.3)
Fld 56		Internal		Input Fld 55

**PRODUCER PREMIUM CALCULATION**

Preliminary Producer Premium	=	Total Premium Fld 56	*	.500
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EFA Premium Discount Fld 46	=	Preliminary Producer Premium	*	EFA Discount Percent
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Producer Premium Fld 57	=	Preliminary Producer Premium	-	EFA Premium Discount Fld 46
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