

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

**2003 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		Cherries	
Irrigated	0850	Tart	0100
Nonirrigated	0851	Sweet	0099
Apples	0054	Chestnuts	0681
Fresh Market	0853	Chinese Vegetables	0870
Processing	0854	Christmas Trees	0635
Apricots	0098	Cilantro	0871
Artichokes	0855	Citrus	0026
Asparagus	0607	Grapefruit	0201
Aquaculture	0300	Lemons	0202
Aquatic Plants	0656	Limes	0663
Barley	0091	Oranges	0227
Irrigated	0856	Tangelos	0203
Nonirrigated	0857	Tangerines	0664
Basil	0858	Clover	
Beets	0616	Annuals	0873
Bentgrass		Perennials	0874
Colonial	0859	Red	0875
Creeping	0860	White & Ladino	0951
Berries (Other)	0601	Corn	0041
Blackberries	0302	Silage	0876
Evergreen	0861	Cotton	0021
Marion	0862	Crambe	0068
Blueberries	0012	Cranberries	0058
Boysenberries	0863	Cucumbers	0603
Gooseberries	0889	Fresh Market	0877
Loganberries	0907	Pickeling	0878
Raspberries	0679	Processing	0957
Black	0933	Dry Beans	0047
Red	0934	Dry Peas	0067
Strawberries	0110	Eggplant	0613
Broccoli	0620	Endive	0883
Rabe	0864	Escarole	0649
Brussel Sprouts	0657	Fescue	
Buckwheat	0865	Fine	0885
Cabbage	0072	Tall	0886
Chinese	0682	Flax	0031
Fresh Market	0960	Flowers (Other)	0615
Napa	0910	Bedding Plants	0630
Processing	0961	Bulbs	0887
Canola	0015	Cut Flowers	0683
Rapeseed	0647	Dried	0880
Carambola Fruit	0103	Potted	0931
Carrots	0624		
Fresh Market	0867		
Processing	0868		
Cauliflower	0621		
Celeriac	0869		
Celery	0658		

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Forage Production	0033	Mushrooms	0654
Alfalfa	0648	Mustard	0069
Clover	0668	Nursery (FG & C)	0073
Mixed Hay	0670	Oats	0016
Garlic	0301	Irrigated	0914
Grain Sorghum	0051	Nonirrigated	0915
Grapes	0053	Okra	0629
Hybrid	0890	Onions	0013
Juice	0891	Bulb	0918
Lumbruska	0894	Fall	0916
Vinifera	0892	Green	0919
Wine	0893	Shallot	0920
Green Peas	0064	Spring	0917
Fresh Market	0897	Orchard Grass	0921
Greenhouse	0600	Other	
Greens (Other)	0631	Fruits	0608
Collard Greens	0622	Vegetables	0646
Greens	0898	Crops	0609
Kale	0614	Parsnips	0643
Swiss Chard	0653	Parsley	0641
Turnip Greens	0632	Peaches	0034
Hay (Other)	0611	Fresh Market	0923
Grass (Irrigated)	0895	Processing	0924
Grass (Nonirrigated)	0896	Nectarines	0102
Silage	0899	Peanuts	0075
Haselnuts	0900	Pears	0089
Herbs	0639	Asian	0303
Hops	0673	Pecans	0020
Horseradish	0661	Peppers (Other)	0627
Indian Corn	0651	Bell Peppers	0104
Italian Parsley	0902	Chile Peppers	0045
Kentucky Bluegrass	0904	Cubanelle	0927
Kohlrabi	0636	Hot Peppers	0610
Leeks	0638	Irrigated	0925
Lettuce	0604	Nonirrigated	0926
Lima Beans	0906	Jalapeno Peppers	0662
Maple Syrup	0645	Plums	0092
Meadowfoam	0908	Popcorn	0043
Melons (All Others)	0101	Potatoes	0084
Cantaloupe	0612	Fresh Market	0929
Casaba	0680	Processing	0930
Crenshaw	0692	Processing Beans	0046
Honeydew	0642	Prunes	0036
Mini Pumpkins	0617	Radishes	0625
Pumpkins	0605	Rhubarb	0650
Millet	0017	Rye	0094
Mint		Ryegrass	
Peppermint	0700	Annual	0935
Spearmint	0701	Perennial	0936
Mixed Vegetables	0956	Safflower	0049

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<u>CROP NAME</u>	<u>CROP CODE</u>
Scallions	0637
Seed (Other)	0626
Alfalfa Seed	0107
Canola Seed	0866
Carrot Seed	0634
Cilantro Seed	0872
Clover Seed	0655
Crown Vetch Seed	0305
Dill Seed	0879
Dry Bean Seed	0881
Dry Pea Seed	0884
Endive Seed	0884
Flax Seed	0684
Flower	0602
Garlic Seed (Cloves)	0888
Grass Seed	0660
Hybrid Corn Seed	0062
Hybrid Sorghum Seed	0050
Kale Seed	0903
Kohlrabi Seed	0905
Lettuce Seed	0665
Melon Seed	0909
Mustard Seed	0674
Onion Seed	0671
Parsley Seed	0922
Popcorn Seed	0685
Pumpkin Seed	0932
Radish Seed	0686
Sesame Seed	0644
Squash Seed	0939
Sugar Beet Seed	0942
Sunflowers Seed	0955
Sweet Corn Seed	0688
Teff Seed	0689
Turnip Seed	0691
Vegetable	0667
Snap Beans (Fresh)	0082
Snap Peas	0938
Soybeans	0081
Spinach	0623
Squash (Other)	0669
Gourds	0652
Summer	0014
Fresh Market	0943
Processing	0954
Zucchini	0640
Fresh Market	0953
Processing	0954
Straw	0940
Sudan Sorghum Grass	0941

**COMMODITY**

<u>CROP NAME</u>	<u>CROP CODE</u>
Sugar Beets	0039
Sunflowers	0078
Sweet Corn	
(Processing)	0042
Sweet Corn	
(Fresh Market)	0044
Sweetpotatoes	0085
Table Grapes	0052
Timothy Grass	0945
Tobacco	0071
Burley	0231
Cigar Wrapper	0236
Flue Cured	0229
Maryland	0232
Tomatoes	
(Fresh Market)	0086
Processing	0087
Staked	0946
Turf	0690
Turnips	0619
Rutabaga	0687
Walnuts	0029
Watermelons	0618
Wheat	0011
Irrigated	0948
Nonirrigated	0949
Seed	0947
Spring Summerfallow	0950
Wild Rice	0952
Winter Squash	0065

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<u>COMMODITY</u>			
<u>ANIMALS</u>	<u>CODE</u>	<u>COMMODITY</u>	
Beef Cattle		<u>ANIMAL</u>	<u>PRODUCTS</u>
Cow-calf	0800		<u>CODE</u>
Stocker/Feeder	0801	Cheese	0840
Feedlot 0802		Dairy	0847
Replacement Heifer	0813	Eggs	0841
		Furs	0842
Hogs/Pigs	0815	Honey	0843
Farrow 0803		Milk	0844
Farrow/Finish	0804	Other	0845
Finish 0805		Wool	0846
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**

$$\begin{array}{rclcl}
 \text{\$81,098} & & \text{\$144,175} & & \text{.7500} & & \text{.7500} \\
 \text{AGR} & & & & & & \\
 \text{Liability} & = & \text{Approved AGR} & * & \text{Coverage Level} & * & \text{Payment Rate} \\
 \text{(Field 49)} & & \text{(Field 47)} & & \text{(Field 16)} & & \text{(Field 17)}
 \end{array}$$

**PREMIUM LIABILITY CALCULATION**

$$\begin{array}{rcl}
 \text{Max MPC} & = & \text{AGR Liability} * 0.50 \\
 \text{(Internal)} & & \text{(Field 49)}
 \end{array}$$

$$\begin{array}{rclcl}
 \text{\$81,098} & & \text{\$81,098} & & \\
 \text{Premium Liability} & = & \text{AGR Liability} & - & \text{Lesser of: (MPCI Liability or Max MPC)} \\
 \text{(Internal)} & & \text{(Field 49)} & & \text{(Field 48) (Internal)}
 \end{array}$$

**AGR RATE CALCULATION**

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

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

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

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

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

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

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

$$(.218472 * ((\mathbf{.410} * (\text{Sum of Commodity Deviation})) * (\mathbf{.410} * (\text{Sum of Commodity Deviation}))))$$

Note: Round at end of calculation

**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 (Field 53)		Premium Liability		AGR Rate (Field 52)

**PRODUCER PREMIUM CALCULATION**

Subsidy (Field 56) (Note 7)	=	Total Premium (Field 53) (Note 7)	*	Subsidy Factor (Note 8)
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Preliminary Producer Premium (Internal) (Note 7)	=	Total Premium (Field 53) (Note 7)	-	Subsidy (Field 56) (Note 7)
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Additional Subsidy (Field 58) (Note 7)	=	Preliminary Producer Premium (Internal) (Note 7)	*	Cost-Share Factor (ADM 9 field 'Cost-Share') (X.XXX)
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Producer Premium (Field 54) (Note 7)	=	Preliminary Producer Premium (Internal) (Note 7)	-	Additional Subsidy (Field 58) (Note 7)
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**AGR 2003**  
Units of Measure

UNIT MEASURE	UNIT ABBREVIATION	UNIT NUMERIC CODE
ACRE	ACRE	20
BAG/SACK	BG/SK	11
BALE	BALE	12
BARREL	BARRL	10
BOX	BOX	13
BUSHEL	BU	01
CARTON	CTN	14
DOZEN	DOZ	15
EACH	EACH	97
FLAT	FLAT	16
GALLON	GAL	07
HEAD	HEAD	17
HIVE	HIVE	18
HUNDREDWEIGHT	CWT	03
LUG	LUG	19
OTHER	OTHER	99
OUNCE	OZ	05
PACKAGE	PACKG	21
PECK	PECK	09
PINT	PINT	06
PLANT	PLANT	22
POUND	POUND	02
PURCHASED FOR RESALE	PFR	98 **
QUART	QT	07
SQUARE FOOT	SQ/FT	23
TON	TON	04

\*\* If the commodity code is 0073 or 0600 the unit code will be 98.  
If the unit code is 98 the Expected Value field will be zero.