United States
Department of
Agriculture

Agricultural
Marketing
Service

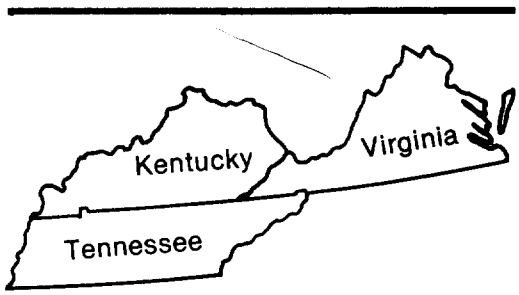
TOB-FDA-32

June 1989

Washington, D.C.

Tobacco Market Review

Fire-Cured and Dark Air-Cured, 1988 Crop



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Sources:

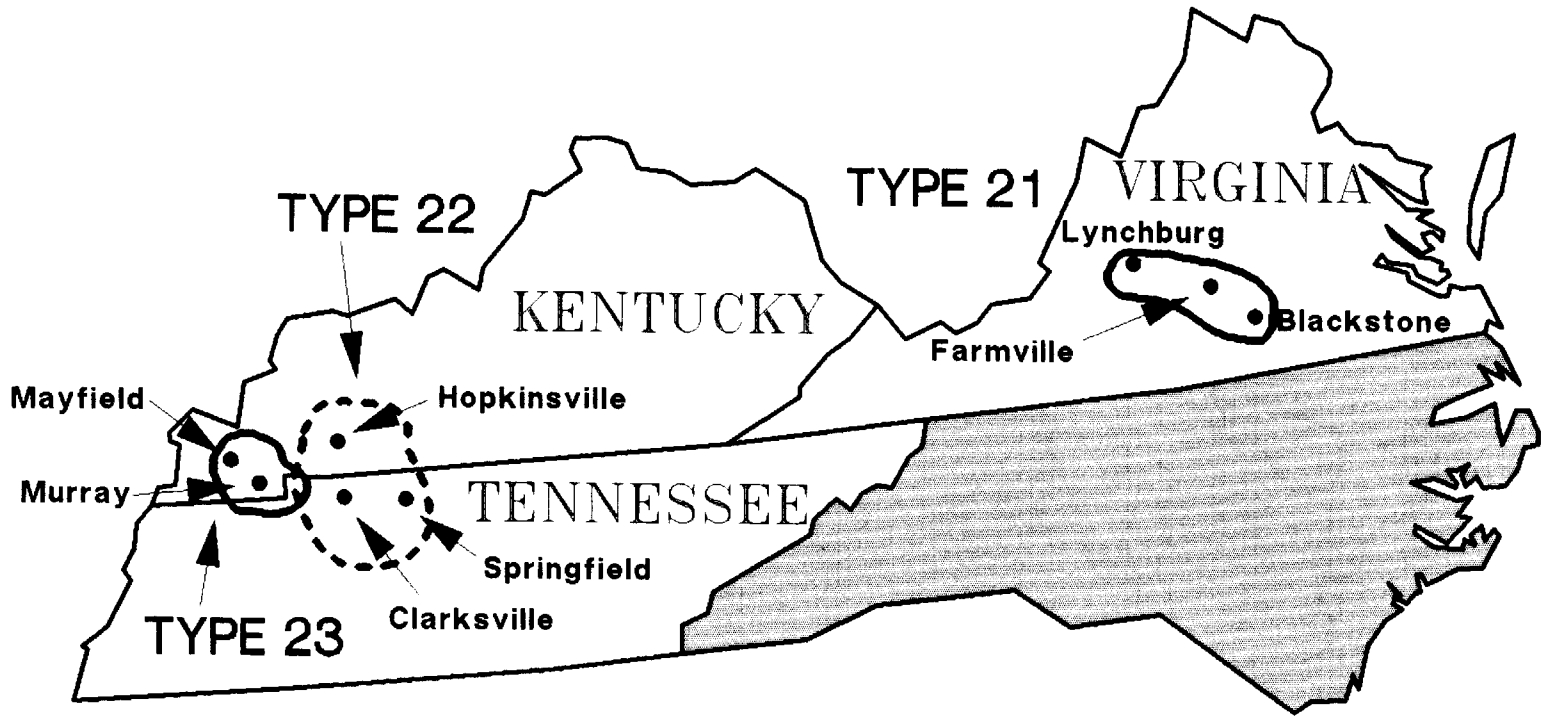
The statistics on sales and markets in this review are compiled from data obtained directly from markets and trade sources. The data on prices by grades are based on compilation of information recorded from warehouse sales tickets of markets in the fire-cured and dark air-cured areas.

Cooperative Associations:

Commodity Credit Corporation loans made available to growers through cooperative associations as follows:

Type 21:	Dark Tobacco Sales Cooperative, Farmville, Va. 23901
Type 22:	Eastern Dark-fired Tobacco Growers' Association, Springfield, Tenn. 37172
Type 23:	Western Dark-fired Tobacco Growers' Association, Murray, Ky. 42071
Type 35:	Eastern Dark-fired Tobacco Growers' Association, Springfield, Tenn. 37172
	Western Dark-fired Tobacco Growers' Association, Murray, Ky. 42071
Type 36:	Stemming District Tobacco Association, Henderson, Ky. 42420
Type 37:	Dark Tobacco Sales Cooperative, Farmville, Va. 23901

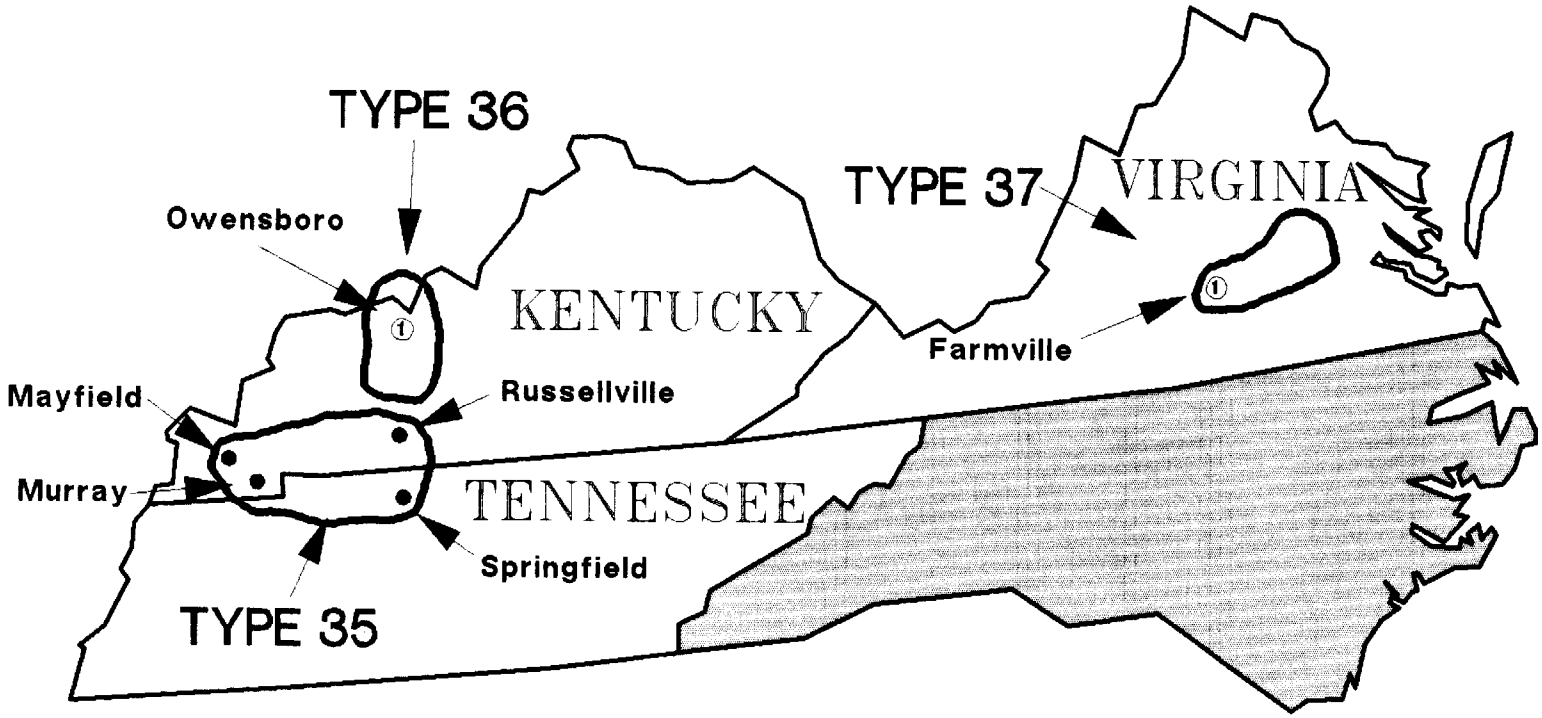
FIRE-CURED TOBACCO
AUCTION MARKETS AND PRODUCING AREAS



1 SET ROTATED AMONG THE 5 MARKETS OF TYPES 22-23
1 SET ROTATED AMONG THE 3 MARKETS OF TYPE 21

Heavy lines are boundaries of producing areas.
All markets are officially inspected.

DARK AIR-CURED TOBACCO AUCTION MARKETS AND PRODUCING AREAS



2 SETS OF BUYERS ROTATE AMONG TYPE 35 MARKETS

Heavy lines are boundaries of producing areas. Small numbers within circles represent number of sets of buyers. All markets are officially inspected.

SUMMARY OF FIRE-CURED TOBACCO GRADES

Type 21: Virginia fire-cured--produced in the piedmont and mountain sections of Virginia.

Type 22: Eastern district fire-cured--produced in a section east of the Tennessee River in southern Kentucky and northern Tennessee.

Type 23: That type of fire-cured tobacco, known as Eastern District Fire-cured of Dark-fired, produced principally in a section west of the Tennessee River in Kentucky and extending into Tennessee.

Key to Standard Grade Marks

Group	Qualities	Colors	Sizes	
			Inches	Size
A - wrappers	1 - choice	L - light brown	Over 28	3
B - heavy leaf	2 - fine	F - medium brown	20-28	2
C - thin leaf	3 - good	D - dark brown	12-20	1
X - lugs	4 - fair	M - mixed or variegated		
N - nondescript	5 - low	VF - greenish medium brown 1/		
S - scrap		G - green		

Summary of Standard Grades

Wrappers		Heavy leaf					Thin leaf					
A1F	A1D	B1F	B1D				C1L	C1F	C1D 1/			
A2F	A2D	B2F	B2D				C2L	C2F	C2D			
A3F 1/	A3D 1/	B3F	B3D	B3M	B3VF 1/	B3G	C3L	C3F	C3D	C3M	C3VF 1/	C3G
		B4F	B4D	B4M	B4VF 1/	B4G	C4L	C4F	C4D	C4M	C4VF 1/	C4G
		B5F	B5D	B5M	B5VF 1/	B5G	C5L	C5F	C5D	C5M	C5VF 1/	C5G

Lugs						Nondescript	Scrap
X1L	X1F	X1D				N1L N1D N1GL	S
X2L	X2F	X2D				N1GD 2/ N1GX 1/ N2	
X3L	X3F	X3D	X3M	X3VF 1/	X3G		
X4L	X4F	X4D	X4M	X4VF 1/	X4G		
X5L	X5F	X5D	X5M	X5VF 1/	X5G		

Special factors "U" (unsound), "W" (wet) and "SF" (semi-fired) may be applied to all grades. Tobacco not covered by the standard grades is designated "No-G."

Applicable U.S. Standard Sizes

Type 21		Types 22 and 23	
A1 - A2	3, 2	A1 - A2 - A3	3, 2
B1	3, 2	B1 - B2 - B3 - B4 - B5	3, 2, 1
B2 - B3 - B4 - B5	3, 2, 1	C1 - C2 - C3 - C4 - C5	3, 2, 1
C1	3, 2		
C2 - C3 - C4 - C5	3, 2, 1		
X3 - X4 - X5 - M and G 3/	2		

1/ Types 22 and 23 only.
2/ Type 21 only.
3/ No size is applied to these grades if tobacco is under size 2.

SUMMARY OF DARK AIR-CURED TOBACCO GRADES

Type 35: One sucker--produced in northern Tennessee, south-central Kentucky, and southern Indiana.

Type 36: Green River--produced in the Green River section of Kentucky.

Type 37: Virginia sun-cured--produced in the central section of Virginia, north of the James River.

Key to Standard Grade Marks

Group	Qualities	Colors	Sizes	
			Inches	Size
A - wrappers	1 - choice	L - light brown	Over 28	3
B - heavy leaf	2 - fine	F - medium brown	20-28	2
C - thin leaf	3 - good	R - reddish brown	12-20	1
X - lugs	4 - fair	D - dark brown		
N - nondescript	5 - low	M - mixed		
		G - green		

Summary of Standard Grades

Wrappers		Heavy leaf					Thin leaf				
A1F	A1R	B1F	B1R	B1D			C1L	C1F	C1R		
A2F	A2R	B2F	B2R	B2D			C2L	C2F	C2R		
A3F	A3R	B3F	B3R	B3D	B3M	B3G	C3L	C3F	C3R	C3M	C3G
		B4F	B4R	B4D	B4M	B4G	C4L	C4F	C4R	C4M	C4G
		B5F	B5R	B5D	B5M	B5G	C5L	C5F	C5R	C5M	C5G

Lugs					
X1L	X1F	X1R			
X2L	X2F	X2R			
X3L	X3F	X3R	X3D	X3M	X3G
X4L	X4F	X4R	X4D	X4M	X4G
X5L	X5F	X5R	X5D	X5M	X5G

Nondescript			Scrap
N1L	N1R	N1G	S
N2L	N2R	N2G	

Special factors "U" (unsound) and "W" (wet) may be applied to all grades in all types; "BH" to grades in types 35 and 36, and "BL" to type 35. Tobacco not covered by the standard grades is designated "No-G."

Applicable U.S. Standard Sizes

Types 35 and 36		Type 37	
A1 - A2 - A3	3, 2	A1 - A2 - A3	3, 2, 1
B1 - B2 - B3 - B4 - B5	3, 2, 1	B1 - B2 - B3 - B4 - B5	3, 2, 1
C1 - C2 - C3 - C4 - C5	3, 2, 1	C1 - C2 - C3 - C4 - C5	3, 2, 1

Review of the 1988/89 Marketing Season

Virginia Fire-Cured - Type 21

Quality of the 1988 crop of Virginia fire-cured improved and was met by a good demand throughout the marketing season. Thus, a new record high general average was set this season. Volume was up slightly and the percentage placed under loan decreased to 2.7 percent of net sales compared with 10.7 percent last season. Gross sales totaled around 3.0 million pounds averaging $147.63 per hundred - up $17.01 from last year. Nearly all grade averages recorded gains over last season. Top average was $228 for C1F3 and C1F2 with $67 the lowest for N2. The percentage of tobacco graded fair and good increased with less low quality and nondescript. Less green color was sold this season with more medium brown.

Kentucky-Tennessee Fire-Cured - Types 22-23

Only 1.6 million pounds were sold at auction during the 1988-89 marketing season while 26.1 million pounds were purchased directly from growers. This was the smallest volume ever sold at auction in these types. Gross auction sales averaged $148.45 per hundred - an increase of $8.81 from last season as most grades were higher. There was only one set of buyers used this season to service all five markets. Sales were held only 15 days this season. Country sales averaged $224.48 per hundred. The two grower associations received 9.2 percent of net auction sales.

One Sucker - Type 35

Auction sales during the 1988-89 season were also the smallest on record as 64 percent of production was purchased directly from growers. Prices at auction were mixed compared with last season but a higher percentage of good and fine quality offerings in medium brown color improved the overall composition of marketings. Growers placed 11.1 percent of net auction sales under loan this season. The Franklin, Kentucky market did not operate this season. Gross auction sales totaled 1.9 million pounds averaging $132.62 per hundred - up $11.45 from last year. Country purchases totaled 3.4 million pounds and averaged $191.46 per hundred.

Green River - Type 36

Grade averages and quality improved over the 1987 crop. This resulted in the general average being the second highest on record - bested only by the 1983 crop. Volume increased slightly and the percentage placed under loan dropped to 7.8 percent of sales. Owensboro was the only market holding auctions this season and sales were held 14 days. Gross sales totaled 2.5 million pounds averaging $141.12 per hundred - up $26.76 from last season. Gains in grade averages were generally in the twenty dollar range and centered mainly on better quality marketings and nondescript. The losses centered on lugs and mixed and green color. Averages ranged from $207 for grade B2F3 to $30 for N1L and N2L. From a quality standpoint, a smaller percentage of low was auctioned with more fine, good and fair. The percentage of tobacco classified as medium brown increased while mixed color decreased.

Virginia Sun-Cured - Type 37

Better quality and improved prices contributed to a higher general average for the 1988 Virginia sun-cured tobacco crop. Volume was the lightest ever and 1.4 percent of net sales was placed under loan. Gross sales amounted to 130,034 pounds and averaged $122.28 per hundred - up $28.51 from last season. Substantial gains in grade averages were noted for most lugs and nondescript. The percentage of tobacco classified as nondescript decreased this season.

Table 1.--Acreage, yield and production of dark tobacco, by type and State 1/

Type and State	Area harvested 1988	Area harvested 1987	Yield 1988	Yield 1987	Production 1988	Production 1987
	Acres		Pounds		1,000 Pounds	
Type 21						
Virginia	2,300	2,600	1,300	1,000	2,990	2,600
Types 22-23						
Kentucky	5,400	5,300	2,124	2,260	11,470	11,959
Tennessee	5,940	5,960	2,107	2,260	12,518	13,016
Total	11,340	11,260	2,115	2,260	23,988	24,975
Type 35						
Kentucky	2,000	1,900	2,100	1,940	4,200	3,686
Tennessee	480	480	1,900	2,000	912	960
Total	2,480	2,380	2,061	1,952	5,112	4,646
Type 36						
Kentucky	1,200	1,100	2,150	2,000	2,580	2,200
Type 37						
Virginia	110	130	1,000	1,000	110	130

1/ Data taken from "Crop Production," Agricultural Statistics Board, National Agricultural Statistics Service, USDA. January 1989.

Table 2.--Opening and closing dates, number of sales days, warehouse firms and sets of buyers, by market and State

Market and State	1988/89 season					1987/88 season				
	Opening dates	Closing dates	Sales days	Whse. firms	Sets of buyers	Opening dates	Closing dates	Sales days	Whse. firms	Sets of buyers
Type 21--Virginia fire-cured										
Virginia										
Blackstone	Nov. 29	Jan. 17	7	1	1/	Dec. 2	Feb. 4	8	1	2/
Farmville	Nov. 30	Jan. 18	5	1	1/	Dec. 1	Feb. 4	8	1	2/
Lynchburg	Nov. 28	Jan. 19	8	1	1/	Dec. 1	Feb. 3	8	1	2/
Total type 21				3	1				3	2
Types 22 & 23--Kentucky and Tennessee fire-cured										
Tennessee										
Clarksville 3/	Jan. 25	Feb. 22	4	3	1/	Jan. 19	Mar. 10	16	4	1
Springfield 3/	Jan. 24	Feb. 21	5	5	1/	Jan. 19	Mar. 10	23	6	1
Total Tennessee				8	1				10	2
Kentucky										
Hopkinsville 3/	Jan. 26	Feb. 16	3	3	1	Jan. 20	Mar. 17	23	5	1
Mayfield 3/	Jan. 23	Mar. 1	3	2	1/	Jan. 12	Mar. 2	10	2	1/
Murray 3/	Jan. 23	Mar. 1	3	2	1/	Jan. 11	Mar. 2	10	2	1/
Total Kentucky				7	1				9	2
Total types 22&23				15	1				19	4
Total types 21-23				18	2				22	6
Type 35--One Sucker										
Kentucky										
Franklin	No sales					Dec. 8	Jan. 12	4	1	4/
Mayfield 3/	Dec. 12	Feb. 6	3	2	5/	Dec. 9	Jan. 7	3	2	4/
Murray 3/	Dec. 13	Jan. 6	3	2	5/	Dec. 9	Jan. 7	3	2	4/
Russellville 3/	Dec. 8	Jan. 19	7	4	5/	Dec. 7	Jan. 22	8	4	4/
Total Kentucky				8	5/				9	4/
Tennessee										
Springfield 3/	Dec. 7	Jan. 31	6	4	5/	Dec. 9	Jan. 28	6	5	4/
Total type 35				12	2				14	2
Type 36--Green River										
Kentucky										
Owensboro 3/	Dec. 1	Feb. 2	14	9	1	Dec. 3	Jan. 29	13	10	1
Type 37--Virginia sun-cured										
Virginia										
Farmville	Dec. 2	Jan. 20	3	1	1	Dec. 4	Feb. 5	3	1	1
Total types 35-37				22	4				25	4

1/ Same set of buyers used for all markets.
2/ Same two sets of buyers used for all markets in type 21.
3/ This market sells more than one type.
4/ Same two sets of buyers used for all markets in type 35.
5/ Mayfield and Murray shared one set of buyers; Russellville and Springfield shared one set.

Table 3.--Auction warehouse charges and percent of commission, by type, market and State

Type, market, and State	Auction fee	Commission on gross sales	Type, market, and State	Auction fee	Commission on gross sales
	Per 100 pounds	Percent		Per 100 pounds	Percent
Type 21			Type 35		
Blackstone, Va.	$ .75	3.5	Franklin, Ky.	No sales	
Farmville, Va.	.75	3.5	Mayfield, Ky.	$ .70	5.25
Lynchburg, Va.	.75	3.5			
			Murray, Ky.	6.50	-
Type 22			Russellville, Ky.	7.50	-
Clarksville, Tn.	7.50	-	Springfield, Tn.	7.50	-
	.50	5.0			
	-	5.75			
	-	4.5			
Springfield, Tn.	7.50	-	Type 36		
Hopkinsville, Ky.	6.50	-	Owensboro, Ky.	1.00	5.0
Type 23			Type 37		
Mayfield, Ky.	.70	5.25	Farmville, Va.	.75	4.0
Murray, Ky.	6.50	-			

Table 4.--Average weight per lot, by type and crop year

Crop	Type 21	Types 22 & 23	Type 35	Type 36	Type 37
	Pounds	Pounds	Pounds	Pounds	Pounds
1983	152	392	280	286	124
1984	152	451	326	323	129
1985	154	451	307	312	125
1986	157	480	322	296	132
1987	154	450	241	257	117
1988	158	380	254	283	118

Table 5.--Tobacco receipts under Government loan program, by type and crop year

Fire-cured

Crop	Type 21		Type 22-23		Types 21-23	
	Receipts	Percentage of net auction sales	Receipts	Percentage of net auction sales	Receipts	Percentage of net auction sales
	1,000 pounds	Percent	1,000 pounds	Percent	1,000 pounds	Percent
1983	400	8.7	1,963	38.2	2,363	24.3
1984	1,119	18.6	7,577	22.0	8,696	21.5
1985	748	16.9	9,609	29.8	10,357	28.2
1986	1,046	29.0	10,340	30.1	11,386	30.0
1987	274	10.7	4,667	28.0	4,941	25.7
1988	79	2.7	133	9.2	211	4.8

Dark air-cured

Crop	Type 35		Type 36		Type 37		Types 35-37	
	Receipts	Percentage of net auction sales	Receipts	Percentage of net auction sales	Receipts	Percentage of net auction sales	Receipts	Percentage of net auction sales
	1,000 pounds	Percent	1,000 pounds	Percent	1,000 pounds	Percent	1,000 pounds	Percent
1983	636	14.1	700	14.7	1	.4	1,338	13.9
1984	3,851	37.3	2,289	37.4	262	48.6	6,402	37.7
1985	2,880	34.9	1,668	36.0	53	23.4	4,601	35.1
1986	2,072	34.9	924	24.4	9	5.5	3,005	30.4
1987	440	15.8	639	28.9	34	26.1	1,113	21.7
1988	193	11.1	171	7.8	2	1.4	366	9.0

Table 6.--Producers' sales, value and average price, by type and crop year

Crop	Sales	Value	Price per 100 pounds	Crop	Sales	Value	Price per 100 pounds
	Type 21 Virginia fire-cured				Type 35 One-Sucker		
		Auction				Auction	
	Pounds	Dollars	Dollars		Pounds	Dollars	Dollars
1983	4,607,016	5,842,529	126.82	1983	4,517,014	6,554,960	145.12
1984	6,029,471	7,141,280	118.44	1984	10,318,184	12,894,027	124.96
1985	4,431,383	5,505,438	124.24	1985	8,261,723	9,993,402	120.96
1986	3,570,061	4,562,593	127.80	1986	5,937,149	7,064,802	118.99
1987	2,573,021	3,382,317	131.45	1987	2,782,331	3,384,058	121.63
1988	2,920,100	4,328,562	148.23	1988	1,743,745	2,376,506	136.29
	Types 22 & 23 Kentucky and Tennessee fire-cured				Type 35 One Sucker		
		Auction				Country	
1983	5,136,191	7,285,703	141.85	1983	5,132,743	8,507,406	165.75
1984	34,388,047	50,681,797	147.38	1984	2,474,015	3,784,167	152.96
1985	32,284,099	45,178,645	139.94	1985	2,615,755	4,111,492	157.18
1986	34,389,896	48,867,532	142.10	1986	1,131,307	1,636,571	144.66
1987	16,661,439	23,252,712	139.56	1987	1,943,663	3,146,794	161.90
1988	1,448,516	2,187,182	150.99	1988	3,415,565	6,539,489	191.46
	Types 22 & 23 Kentucky and Tennessee fire-cured				Type 35 One Sucker		
		Country				Total	
1983	27,394,926	52,204,721	190.56	1983	9,649,757	15,062,366	156.09
1984	17,293,803	29,829,678	172.49	1984	12,792,199	16,678,194	130.38
1985	14,657,607	24,887,098	169.79	1985	10,877,478	14,104,894	129.67
1986	4,120,497	6,687,855	162.31	1986	7,068,456	8,701,373	123.10
1987	8,459,423	15,211,020	179.81	1987	4,725,994	6,530,852	138.19
1988	26,085,623	58,556,422	224.48	1988	5,159,310	8,915,995	172.81
	Types 22 & 23 Kentucky and Tennessee fire-cured				Type 36 Green River		
		Total				Auction	
1983	32,531,117	59,490,424	182.87	1983	4,756,062	6,770,806	142.36
1984	51,681,850	80,511,475	155.78	1984	6,120,996	7,390,340	120.74
1985	46,941,706	70,065,743	149.26	1985	4,632,193	5,478,673	118.27
1986	38,510,393	55,555,387	144.26	1986	3,780,934	4,376,369	115.75
1987	25,120,862	38,463,732	153.11	1987	2,214,460	2,525,171	114.03
1988	27,534,139	60,743,604	220.61	1988	2,190,272	3,097,319	141.41
	Types 21-23 Total fire-cured				Type 37 Virginia sun-cured		
		Total				Auction	
1983	37,138,133	65,332,953	175.92	1983	377,857	500,616	132.49
1984	57,711,321	87,652,755	151.88	1984	537,881	517,626	96.23
1985	51,373,089	75,571,181	147.10	1985	226,547	226,043	99.78
1986	42,080,454	60,117,980	142.86	1986	168,415	209,134	124.18
1987	27,693,883	41,846,049	151.10	1987	130,222	133,477	102.50
1988	30,454,239	65,072,166	213.67	1988	126,889	157,147	123.85
					Types 35-37 Total dark air-cured		
						Total	
				1983	14,783,676	22,333,788	151.07
				1984	19,451,076	24,586,160	126.40
				1985	15,736,218	19,809,160	125.89
				1986	11,017,805	13,286,876	120.59
				1987	7,070,676	9,189,500	129.97
				1988	7,476,471	12,170,461	162.78

Table 7.--Gross sales and resales, by type and crop year

Crop	Gross sales: Sales	Gross sales: Value	Gross sales: Price per 100 pounds	Resales: Resales	Resales: Price per 100 pounds	Resales: Percentage of gross sales
	Pounds	Dollars	Dollars	Pounds	Dollars	Percent
Type 21--Virginia fire-cured						
1983	4,698,611	5,922,883	126.06	91,595	87.73	2.0
1984	6,127,775	7,217,752	117.79	98,304	77.79	1.6
1985	4,523,516	5,586,303	123.49	92,133	87.77	2.0
1986	3,610,166	4,597,698	127.35	40,105	87.53	1.1
1987	2,617,782	3,419,245	130.62	44,761	82.50	1.7
1988	2,960,793	4,371,034	147.63	40,693	104.37	1.4
Types 22 & 23--Kentucky and Tennessee fire-cured						
1983	5,264,551	7,468,392	141.86	128,360	142.33	2.4
1984	34,848,907	51,364,245	147.39	460,860	148.08	1.3
1985	32,720,401	45,823,477	140.05	436,302	147.79	1.3
1986	34,857,653	49,511,169	142.04	467,757	137.60	1.3
1987	16,943,975	23,661,224	139.64	282,536	144.59	1.7
1988	1,565,352	2,323,820	148.45	116,836	116.95	7.5
Type 35--One Sucker						
1983	4,723,094	6,858,321	145.21	206,080	147.21	4.4
1984	10,495,888	13,083,884	124.66	177,704	106.84	1.7
1985	8,363,309	10,094,427	120.70	101,586	99.45	1.2
1986	6,016,811	7,144,022	118.73	79,390	99.45	1.3
1987	2,849,776	3,453,051	121.17	67,445	102.30	2.4
1988	1,882,316	2,496,385	132.62	138,571	86.51	7.4
Type 36--Green River						
1983	4,957,848	7,066,400	142.53	201,786	146.49	4.1
1984	6,224,660	7,502,653	120.53	103,664	108.34	1.7
1985	4,714,159	5,585,856	118.49	81,966	130.77	1.7
1986	3,881,887	4,477,586	115.35	100,953	100.26	2.6
1987	2,315,406	2,647,954	114.36	100,946	121.63	4.4
1988	2,521,751	3,558,722	141.12	331,479	139.20	13.1
Type 37--Virginia sun-cured						
1983	383,372	505,334	131.81	5,515	85.55	1.4
1984	560,304	527,117	94.08	22,423	42.33	4.0
1985	226,881	226,203	99.70	334	47.90	.2
1986	169,106	209,873	124.11	691	106.95	.4
1987	145,550	136,477	93.77	15,328	19.57	10.5
1988	130,034	159,006	122.28	3,145	59.11	2.4
Types 21-23--total fire-cured						
1983	9,963,162	13,391,275	134.41	219,955	119.59	2.2
1984	40,976,682	58,581,997	142.96	559,164	135.72	1.4
1985	37,243,917	51,409,780	138.04	528,435	137.33	1.4
1986	38,467,819	54,108,867	140.66	507,862	133.65	1.3
1987	19,561,757	27,080,469	138.44	327,297	136.10	1.7
1988	4,526,145	6,694,854	147.92	157,529	113.70	3.5
Types 35-37--total dark air-cured						
1983	10,064,314	14,430,055	143.38	413,381	146.03	4.1
1984	17,280,852	21,113,654	122.18	303,791	102.59	1.8
1985	13,304,349	15,906,486	119.56	183,886	113.31	1.4
1986	10,067,804	11,831,480	117.52	181,306	99.93	1.8
1987	5,310,732	6,237,482	117.45	183,719	106.02	3.5
1988	4,534,101	6,214,113	137.05	473,195	123.23	10.4

Table 8.--Producers' sales, by type, market, State and crop year

Market and State	1988 crop			1987 crop		
	Sales	Value	Price per 100 pounds	Sales	Value	Price per 100 pounds
	Pounds	Dollars	Dollars	Pounds	Dollars	Dollars
Type 21--Virginia fire-cured						
Virginia						
Blackstone	1,041,398	1,523,839	146.33	968,511	1,290,605	133.26
Farmville	753,944	1,119,662	148.51	668,502	830,794	124.28
Lynchburg	1,124,758	1,685,061	149.82	936,008	1,260,918	134.71
Other mkts.	--	--	--	--	--	--
Total type 21	2,920,100	4,328,562	148.23	2,573,021	3,382,317	131.45
Types 22 & 23--Kentucky and Tennessee fire-cured						
Tennessee						
Clarksville	245,188	359,241	146.52	2,376,704	3,349,616	140.94
Springfield	349,750	549,325	157.06	4,476,788	6,202,624	138.55
Total Tennessee	594,938	908,566	152.72	6,853,492	9,552,240	139.38
Kentucky						
Hopkinsville	214,794	273,152	127.17	4,818,054	6,657,687	138.18
Mayfield	457,362	687,903	150.41	2,392,647	3,197,792	133.65
Murray	181,422	317,561	175.04	2,597,246	3,844,993	148.04
Total Kentucky	853,578	1,278,616	149.79	9,807,947	13,700,472	139.69
Total types 22&23	1,448,516	2,187,182	150.99	16,661,439	23,252,712	139.56
Type 35--One Sucker						
Kentucky						
Franklin	No sales			384,321	433,600	112.82
Mayfield	640,068	893,346	139.57	396,241	469,140	118.40
Murray	154,288	222,921	144.48	72,208	87,603	121.32
Russellville	586,567	783,888	133.64	1,246,905	1,549,330	124.25
Total Kentucky	1,380,923	1,900,155	137.60	2,099,675	2,539,673	120.96
Tennessee						
Springfield	362,822	476,351	131.29	682,656	844,385	123.69
Total type 35	1,743,745	2,376,506	136.29	2,782,331	3,384,058	121.63
Type 36--Green River						
Kentucky						
Owensboro	2,190,272	3,097,319	141.41	2,214,460	2,525,171	114.03
Type 37--Virginia sun-cured						
Virginia						
Farmville	123,982	155,003	125.02	127,028	128,881	101.46
Fire-cured mkts.	2,907	2,144	73.75	3,194	4,596	143.89
Total type 37	126,889	157,147	123.85	130,222	133,477	102.50

Table 9.--Gross sales, by type, market, State and crop year

Market and State	1988 crop: Gross sales	1988 crop: Value	1988 crop: Price per 100 pounds	1987 crop: Gross sales	1987 crop: Value	1987 crop: Price per 100 pounds
	Pounds	Dollars	Dollars	Pounds	Dollars	Dollars
Type 21--Virginia fire-cured						
Virginia						
Blackstone	1,061,112	1,545,405	145.64	990,416	1,309,806	132.35
Farmville	754,284	1,120,137	148.50	669,118	831,408	124.25
Lynchburg	1,145,397	1,705,492	148.90	958,248	1,278,031	133.37
Other mkts.	--	--	--	--	--	--
Total type 21	2,960,793	4,371,034	147.63	2,617,782	3,419,245	130.62
Types 22 & 23--Kentucky and Tennessee fire-cured						
Tennessee						
Clarksville	259,406	368,023	141.87	2,390,276	3,367,945	140.90
Springfield	406,092	617,384	152.03	4,517,354	6,256,755	138.50
Total Tennessee	665,498	985,407	148.07	6,907,630	9,624,700	139.33
Kentucky						
Hopkinsville	239,984	297,138	123.82	4,885,254	6,755,880	138.29
Mayfield	477,922	722,857	151.25	2,540,917	3,415,597	134.42
Murray	181,948	318,418	175.00	2,610,174	3,865,047	148.08
Total Kentucky	899,854	1,338,413	148.74	10,036,345	14,036,524	139.86
Total types 22&23	1,565,352	2,323,820	148.45	16,943,975	23,661,224	139.64
Type 35--One Sucker						
Kentucky						
Franklin	No sales			395,408	443,079	112.06
Mayfield	677,950	939,867	138.63	405,491	480,575	118.52
Murray	154,288	222,921	144.48	72,208	87,603	121.32
Russellville	653,070	829,986	127.09	1,276,395	1,584,051	124.10
Total Kentucky	1,485,308	1,992,774	134.17	2,149,502	2,595,308	120.74
Tennessee						
Springfield	397,008	503,611	126.85	700,274	857,743	122.49
Total type 35	1,882,316	2,496,385	132.62	2,849,776	3,453,051	121.17
Type 36--Green River						
Kentucky						
Owensboro	2,521,751	3,558,722	141.12	2,315,406	2,647,954	114.36
Type 37--Virginia sun-cured						
Virginia						
Farmville	123,982	155,003	125.02	142,356	131,881	92.64
Fire-cured mkts.	6,052	4,003	66.14	3,194	4,596	143.89
Total type 37	130,034	159,006	122.28	145,550	136,477	93.77

Table 10.--Resales, by type, market, State and crop year

Market and State	1988 crop Resales Pounds	1988 crop Price per 100 pounds Dollars	1988 crop Percent of gross	1987 crop Resales Pounds	1987 crop Price per 100 pounds Dollars	1987 crop Percent of gross
Type 21--Virginia fire-cured						
Virginia						
Blackstone	19,714	109.39	1.9	21,905	87.66	2.2
Farmville	340	139.71	.1	616	99.68	.1
Lynchburg	20,639	98.99	1.8	22,240	76.95	2.3
Other mkts.	--	--	--	--	--	--
Total type 21	40,693	104.37	1.4	44,761	82.50	1.7
Types 22 & 23--Kentucky and Tennessee fire-cured						
Tennessee						
Clarksville	14,218	61.77	5.5	13,572	135.05	.6
Springfield	56,342	120.80	13.9	40,566	133.44	.9
Total Tennessee	70,560	108.90	10.6	54,138	133.84	.8
Kentucky						
Hopkinsville	25,190	95.22	10.5	67,200	146.12	1.4
Mayfield	20,560	170.01	4.3	148,270	146.90	5.9
Murray	526	162.93	.3	12,928	155.12	.5
Total Kentucky	46,276	129.22	5.1	228,398	147.13	2.3
Total types 22&23	116,836	116.95	7.5	282,536	144.59	1.7
Type 35--One Sucker						
Kentucky						
Franklin	No sales			11,087	85.50	2.8
Mayfield	37,882	122.81	5.6	9,250	123.62	2.3
Murray	--	--	--	--	--	--
Russellville	66,503	69.32	10.2	29,490	117.74	2.3
Total Kentucky	104,385	88.73	7.8	49,827	111.66	2.3
Tennessee						
Springfield	34,186	79.74	8.6	17,618	75.82	2.6
Total type 35	138,571	86.51	7.4	67,445	102.30	2.4
Type 36--Green River						
Kentucky						
Owensboro	331,479	139.20	13.1	100,946	121.63	4.4
Type 37--Virginia sun-cured						
Virginia						
Farmville	--	--	--	15,328	19.57	10.5
Fire-cured mkts.	3,145	59.11	52.0	--	--	--
Total type 37	3,145	59.11	2.4	15,328	19.57	10.5

Table 11.--Average prices and loan rates at auction per 100 pounds, by group and grade 1/

Type 21 - Virginia fire-cured

Group and grade		1988 crop Season average	1988 crop Loan Rate	Group and grade		1988 crop Season average	1988 crop Loan Rate	Group and grade		1988 crop Season average	1988 crop Loan Rate
		Dollars				Dollars				Dollars	
Wrappers											
A1F	3	-	194	B4G	2	165	125	C4M	2	151	133
	2	-	194		1	-	115		1	144	127
A2F	3	-	186	B5G	3	-	114	C5M	3	-	112
	2	-	186		2	140	117		2	139	114
A1D	3	-	194		1	138	107		1	136	111
	2	-	194					C3G	3	-	129
A2D	3	-	186	Thin Leaf					2	-	130
	2	-	186	C1L	3	-	198		1	-	109
					2	-	199	C4G	3	147	115
Heavy Leaf				C2L	3	208	192		2	142	117
B1F	3	211	189		2	204	193		1	136	106
	2	214	189		1	-	184	C5G	3	136	107
B2F	3	187	183	C3L	3	181	167		2	135	110
	2	193	183		2	176	168		1	128	98
	1	-	179		1	-	166				
B3F	3	174	169	C4L	3	184	160	Lugs			
	2	173	169		2	168	161	X1L		-	134
	1	-	164		1	-	157	X2L		-	133
B4F	3	164	160	C5L	3	-	141	X3L		-	129
	2	166	161		2	153	142	X4L		144	126
	1	160	154		1	-	133	X5L	2/	-	114
B5F	3	-	140	C1F	3	228	198	X1F		-	134
	2	153	141		2	228	199	X2F		-	132
	1	147	137	C2F	3	208	192	X3F		-	129
B1D	3	-	183		2	202	193	X4F		149	126
	2	-	184		1	-	184	X5F	2/	144	114
B2D	3	-	175	C3F	3	178	167	X1D		-	129
	2	-	176		2	173	168	X2D		-	124
	1	-	168		1	-	166	X3D		-	120
B3D	3	-	164	C4F	3	167	160	X4D		-	110
	2	-	164		2	167	161	X5D	2/	-	98
	1	-	160		1	162	157	X3M		-	109
B4D	3	-	153	C5F	3	-	140	X3M 2		-	103
	2	160	153		2	153	141	X4M		139	93
	1	-	149		1	149	134	X4M 2		-	90
B5D	3	-	135	C2D	3	-	124	X5M	2/	128	70
	2	-	137		2	-	124	X5M 2	2/	124	65
	1	-	125		1	-	113	X3G		-	105
B3M	3	-	130	C3D	3	-	116	X3G 2		-	99
	2	-	132		2	-	118	X4G		138	88
	1	-	124		1	-	108	X4G 2		-	81
B4M	3	-	123	C4D	3	-	107	X5G	2/	125	68
	2	149	127		2	143	109	X5G 2	2/	121	64
	1	-	117		1	142	102				
B5M	3	-	116	C5D	3	-	97				
	2	143	119		2	129	98	Nondescript			
	1	-	106		1	120	93	N1L		98	0
B3G	3	-	127	C3M	3	-	134	N1D		83	0
	2	-	128		2	167	139	N1GL		98	0
	1	-	121		1	-	135	N1GD		94	0
B4G	3	-	120	C4M	3	154	127	N2		67	0

Continued

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Table 11.--Average prices and loan rates at auction per 100 pounds, by group and grade 1/ --Continued

Types 22 and 23 - Kentucky and Tennessee fire-cured

Group and grade	1988 crop Season average	1988 crop Loan rate	Group and grade	1988 crop Season average	1988 crop Loan rate	Group and grade	1988 crop Season average	1988 crop Loan rate
	Dollars			Dollars			Dollars	
Wrappers								
A1F 3	-	192	B5VF 3	-	102	C3M 3	-	133
2	-	192	2	117	102	2	156	133
A2F 3	-	187	1	-	93	1	-	124
2	-	187	B3G 3	-	131	C4M 3	-	120
A3F 3	-	182	2	-	131	2	143	120
2	-	182	1	-	124	1	-	109
A1D 3	-	192	B4G 3	-	113	C5M 3	-	99
2	-	192	2	148	113	2	110	99
A2D 3	-	187	1	-	105	1	-	96
2	-	187	B5G 3	-	94	C3VF 3	-	143
A3D 3	-	182	2	104	94	2	193	143
2	-	182	1	-	90	1	-	135
Heavy Leaf			Thin Leaf			C4VF 3	182	126
B1F 3	-	181	C1L 3	-	177	2	162	126
2	-	181	2	-	177	1	-	110
1	-	169	1	-	169	C5VF 3	-	102
B2F 3	-	177	C2L 3	-	172	2	122	102
2	240	177	2	-	172	1	-	93
1	-	165	1	-	165	C3G 3	-	128
B3F 3	225	172	C3L 3	-	162	2	-	128
2	221	172	2	195	162	1	-	118
1	-	159	1	-	154	C4G 3	140	105
B4F 3	183	162	C4L 3	-	149	2	141	105
2	193	162	2	164	149	1	-	101
1	-	145	1	-	144	C5G 3	121	87
B5F 3	-	147	C5L 3	-	139	2	106	87
2	-	147	2	146	139	1	106	83
1	-	134	1	-	133	Lugs		
B1D 3	-	178	C1F 3	-	181	X1L	-	137
2	-	178	2	-	181	X2L	-	133
1	-	167	1	-	169	X3L	-	120
B2D 3	-	173	C2F 3	223	177	X4L	-	106
2	-	173	2	228	177	X5L	-	99
1	-	159	1	-	165	X1F	-	138
B3D 3	-	168	C3F 3	226	172	X2F	-	135
2	-	168	2	222	172	X3F	-	123
1	-	146	1	-	159	X4F	-	112
B4D 3	-	153	C4F 3	202	162	X5F	-	101
2	179	153	2	201	162	X1D	-	138
1	-	140	1	-	145	X2D	-	127
B5D 3	-	143	C5F 3	-	143	X3D	-	116
2	-	143	2	174	143	X4D	-	102
1	-	129	1	-	134	X5D	-	87
B3M 3	-	133	C1D 3	-	178	X3M	-	92
2	144	133	2	-	178	X4M	-	72
1	-	124	1	-	167	X5M	76	52
B4M 3	-	120	C2D 3	-	173	X3VF	-	109
2	128	120	2	-	173	X4VF	127	85
1	-	109	1	-	159	X5VF	104	67
B5M 3	-	99	C3D 3	-	168	X3G	-	92
2	-	99	2	-	168	X4G	103	70
1	-	96	1	-	146	X5G	76	38
B3VF 3	-	143	C4D 3	-	153	Nondescript		
2	196	143	2	180	153	N1L	37	0
1	-	135	1	-	140	N1D	-	0
B4VF 3	-	126	C5D 3	-	143	N1GL	60	0
2	162	126	2	-	143	N1GX	51	0
1	-	110	1	-	129	N2	41	0

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Table 11.--Average prices and loan rates at auction per 100 pounds, by group and grade 1/ --Continued

Type 35 - One Sucker

Group and grade		1988 crop Season average	1988 crop Loan rate	Group and grade		1988 crop Season average	1988 crop Loan rate	Group and grade		1988 crop Season average	1988 crop Loan rate
		Dollars				Dollars				Dollars	
Wrappers											
A1F	3	-	177	B3M	3	-	125	C4R	3	-	140
	2	-	177		2	161	125		2	164	140
A2F	3	-	171		1	-	104		1	-	132
	2	-	171	B4M	3	-	95	C5R	3	-	120
A3F	3	-	165		2	144	95		2	138	120
	2	-	165		1	-	91		1	-	117
A1R	3	-	177	B5M	3	-	69	C3M	3	-	125
	2	-	177		2	93	69		2	159	125
A2R	3	-	171		1	-	67		1	-	104
	2	-	171	B3G	3	-	112	C4M	3	132	93
A3R	3	-	165		2	-	112		2	128	93
	2	-	165		1	-	108		1	-	90
				B4G	3	128	95	C5M	3	-	66
Heavy Leaf					2	113	95		2	84	66
B1F	3	-	166		1	-	91		1	71	64
	2	-	166	B5G	3	-	69	C3G	3	-	111
	1	-	157		2	89	69		2	127	111
B2F	3	-	161		1	-	67		1	-	107
	2	195	161					C4G	3	119	93
	1	-	151	Thin Leaf					2	117	93
B3F	3	186	156	C1L	3	-	164		1	102	90
	2	190	156		2	-	164	C5G	3	-	66
	1	-	144		1	-	156		2	80	66
B4F	3	175	142	C2L	3	-	159		1	68	64
	2	175	142		2	193	159				
	1	-	132		1	-	149	Lugs			
B5F	3	-	120	C3L	3	-	155	X1L		-	140
	2	138	120		2	189	155	X2L		-	136
	1	-	117		1	-	140	X3L		115	113
B1R	3	-	166	C4L	3	-	138	X4L		89	85
	2	-	166		2	166	138	X5L		-	0
	1	-	157		1	-	130	X1F		-	142
B2R	3	-	161	C5L	3	-	118	X2F		-	139
	2	-	161		2	128	118	X3F		131	116
	1	-	151		1	-	100	X4F		99	93
B3R	3	-	156	C1F	3	-	166	X5F		-	0
	2	-	156		2	-	166	X1R		-	142
	1	-	144		1	-	157	X2R		-	139
B4R	3	-	142	C2F	3	-	161	X3R		-	116
	2	163	142		2	195	161	X4R		-	93
	1	-	132		1	-	150	X5R		-	0
B5R	3	-	120	C3F	3	191	156	X3D		-	100
	2	-	120		2	192	156	X4D		-	71
	1	-	117		1	-	144	X5D		-	0
B1D	3	-	163	C4F	3	173	142	X3M		96	86
	2	-	163		2	174	142	X4M		72	64
	1	-	152		1	153	132	X5M		38	0
B2D	3	-	159	C5F	3	-	120	X3G		94	86
	2	-	159		2	138	120	X4G		62	55
	1	-	148		1	-	117	X5G		38	0
B3D	3	-	152	C1R	3	-	166				
	2	-	152		2	-	166				
	1	-	141		1	-	157	Nondescript			
B4D	3	-	136	C2R	3	-	161	N1L		30	0
	2	-	136		2	-	161	N2L		26	0
	1	-	131		1	-	150	N1R		35	0
B5D	3	-	114	C3R	3	-	156	N2R		-	0
	2	-	114		2	182	156	N1G		40	0
	1	-	112		1	-	144	N2G		33	0

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Continued

Table 11.--Average prices and loan rates at auction per 100 pounds, by group and grade 1/ --Continued

Type 36 - Green River

Group and grade		1988 crop Season average	1988 crop Loan rate	Group and grade		1988 crop Season average	1988 crop Loan rate	Group and grade		1988 crop Season average	1988 crop Loan rate
		Dollars				Dollars				Dollars	
Wrappers											
A1F	3	-	177	B3M	3	-	125	C4R	3	-	140
	2	-	177		2	-	125		2	163	140
A2F	3	-	171		1	-	104		1	146	132
	2	-	171	B4M	3	-	95	C5R	3	-	120
A3F	3	-	165		2	118	95		2	134	120
	2	-	165		1	121	91		1	-	117
A1R	3	-	177	B5M	3	-	69	C3M	3	-	125
	2	-	177		2	-	69		2	166	125
A2R	3	-	171		1	79	67		1	141	104
	2	-	171	B3G	3	-	112	C4M	3	-	93
A3R	3	-	165		2	157	112		2	128	93
	2	-	165		1	-	108		1	114	90
				B4G	3	-	95	C5M	3	-	66
Heavy Leaf					2	123	95		2	84	66
B1F	3	-	166		1	-	91		1	87	64
	2	201	166	B5G	3	-	69	C3G	3	-	111
	1	-	157		2	83	69		2	145	111
B2F	3	-	161		1	-	67		1	-	107
	2	197	161					C4G	3	-	93
	1	-	151	Thin Leaf					2	116	93
B3F	3	-	156	C1L	3	-	164		1	111	90
	2	184	156		2	210	164	C5G	3	-	66
	1	164	144		1	-	156		2	79	66
B4F	3	-	142	C2L	3	-	159		1	71	64
	2	166	142		2	197	159				
	1	148	132		1	-	149	Lugs			
B5F	3	-	120	C3L	3	-	155	X1L		-	140
	2	139	120		2	183	155	X2L		-	136
	1	127	117		1	-	140	X3L		-	113
B1R	3	-	166	C4L	3	-	138	X4L		95	85
	2	-	166		2	160	138	X5L		-	0
	1	-	157		1	155	130	X1F		-	142
B2R	3	-	161	C5L	3	-	118	X2F		-	139
	2	-	161		2	134	118	X3F		132	116
	1	-	151		1	-	100	X4F		110	93
B3R	3	-	156	C1F	3	-	166	X5F		-	0
	2	175	156		2	202	166	X1R		-	142
	1	-	144		1	-	157	X2R		-	139
B4R	3	-	142	C2F	3	-	161	X3R		-	116
	2	150	142		2	195	161	X4R		-	93
	1	-	132		1	-	150	X5R		-	0
B5R	3	-	120	C3F	3	192	156	X3D		-	100
	2	-	120		2	185	156	X4D		-	71
	1	-	117		1	164	144	X5D		-	0
B1D	3	-	163	C4F	3	-	142	X3M		94	86
	2	-	163		2	167	142	X4M		75	64
	1	-	152		1	149	132	X5M		39	0
B2D	3	-	159	C5F	3	-	120	X3G		99	86
	2	-	159		2	144	120	X4G		61	55
	1	-	148		1	126	117	X5G		36	0
B3D	3	-	152	C1R	3	-	166				
	2	-	152		2	-	166				
	1	-	141		1	-	157	Nondescript			
B4D	3	-	136	C2R	3	-	161	N1L		30	0
	2	-	136		2	-	161	N2L		30	0
	1	-	131		1	-	150	N1R		-	0
B5D	3	-	114	C3R	3	-	156	N2R		-	0
	2	-	114		2	185	156	N1G		41	0
	1	-	112		1	167	144	N2G		33	0

Continued

See footnotes on page 19.

Table 11.--Average prices and loan rates at auction per 100 pounds, by group and grade 1/ --Continued

Type 37 - Virginia sun-cured

Group and grade		1988 crop Season average	1988 crop Loan Rate	Group and grade		1988 crop Season average	1988 crop Loan Rate	Group and grade		1988 crop Season average	1988 crop Loan Rate
		Dollars				Dollars				Dollars	
Wrappers											
A1F	3	-	192	B3M	3	-	129	C4R	3	-	103
	2	-	195		2	-	132		2	112	106
A2F	3	-	183		1	-	130		1	-	104
	2	-	186	B4M	3	-	125	C5R	3	-	93
A3F	3	-	175		2	143	127		2	102	96
	2	-	178		1	-	125		1	-	93
A1R	3	-	192	B5M	3	-	115	C3M	3	-	134
	2	-	195		2	-	117		2	-	137
A2R	3	-	183		1	-	116		1	-	135
	2	-	186	B3G	3	-	125	C4M	3	-	129
A3R	3	-	175		2	-	129		2	145	131
	2	-	178		1	-	125		1	-	129
				B4G	3	-	123	C5M	3	-	115
Heavy Leaf					2	151	127		2	127	118
B1F	3	-	187		1	-	122		1	131	114
	2	-	189	B5G	3	-	113	C3G	3	-	121
	1	-	183		2	123	116		2	-	124
B2F	3	-	181		1	122	114		1	-	122
	2	-	184					C4G	3	-	115
	1	-	179	Thin Leaf					2	126	117
B3F	3	-	167	C1L	3	-	196		1	-	115
	2	174	170		2	-	199	C5G	3	-	107
	1	-	167		1	-	197		2	119	110
B4F	3	-	160	C2L	3	-	190		1	117	106
	2	165	163		2	-	193				
	1	-	160		1	-	191	Lugs			
B5F	3	-	141	C3L	3	-	165	X1L		-	134
	2	155	144		2	-	168	X2L		-	132
	1	159	142		1	-	166	X3L		-	128
B1R	3	-	187	C4L	3	-	158	X4L		-	125
	2	-	190		2	-	161	X5L		-	109
	1	-	183		1	-	159	X1F		-	134
B2R	3	-	181	C5L	3	-	141	X2F		-	132
	2	-	184		2	-	144	X3F		-	128
	1	-	182		1	-	142	X4F		137	125
B3R	3	-	167	C1F	3	-	196	X5F		-	109
	2	-	169		2	-	199	X1R		-	128
	1	-	168		1	-	197	X2R		-	125
B4R	3	-	159	C2F	3	-	190	X3R		-	122
	2	-	162		2	-	193	X4R		-	117
	1	-	160		1	-	190	X5R		-	105
B5R	3	-	140	C3F	3	-	165	X3D		-	120
	2	-	143		2	172	168	X4D		-	109
	1	-	141		1	-	166	X5D		-	97
B1D	3	-	186	C4F	3	-	160	X3M		-	110
	2	-	189		2	166	162	X4M		119	93
	1	-	183		1	-	157	X5M		108	70
B2D	3	-	181	C5F	3	-	141	X3G		-	105
	2	-	184		2	156	144	X4G		96	88
	1	-	182		1	-	142	X5G		93	68
B3D	3	-	167	C1R	3	-	136				
	2	-	169		2	-	139				
	1	-	168		1	-	137	Nondescript			
B4D	3	-	159	C2R	3	-	121	N1L		65	0
	2	-	162		2	-	124	N2L		-	0
	1	-	159		1	-	122	N1R		62	0
B5D	3	-	140	C3R	3	-	114	N2R		-	0
	2	-	144		2	-	117	N1G		76	0
	1	-	141		1	-	115	N2G		35	0

1/ Grade averages are based on auction sales, including purchases at loan rates. Dashes indicate that less than 10 lots were recorded for the season.
2/ These grades supported 10 cents lower than the stated rate if marketed in untied form.

Table 12.--Percentage of gross auction sales, by group, type and crop year

Crop year	A Wrappers	B Heavy leaf	C Thin leaf	T Tips	X Lugs	N Nondescript	Misc. 1/
				Type 21			
1984	-	16.2	55.2	NA	13.9	11.8	2.9
1985	-	26.1	43.3	NA	17.2	11.2	2.2
1986	-	18.4	56.2	NA	17.6	7.2	.6
1987	-	8.9	62.6	NA	16.6	11.1	.8
1988	-	11.1	63.9	NA	15.7	8.4	.9
				Types 22 & 23			
1984	.4	17.7	57.9	NA	21.6	2.0	.4
1985	.2	23.4	47.6	NA	22.0	5.5	1.3
1986	.2	27.2	48.2	NA	18.5	3.2	2.7
1987	-	22.1	55.0	NA	16.5	5.9	.5
1988	.1	16.7	51.2	NA	16.9	10.6	4.5
				Types 35			
1984	1.0	17.2	52.0	.1	18.8	3.4	7.5
1985	.1	26.5	39.5	-	20.6	3.9	9.4
1986	-	23.9	44.4	NA	20.6	3.8	7.3
1987	.3	22.4	47.6	NA	19.2	8.7	1.8
1988	.2	23.0	49.6	NA	16.1	8.0	3.1
				Type 36			
1984	-	8.4	61.2	2.6	16.0	9.5	2.3
1985	-	7.2	64.9	3.1	16.1	5.3	3.4
1986	-	18.9	53.4	NA	13.5	5.5	8.8
1987	-	9.9	66.6	NA	13.7	9.2	.6
1988	-	15.4	64.5	NA	12.1	5.0	3.0
				Type 37			
1984	-	23.9	35.0	-	23.3	11.2	6.6
1985	-	28.6	21.5	.2	23.6	15.3	10.8
1986	-	31.5	44.1	NA	10.9	11.7	1.9
1987	-	8.1	44.9	NA	16.6	25.4	5.0
1988	-	26.8	36.4	NA	24.1	12.0	.7

Table 13.--Percentage of gross auction sales, by quality, type and crop year

Crop year	1 Choice	2 Fine	3 Good	4 Fair	5 Low	Nondescript	Misc. 1/
				Type 21			
1984	.5	2.2	10.1	34.9	37.8	11.8	2.7
1985	.6	1.7	9.1	32.8	42.4	11.2	2.2
1986	.4	1.6	8.6	34.4	47.3	7.2	.6
1987	.6	1.1	7.1	36.8	42.5	11.1	.8
1988	.7	1.9	10.8	39.5	37.8	8.4	.9
				Types 22 & 23			
1984	.5	4.4	26.9	46.5	19.2	2.0	.5
1985	.6	4.9	23.9	41.4	22.4	5.5	1.3
1986	.5	6.2	29.0	40.7	17.8	3.2	2.7
1987	.4	3.3	23.3	48.6	18.0	5.9	.5
1988	.3	2.8	14.0	45.4	22.4	10.6	4.5
				Type 35			
1984	1.3	6.6	26.9	39.5	14.8	3.4	7.5
1985	1.6	5.5	21.6	39.9	18.1	3.9	9.4
1986	.2	1.7	26.6	45.1	15.4	3.8	7.3
1987	.2	2.6	20.5	47.4	18.8	8.7	1.8
1988	.2	4.4	23.5	45.8	14.9	8.0	3.2

Continued

See footnotes on page 21.

Table 13.--Percentage of gross auction sales, by quality, type and crop year--Continued

Crop year	1 Choice	2 Fine	3 Good	4 Fair	5 Low	Nondescript	Misc. 1/
				Type 36			
1984	.1	4.3	23.7	45.1	14.9	9.5	2.4
1985	.8	5.1	20.3	43.3	21.8	5.3	3.4
1986	1.1	4.0	22.6	41.1	17.1	5.5	8.8
1987	.3	1.1	19.1	50.9	18.8	9.2	.6
1988	1.3	4.8	26.2	48.0	11.7	5.0	3.0
				Type 37			
1984	-	.3	4.4	28.6	48.9	11.2	6.6
1985	-	-	1.7	31.6	40.6	15.3	10.8
1986	-	.3	8.2	33.2	44.7	11.7	1.9
1987	-	-	1.0	20.9	47.7	25.4	5.0
1988	-	-	5.7	34.9	46.7	12.0	.7

Table 14.--Percentage of gross auction sales, by color, type and crop year

Crop year	L	VF	F	R	D	M	G	Non.	Misc. 1/
					Type 21				
1984	2.5	NA	30.3	NA	5.8	33.6	13.2	11.8	2.8
1985	1.0	NA	36.9	NA	10.0	22.7	16.0	11.2	2.2
1986	2.0	NA	41.5	NA	9.1	18.6	21.0	7.2	.6
1987	4.1	NA	36.9	NA	1.5	28.4	17.2	11.1	.8
1988	4.4	NA	44.8	NA	4.5	26.9	10.1	8.4	.9
					Types 22 & 23				
1984	1.4	20.9	45.0	NA	6.1	4.3	19.7	2.0	.6
1985	1.4	15.2	47.5	NA	7.1	2.2	19.8	5.5	1.3
1986	1.4	19.7	45.1	NA	12.4	3.9	11.6	3.2	2.7
1987	2.8	36.6	4.4	NA	4.6	22.0	23.2	5.9	.5
1988	4.2	16.6	26.4	NA	2.4	7.8	27.5	10.6	4.5
					Type 35				
1984	2.2	NA	49.5	10.7	-	7.4	19.4	3.4	7.4
1985	2.0	NA	45.4	13.0	.1	6.5	19.7	3.9	9.4
1986	2.3	NA	41.9	15.4	.2	10.6	18.5	3.8	7.3
1987	2.9	NA	32.5	4.2	-	17.9	32.0	8.7	1.8
1988	3.5	NA	45.4	4.2	-	9.3	26.4	8.0	3.2
					Type 36				
1984	.9	NA	28.5	32.0	.3	12.3	14.2	9.5	2.3
1985	2.3	NA	32.2	18.0	.1	14.8	23.9	5.3	3.4
1986	4.1	NA	36.3	18.6	-	13.8	12.9	5.5	8.8
1987	3.8	NA	23.6	2.5	-	32.6	27.7	9.2	.6
1988	6.0	NA	46.6	3.2	-	12.7	23.5	5.0	3.0
					Type 37				
1984	.1	NA	20.8	1.0	.4	33.0	27.0	11.2	6.5
1985	.4	NA	26.2	12.7	-	11.1	23.5	15.3	10.8
1986	.3	NA	38.6	8.8	.6	9.3	28.9	11.7	1.9
1987	1.7	NA	15.8	1.4	-	27.4	23.3	25.4	5.0
1988	.6	NA	34.6	3.4	-	22.5	26.2	12.0	.7

1/ Includes No-G, Wet (W) and Unsound (U). See pages 5 and 6 for key to standard grade marks.
NA - not applicable.

Table 15.--Percentage distribution, by grades, for fire-cured tobacco type 21, 1988 crop

Group and grade	Crop of 1988	Group and grade	Crop of 1988	Group and grade	Crop of 1988	Group and grade	Crop of 1988
Wrappers							
A1F 3	--	B3M 1	--	C4F 2	16.836	X4L	.120
2	--	B4M 3	--	1	.213	X5L	.014
A2F 3	--	2	.258	C5F 3	.053	Total XL	.147
2	--	1	.002	2	8.222	X1F	--
Total AF	--	B5M 3	--	1	.529	X2F	--
A1D 3	--	2	.073	Total CF	34.515	X3F	.032
2	--	1	.030	C2D 3	--	X4F	.476
A2D 3	--	Total BM	.411	2	--	X5F	.179
2	--	B3G 3	--	1	--	Total XF	.687
Total AD	--	2	--	C3D 3	--	X1D	--
Total A	--	1	--	2	--	X2D	--
Heavy Leaf		B4G 3	.028	1	--	X3D	--
B1F 3	.102	2	.320	C4D 3	.038	X4D	.020
2	.238	1	.023	2	1.278	X5D	.044
B2F 3	.067	B5G 3	.007	1	.056	Total XD	.064
2	.442	2	.220	C5D 3	.035	X3M	--
1	--	1	.117	2	2.358	X3M 2	--
B3F 3	.361	Total BG	.715	1	.278	X4M	3.327
2	2.361	Total B	11.103	Total CD	4.043	X4M 2	.028
1	.007	Thin Leaf		C3M 3	.019	X5M	6.835
B4F 3	.115	C1L 3	.006	2	.109	X5M 2	.154
2	4.564	2	.015	1	--	Total XM	10.344
1	.081	C2L 3	.061	C4M 3	.073	X3G	--
B5F 3	.023	2	.099	2	6.165	X3G 2	--
2	.979	1	--	1	.282	X4G	.699
1	.228	C3L 3	.051	C5M 3	.037	X4G 2	--
Total BF	9.568	2	1.012	2	8.355	X5G	3.628
B1D 3	--	1	--	1	1.111	X5G 2	.083
2	--	C4L 3	.071	Total CM	16.151	Total XG	4.410
B2D 3	.008	2	2.157	C3G 3	--	Total X	15.652
2	.009	1	.006	2	.035		
1	--	C5L 3	.001	1	--	Nondescript	
B3D 3	.025	2	.806	C4G 3	.048	N1L	1.321
2	.044	1	.010	2	1.382	N1D	1.764
1	--	Total CL	4.295	1	.115	N1GL	2.432
B4D 3	.005	C1F 3	.099	C5G 3	.092	N1GD	1.868
2	.264	2	.256	2	2.828	N2	.993
1	--	C2F 3	.188	1	.425	Total N	8.378
B5D 3	--	2	1.007	Total CG	4.925	No-G	.582
2	.026	1	--	Total C	63.929	"W"	.254
1	.028	C3F 3	.401	Lugs		"U"	.102
Total BD	.409	2	6.283	X1L			
B3M 3	.038	1	--	X2L	--	Grand	
2	.010	C4F 3	.428	X3L	.013	total	100.000

Table 16.--Percentage distribution, by grade, for fire-cured tobacco types 22 and 23, 1988 crop

Group and grade		Crop of 1988
Wrappers		
A1F	3	--
	2	.095
A2F	3	--
	2	--
A3F	3	--
	2	--
Total AF		.095
A1D	3	--
	2	--
A2D	3	--
	2	--
A3D	3	--
	2	--
Total AD		--
Total A		.095
Heavy Leaf		
B1F	3	--
	2	.067
	1	--
B2F	3	.225
	2	.589
	1	--
B3F	3	.475
	2	2.469
	1	--
B4F	3	.782
	2	4.038
	1	--
B5F	3	--
	2	.139
	1	--
Total BF		8.784
B3VF	3	.251
	2	.385
	1	--
B4VF	3	.031
	2	1.345
	1	--
B5VF	3	.102
	2	.523
	1	.012
Total BVF		2.649
B1D	3	--
	2	--
	1	--
B2D	3	--
	2	--
	1	--
B3D	3	--
	2	--
	1	--
B4D	3	.065
	2	.272
	1	--
B5D	3	--
	2	.013
	1	--
Total BD		.350
B3M	3	--
	2	.682
	1	.024
B4M	3	.072
	2	.629
	1	--
B5M	3	.232
	2	.119
	1	--
Total BM		1.758
B3G	3	--
	2	.021
	1	--
B4G	3	.361
	2	1.809
	1	--
B5G	3	.016
	2	.906
	1	--
Total BG		3.113
Total B		16.654
Thin Leaf		
C1L	3	--
	2	--
	1	--
C2L	3	--
	2	.406
	1	--
C3L	3	.190
	2	.951
	1	--
C4L	3	.066
	2	2.263
	1	.018
C5L	3	--
	2	.182
	1	--
Total CL		4.076
C1F	3	--
	2	.083
	1	--
C2F	3	.334
	2	1.032
	1	.015
C3F	3	.604
	2	4.499
	1	.026
C4F	3	1.241
	2	7.012
	1	.056
C5F	3	--
	2	1.390
	1	.440
Total CF		16.732
C3VF	3	.164
	2	1.556
	1	.045
C4VF	3	1.031
	2	5.946
	1	.256
C5VF	3	--
	2	1.143
	1	--
Total CVF		10.141
C1D	3	--
	2	--
	1	--
C2D	3	--
	2	--
	1	--
C3D	3	.032
	2	.216
	1	--
C4D	3	.016
	2	1.045
	1	.013
C5D	3	--
	2	.363
	1	--
Total CD		1.685
C3M	3	--
	2	.618
	1	--
C4M	3	.015
	2	2.728
	1	.204
C5M	3	.169
	2	.956
	1	.018
Total CM		4.708
C3G	3	.050
	2	.409
	1	--
C4G	3	.425
	2	4.895
	1	.060
C5G	3	.972
	2	4.984
	1	.223
Total CG		12.018
Total C		49.360
Lugs		
X1L		--
X2L		--
X3L		--
X4L		.017
X5L		.121
Total XL		.138
X1F		.039
X2F		.166
X3F		.112
X4F		.068
X5F		.433
Total XF		.818
X1D		--
X2D		--
X3D		--
X4D		--
X5D		.319
Total XD		.319
X3M		--
X4M		.163
X5M		.433
Total XM		.596
X3VF		.275
X4VF		2.647
X5VF		.381
Total XVF		3.303
X3G		--
X4G		4.624
X5G		6.313
Total XG		10.937
Total X		16.111
Nondescript		
N1L		.475
N1D		.309
N1GL		2.859
N1GX		4.005
N2		2.723
Total N		10.371
No-G		2.995
"W"		1.335
"U"		.162
Semi-Fired		
B4M2SF		.038
B4G3SF		.035
C4L2SF		.030
C4M2SF		.254
C5M2SF		.293
C4VF2SF		.478
C4G3SF		.097
C4G2SF		.197
C4G1SF		.039
C5G3SF		.168
C5G2SF		.249
C5G1SF		.022
X5DSF		.014
X5MSF		.102
X5GSF		.626
N1GLSF		.100
N1GXSF		.064
N2SF		.111
Total Semi-Fired		2.917
Grand total		100.000

Table 17.--Percentage distribution, by grade, for dark air-cured tobacco type 35, 1988 crop

Group and grade	Crop of 1988	Group and grade	Crop of 1988	Group and grade	Crop of 1988	Group and grade	Crop of 1988
Wrappers							
A1F 3	--	B2D 3	--	C1F 3	--	Total CG	12.288
2	--	2	--	2	.083	Total C	49.582
A2F 3	--	1	--	1	--	Lugs	
2	.102	B3D 3	--	C2F 3	--	X1L	--
A3F 3	.043	2	--	2	2.417	X2L	--
2	.034	1	--	1	--	X3L	.172
Total AF	.179	B4D 3	--	C3F 3	.506	X4L	.118
A1R 3	--	2	.023	2	9.211	X5L	.031
2	--	1	--	1	.011	Total XL	.321
A2R 3	--	B5D 3	--	C4F 3	.794	X1F	.020
2	--	2	.011	2	10.443	X2F	.002
A3R 3	--	1	--	1	.170	X3F	.419
2	--	Total BD	.034	C5F 3	.024	X4F	.742
Total AR	--	B3M 3	--	2	1.675	X5F	.030
Total A	.179	2	.193	1	.029	Total XF	1.213
Heavy Leaf		1	--	Total CF	25.363	X1R	--
B1F 3	--	B4M 3	.011	C1R 3	--	X2R	--
2	.075	2	.745	2	--	X3R	.022
1	--	1	--	1	--	X4R	.129
B2F 3	.049	B5M 3	.028	C2R 3	--	X5R	.027
2	1.603	2	.164	2	.107	Total XR	.178
1	--	1	.005	1	--	X3D	--
B3F 3	.389	Total BM	1.146	C3R 3	.027	X4D	--
2	8.308	B3G 3	--	2	1.005	X5D	--
1	--	2	.055	1	.013	Total XD	--
B4F 3	.539	1	--	C4R 3	--	X3M	.295
2	6.981	B4G 3	.295	2	1.883	X4M	1.968
1	.055	2	1.283	1	.044	X5M	.684
B5F 3	--	1	--	C5R 3	.011	Total XM	2.947
2	.615	B5G 3	.028	2	.380	X3G	.247
1	.029	2	.973	1	.025	X4G	7.588
Total BF	18.643	1	.010	Total CR	3.495	X5G	3.620
B1R 3	--	Total BG	2.644	C3M 3	.075	Total XG	11.455
2	--	Total B	22.969	2	.319	Total X	16.114
1	--	Thin Leaf		1	.011		
B2R 3	--	C1L 3	--	C4M 3	.119	Nondescript	
2	--	2	--	2	3.721	N1L	.164
1	--	1	--	1	.098	N2L	.058
B3R 3	--	C2L 3	--	C5M 3	.001	N1R	.164
2	.028	2	.159	2	.829	N2R	--
1	--	1	--	1	.085	N1G	5.629
B4R 3	--	C3L 3	--	Total CM	5.258	N2G	1.978
2	.324	2	1.487	C3G 3	.026	Total N	7.993
1	--	1	--	2	.623		
B5R 3	--	C4L 3	.055	1	.004	No-G	1.709
2	.137	2	1.292	C4G 3	.266	"W"	1.164
1	.013	1	.025	2	5.971	"U"	.290
Total BR	.502	C5L 3	--	1	.141		
B1D 3	--	2	.149	C5G 3	.073		
2	--	1	.011	2	5.127	Grand total	100.000
1	--	Total CL	3.178	1	.057		

Table 18.--Percentage distribution, by grade, for dark air-cured tobacco type 36, 1988 crop

Group and grade	Crop of 1988
Wrappers	
A1F 3	--
2	--
A2F 3	--
2	--
A3F 3	--
2	--
Total AF	--
A1R 3	--
2	--
A2R 3	--
2	--
A3R 3	--
2	--
Total AR	--
Total A	--
Heavy Leaf	
B1F 3	.253
2	--
1	--
B2F 3	.115
2	1.200
1	.020
B3F 3	.083
2	5.329
1	.467
B4F 3	.100
2	3.335
1	.635
B5F 3	--
2	.225
1	.119
Total BF	11.881
B1R 3	--
2	--
1	--
B2R 3	--
2	--
1	--
B3R 3	.024
2	.286
1	--
B4R 3	.027
2	.206
1	.030
B5R 3	--
2	.012
1	.005
Total BR	.590
B1D 3	--
2	--
1	--

Group and grade	Crop of 1988
B2D 3	--
2	--
1	--
B3D 3	--
2	--
1	--
B4D 3	--
2	--
1	--
B5D 3	--
2	--
1	--
Total BD	--
B3M 3	--
2	.138
1	.020
B4M 3	.058
2	.603
1	.413
B5M 3	--
2	.076
1	.133
Total BM	1.441
B3G 3	--
2	.311
1	.002
B4G 3	.128
2	.722
1	.049
B5G 3	.023
2	.247
1	.020
Total BG	1.502
Total B	15.414
Thin Leaf	
C1L 3	--
2	.261
1	.021
C2L 3	--
2	.556
1	--
C3L 3	.039
2	2.162
1	.022
C4L 3	.004
2	2.439
1	.218
C5L 3	--
2	.202
1	.003
Total CL	5.927

Group and grade	Crop of 1988
C1F 3	--
2	.736
1	.013
C2F 3	--
2	2.856
1	.052
C3F 3	.138
2	12.888
1	.410
C4F 3	.009
2	13.485
1	1.485
C5F 3	--
2	1.660
1	.158
Total CF	33.890
C1R 3	--
2	--
1	--
C2R 3	--
2	--
1	--
C3R 3	.010
2	.759
1	.206
C4R 3	--
2	1.165
1	.211
C5R 3	--
2	.195
1	.031
Total CR	2.577
C3M 3	.012
2	.779
1	.100
C4M 3	.044
2	5.991
1	.847
C5M 3	.002
2	.935
1	.409
Total CM	9.119
C3G 3	.044
2	.923
1	.029
C4G 3	.098
2	7.463
1	.459
C5G 3	.024
2	3.709
1	.250

Group and grade	Crop of 1988
Total CG	12.999
Total C	64.512
Lugs	
X1L	--
X2L	--
X3L	.009
X4L	.069
X5L	.007
Total XL	.085
X1F	--
X2F	.008
X3F	.263
X4F	.501
X5F	.037
Total XF	.809
X1R	--
X2R	--
X3R	--
X4R	.003
X5R	.003
Total XR	.006
X3D	--
X4D	--
X5D	--
Total XD	--
X3M	.091
X4M	1.550
X5M	.485
Total XM	2.126
X3G	.603
X4G	5.651
X5G	2.773
Total XG	9.027
Total X	12.053
Nondescript	
N1L	.064
N2L	.065
N1R	.071
N2R	--
N1G	3.077
N2G	1.703
Total N	4.980
NO-G	2.135
"W"	.701
"U"	.205
Grand total	100.000

Table 19.--Percentage distribution, by grades, for dark air-cured tobacco type 37, 1988 crop

Group and grade	Crop of 1988	Group and grade	Crop of 1988	Group and grade	Crop of 1988	Group and grade	Crop of 1988
Wrappers							
A1F 3	--	B1D 1	--	C5L 1	--	C5G 2	6.991
2	--	B2D 3	--	Total CL	.239	1	1.603
A2F 3	--	2	--	C1F 3	--	Total CG	9.869
2	--	1	--	2	--	Total C	36.352
A3F 3	--	B3D 3	--	1	--	Lugs	
2	--	2	--	C2F 3	--	X1L	--
Total AF	--	1	--	2	--	X2L	--
A1R 3	--	B4D 3	--	1	--	X3L	--
2	--	2	--	C3F 3	--	X4L	.364
A2R 3	--	1	--	2	1.543	X5L	--
2	--	B5D 3	--	1	--	Total XL	.364
A3R 3	--	2	--	C4F 3	--	X1F	--
2	--	1	--	2	4.425	X2F	--
Total AR	--	Total BD	--	1	.555	X3F	--
Total A	-	B3M 3	--	C5F 3	--	X4F	.870
		2	--	2	6.162	X5F	--
Heavy Leaf		1	--	1	.207	Total XF	.870
B1F 3	--	B4M 3	--	Total CF	12.892	X1R	--
2	--	2	1.434	C1R 3	--	X2R	--
1	--	1	--	2	--	X3R	--
B2F 3	--	B5M 3	--	1	--	X4R	--
2	0.044	2	.107	C2R 3	--	X5R	--
1	--	1	--	2	--	Total XR	--
B3F 3	.362	Total BM	1.541	1	--	X3D	--
2	3.286	B3G 3	--	C3R 3	--	X4D	--
1	--	2	--	2	--	X5D	--
B4F 3	.515	1	--	1	--	Total XD	--
2	10.122	B4G 3	--	C4R 3	--	X3M	--
1	.153	2	1.318	2	1.213	X4M	6.256
B5F 3	--	1	.128	1	--	X5M	4.684
2	5.098	B5G 3	--	C5R 3	--	Total XM	10.940
1	1.258	2	1.797	2	1.980	X3G	--
Total BF	20.838	1	1.116	1	.097	X4G	1.725
B1R 3	--	Total BG	4.359	Total CR	3.290	X5G	10.170
2	--	Total B	26.836	C3M 3	--	Total XG	11.895
1	--			2	.358	Total X	24.069
B2R 3	--	Thin Leaf		1	--		
2	--	C1L 3	--	C4M 3	--	Nondescript	
1	--	2	--	2	3.566	N1L	3.028
B3R 3	--	1	--	1	.703	N2L	.841
2	--	C2L 3	--	C5M 3	--	N1R	1.152
1	--	2	--	2	3.151	N2R	.061
B4R 3	.022	1	--	1	2.284	N1G	3.120
2	.076	C3L 3	--	Total CM	10.062	N2G	3.765
1	--	2	.118	C3G 3	--	Total N	11.967
B5R 3	--	1	--	2	--	No-G	.694
2	--	C4L 3	--	1	--	"W"	.082
1	--	2	--	C4G 3	--	"U"	--
Total BR	.098	1	.121	2	1.275		
B1D 3	--	C5L 3	--	1	--	Grand	
2	--	2	--	C5G 3	--	total	100.000

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