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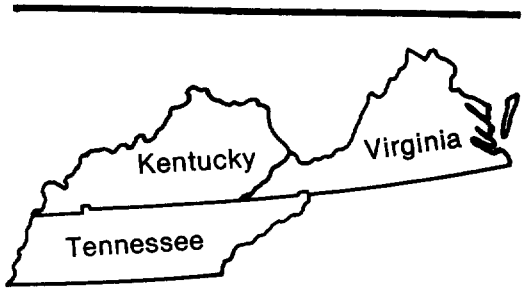
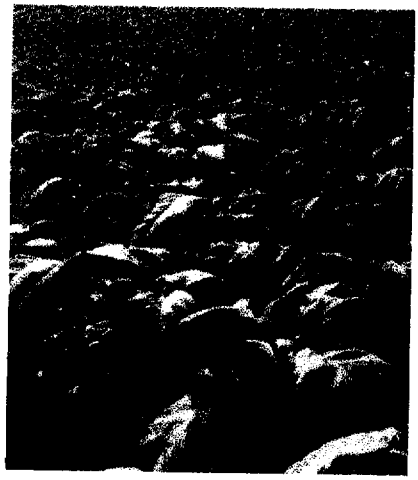
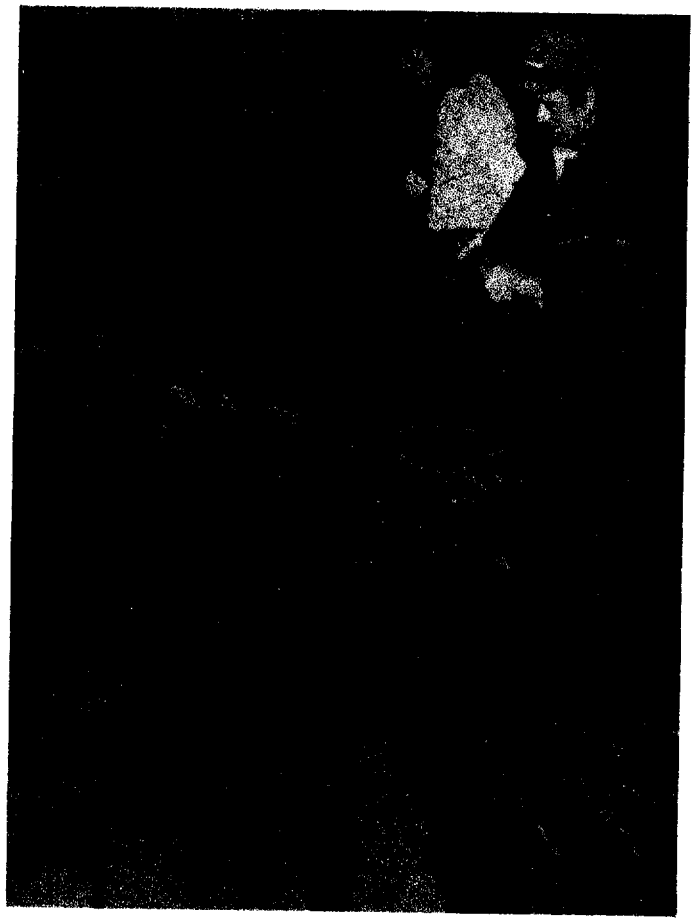
Tobacco Market Review

Fire-Cured and Dark Air-Cured, 1987 Crop







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Sources:

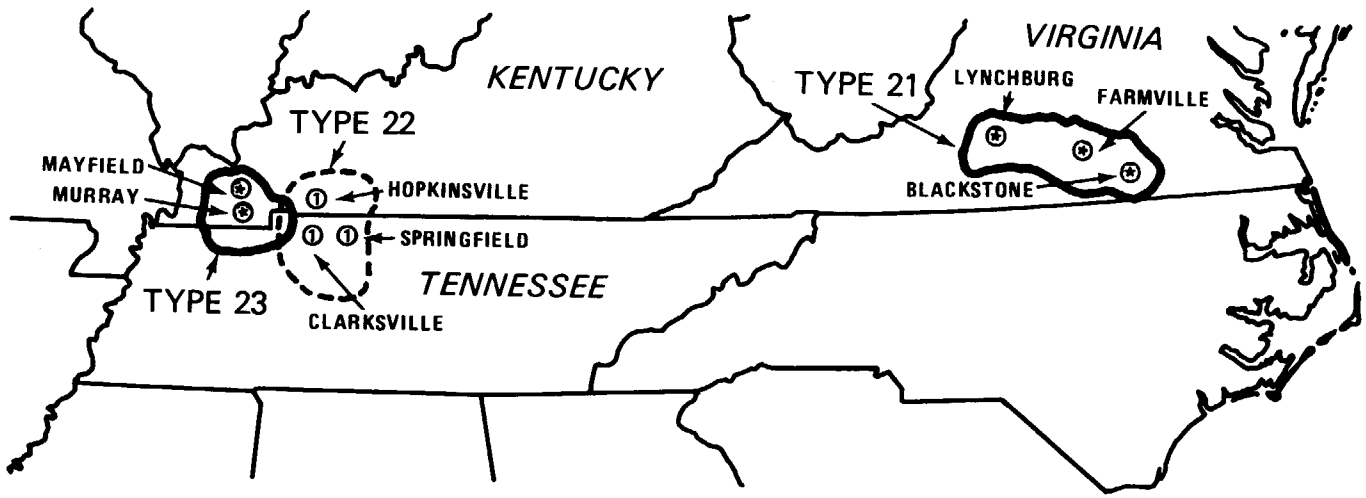
The statistics on sales and markets in this review are compiled from data obtained directly from markets and trade sources. The data on prices by grades are based on compilation of information recorded from warehouse sales tickets of markets in the fire-cured and dark air-cured areas.

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



2 SETS OF BUYERS IN TYPE 21.

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

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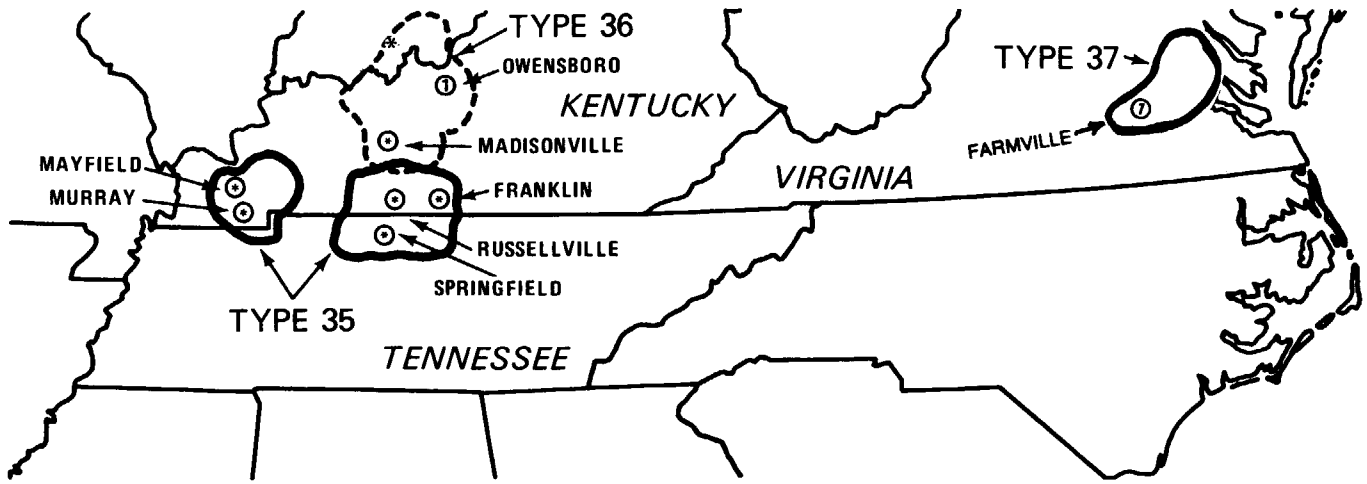
DARK AIR-CURED TOBACCO
AUCTION MARKETS AND PRODUCING AREAS



⊙ 2 SETS OF BUYERS ROTATE AMONG TYPE 35 MARKETS, OWENSBORO AND MADISONVILLE SHARE A SET OF BUYERS.

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

USDA

NEG. AMS-638-83(4) AGRICULTURAL MARKETING SERVICE

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: Western district fire-cured --produced in a section between the Tennessee, Ohio, and Mississippi Rivers in western Kentucky and northwestern Tennessee.

Key to Standard Grade Marks

Group

A - wrappers
B - heavy leaf
C - thin leaf
X - lugs
N - nondescript
S - scrap

Qualities

1 - choice
2 - fine
3 - good
4 - fair
5 - low

Colors

L - light brown
F - medium brown
D - dark brown
M - mixed or variegated
VF - greenish medium brown 1/
G - green

Sizes

Inches	Size
Over 28	3
20-28	2
12-20	1

Summary of Standard Grades

Wrappers

A1F	A1D
A2F	A2D
A3F 1/	A3D 1/

Heavy leaf

B1F	B1D			
B2F	B2D			
B3F	B3D	B3M	B3VF 1/	B3G
B4F	B4D	B4M	B4VF 1/	B4G
B5F	B5D	B5M	B5VF 1/	B5G

Thin leaf

C1L	C1F	C1D 1/			
C2L	C2F	C2D			
C3L	C3F	C3D	C3M	C3VF 1/	C3G
C4L	C4F	C4D	C4M	C4VF 1/	C4G
C5L	C5F	C5D	C5M	C5VF 1/	C5G

Lugs

X1L	X1F	X1D			
X2L	X2F	X2D			
X3L	X3F	X3D	X3M	X3VF 1/	X3G
X4L	X4F	X4D	X4M	X4VF 1/	X4G
X5L	X5F	X5D	X5M	X5VF 1/	X5G

Nondescript

N1L N1D N1GL
N1GD 2/ N1GX 1/ N2

Scrap

S

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

Applicable U.S. Standard Sizes

Type 21

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

Types 22 and 23

A1 - A2 - A3	3, 2
B1 - B2 - B3 - B4 - B5	3, 2, 1
C1 - C2 - C3 - C4 - C5	3, 2, 1

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
A - wrappers	1 - choice	L - light brown	
B - heavy leaf	2 - fine	F - medium brown	
C - thin leaf	3 - good	R - reddish brown	
X - lugs	4 - fair	D - dark brown	
N - nondescript	5 - low	M - mixed	
		G - green	

Inches	Size
Over 28	3
20-28	2
12-20	1

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	
A1 - A2 - A3	3, 2
B1 - B2 - B3 - B4 - B5	3, 2, 1
C1 - C2 - C3 - C4 - C5	3, 2, 1

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

Review of the 1987/88 Marketing Season

Virginia Fire-Cured - Type 21

A good demand for pre-Christmas sales helped set a record high average for the 1987 crop of Virginia fire-cured tobacco. Most grade averages were above levels of the 1986 crop, and much less tobacco was placed under loan. However, both total volume and total value continued to decline, and unfavorable weather during the growing season had an adverse effect on quality. Gross sales for 1987 of 2,617,782 pounds averaged $130.62, up three cents from the previous record average of $130.59 per hundred set for the 1981 crop. Total value of $3.4 million was down 26.1 percent from last year while volume declined 27.5 percent. Gains in grade averages were shown in all groups with the largest increases of $17 to $33 per hundred recorded for nondescript offerings. Less heavy leaf was sold this season with more thin leaf and nondescript. Also, less medium brown and dark brown tobacco was sold with much more mixed or variegated offerings.

Kentucky-Tennessee Fire-Cured - Types 22-23

Volume at auction dropped considerably compared with the 1986 crop. This was due mainly to a forty percent cut in acreage. Prices improved for most grades this season but quality of offerings was lower than last year. The percentage placed under loan decreased slightly. Gross auction sales totaled 17.0 million pounds averaging $139.62 per hundred - down $2.42 from last season. Country sales amounted to about 8.5 million pounds averaging $179.81 per hundred. Averages improved for around three fourths of the grades. The few losses centered on nondescript, green and greenish marketings. Averages ranged from $205 to $27 per hundred. More tobacco was classified as green, greenish and mixed this season, making up around 53 percent of volume. Less medium brown and dark brown appeared at auction. The Eastern and Western Dark-Fired Tobacco Growers Association received 4.7 million pounds or 27.5 percent of sales.

One Sucker - Type 35

Volume of sales at auction for the 1987-88 season was the lowest on record. A reduction in acreage of about one third was the main cause of the lower volume. Quality declined from last season but grade averages improved in most cases. The percentage placed under loan decreased by just over 50 percent. Gross auction sales totaled 2.8 million pounds averaging $121.14 per hundred - up $2.41 from last season. Country purchases totaled 1.1 million pounds averaging $144.66. Top average recorded was $185 for some choice and fine leaf and the lowest $22 for grade N2G. The percentage of nondescript and thin leaf increased while a decrease was noted in lugs and heavy leaf. Fair and low quality dominated sales while less good appeared for auction. From a color standpoint, a larger percentage of sales was classified as green and mixed with less brown. Loan receipts amounted to 15.4 percent of sales compared to 34.4 percent last season.

Green River - Type 36

Auctions were held at only Owensboro, KY during the 1987-88 marketing season. Madisonville, which sold last season, did not open this year. Grade averages improved this year but quality was considerably lower than last season. Due chiefly to a substantial cut in allowable acreage, volume was the lightest in history for this type. Loan receipts increased slightly and accounted for 27.5 percent of sales. Gross sales totaled 2.3 million pounds and averaged $114.37 per hundred - down 98 cents from last season. Around 80 percent of the grades registered gains over last season. The few losses centered on green and nondescript marketings. Averages ranged from around $20 for most nondescript to $171 for grade C1L2. The percentage of tobacco designated as green and mixed color increased to about 62 percent of sales.

Virginia Sun-Cured - Type 37

Both total volume and total value declined for the 1987 crop of Virginia sun-cured tobacco. Demand was light with a significant proportion of sales placed under loan. Prices by grades were generally higher than for the 1986 crop, but quality was not as good. Gross sales of 145,550 pounds averaged $93.77 - down $30.34 per hundred from 1986. Total volume was down 13.9 percent with total value of $136,477 down 35.0 percent. The few grade averages established were mainly $4 to $9 above 1986 levels. Quality was down sharply, due mainly to poor weather during the growing season. Approximately 23.4 percent was placed under loan this season.

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

Type and State	Area harvested 1987	Area harvested 1986	Yield 1987	Yield 1986	Production 1987	Production 1986
	Acres		Pounds		1,000 Pounds	
Type 21						
Virginia	2,600	2,800	1,000	1,100	2,600	3,080
Types 22-23						
Kentucky	5,300	9,000	2,260	1,877	11,959	16,865
Tennessee	5,960	10,130	2,260	1,800	13,016	18,234
Total	11,260	19,130	2,260	1,835	24,975	35,099
Type 35						
Kentucky	1,900	3,200	1,940	1,900	3,686	6,080
Tennessee	480	800	2,000	1,750	960	1,400
Total	2,380	4,000	1,952	1,870	4,646	7,480
Type 36						
Kentucky	1,100	1,900	2,000	1,900	2,200	3,610
Type 37						
Virginia	130	130	1,000	1,100	130	143

1/ Data taken from "Crop Production," Crop Reporting Board, Statistical Reporting Service, USDA. May 1988.

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

Type 21--Virginia fire-cured

Market and State	1987/88 season					1986/87 season				
	Opening dates	Closing dates	Sales days	Whse. firms	Sets of buyers	Opening dates	Closing dates	Sales days	Whse. firms	Sets of buyers
Virginia										
Blackstone	Dec. 2	Feb. 4	8	1	1/	Dec. 2	Feb. 12	8	1	1/
Farmville	Dec. 1	Feb. 4	8	1	1/	Dec. 2	Feb. 12	8	1	1/
Lynchburg	Dec. 1	Feb. 3	8	1	1/	Dec. 3	Feb. 12	8	1	1/
Total type 21				3	2				3	2

Types 22 & 23--Kentucky and Tennessee fire-cured

Tennessee										
Clarksville 2/	Jan. 19	Mar. 10	16	4	1	Jan. 13	Mar. 19	29	7	1
Springfield 2/	Jan. 19	Mar. 10	23	6	1	Jan. 12	Mar. 19	31	6	1
Total Tennessee				10	2				13	2
Kentucky										
Hopkinsville 2/	Jan. 20	Mar. 17	23	5	1	Jan. 13	Mar. 18	27	5	1
Mayfield 2/	Jan. 12	Mar. 2	10	2	3/	Jan. 12	Mar. 11	12	2	3/
Murray 2/	Jan. 11	Mar. 2	10	2	3/	Jan. 13	Mar. 11	12	2	3/
Total Kentucky				9	2				9	2
Total types 22&23				19	4				22	4
Total types 21-23				22	6				25	6

Type 35--One Sucker

Kentucky										
Franklin 2/	Dec. 8	Jan. 12	4	1	4/	Dec. 10	Jan. 22	6	3	4/
Mayfield 2/	Dec. 9	Jan. 7	3	2	4/	Dec. 10	Jan. 7	3	2	4/
Murray 2/	Dec. 9	Jan. 7	3	2	4/	Dec. 11	Jan. 7	3	2	4/
Russellville 2/	Dec. 7	Jan. 22	8	4	4/	Dec. 8	Jan. 22	9	4	4/
Total Kentucky				9	4/				11	4/
Tennessee										
Springfield 2/	Dec. 9	Jan. 28	6	5	4/	Dec. 9	Jan. 28	6	5	4/
Total type 35				14	2				16	2

Type 36--Green River

Kentucky										
Madisonville	No sales					Dec. 2	Jan. 27	6	1	
Owensboro 2/	Dec. 3	Jan. 29	13	10		Dec. 3	Jan. 22	12	10	
Total type 36				10	1				11	1

Type 37--Virginia sun-cured

Virginia										
Farmville	Dec. 4	Feb. 5	3	1	1	Dec. 5	Feb. 13	3	1	1
Total types 35-37				25	4				28	4

1/ Same two sets of buyers used for all markets in type 21.
2/ This market sells more than one type.
3/ These markets shared a set of buyers.
4/ Same two sets of buyers used for all markets in type 35.

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.	$ .60	4.5
Farmville, Va.	.75	3.5	Mayfield, Ky.	.70	5.25
Lynchburg, Va.	.75	3.5			
			Murray, Ky.	6.50	-
Type 22			Russellville, Ky.	.60	5.0
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	4.5
Type 23					
Mayfield, Ky.	.70	5.25	Type 37		
Murray, Ky.	6.50	-	Farmville, Va.	.75	4.0

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
1982	148	429	317	320	138
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

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
1982	446	8.2	4,357	17.5	4,803	15.8
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

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
1982	4,346	37.8	1,381	24.5	69	10.2	5,797	32.6
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

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

Crop	Type 21 Virginia fire-cured Sales	Value	Price per 100 pounds	Crop	Type 35 One-Sucker Sales	Value	Price per 100 pounds
		Auction				Auction	
	Pounds	Dollars	Dollars		Pounds	Dollars	Dollars
1982	5,468,456	6,431,216	117.61	1982	11,498,774	13,464,732	117.10
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

	Types 22 & 23 Kentucky and Tennessee fire-cured				Type 35 One Sucker		
		Auction				Country	
1982	24,899,017	35,456,739	142.40	1982	2,778,229	4,151,508	149.43
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

	Types 22 & 23 Kentucky and Tennessee fire-cured				Type 35 One Sucker		
		Country				Total	
1982	22,199,855	38,253,770	172.32	1982	14,277,003	17,616,240	123.39
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

	Types 22 & 23 Kentucky and Tennessee fire-cured				Type 36 Green River		
		Total				Auction	
1982	47,098,872	73,710,509	156.50	1982	5,629,262	6,998,325	124.32
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

	Types 21-23 Total fire-cured				Type 37 Virginia sun-cured		
		Total				Auction	
1982	52,567,328	80,141,725	152.46	1982	677,346	720,823	106.42
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

		Types 35-37 Total dark air-cured	
		Total	
1982	20,583,611	25,335,388	123.09
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

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	Percentage of gross sales
	Pounds	Dollars	Dollars	Pounds	Dollars	Percent
Type 21--Virginia fire-cured						
1982	5,570,583	6,534,880	117.31	102,127	101.51	1.8
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
Types 22 & 23--Kentucky and Tennessee fire-cured						
1982	25,432,255	36,265,038	142.59	533,238	151.58	2.1
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
Type 35--One Sucker						
1982	11,735,270	13,714,581	116.87	236,496	105.65	2.0
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
Type 36--Green River						
1982	5,819,460	7,240,344	124.42	190,198	127.25	3.3
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
Type 37--Virginia sun-cured						
1982	738,733	756,978	102.47	61,387	58.90	8.3
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
Types 21-23--total fire-cured						
1982	31,002,838	42,799,918	138.05	635,365	143.53	2.1
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
Types 35-37--total dark air-cured						
1982	18,293,463	21,711,903	118.69	488,081	108.18	2.7
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

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

Market and State	1987 crop Sales Pounds	1987 crop Value Dollars	1987 crop Price per 100 pounds Dollars	1986 crop Sales Pounds	1986 crop Value Dollars	1986 crop Price per 100 pounds Dollars
Type 21--Virginia fire-cured						
Virginia						
Blackstone	968,511	1,290,605	133.26	1,184,629	1,480,565	124.98
Farmville	668,502	830,794	124.28	980,907	1,272,170	129.69
Lynchburg	936,008	1,260,918	134.71	1,404,525	1,809,858	128.86
Other mkts.	--	--	--	--	--	--
Total type 21	2,573,021	3,382,317	131.45	3,570,061	4,562,593	127.80
Types 22 & 23--Kentucky and Tennessee fire-cured						
Tennessee						
Clarksville	2,376,704	3,349,616	140.94	6,225,318	8,636,330	138.73
Springfield	4,476,788	6,202,624	138.55	10,713,482	15,116,220	141.10
Total Tennessee	6,853,492	9,552,240	139.38	16,938,800	23,752,550	140.23
Kentucky						
Hopkinsville	4,818,054	6,657,687	138.18	7,569,768	10,724,579	141.68
Mayfield	2,392,647	3,197,792	133.65	4,928,256	7,030,794	142.66
Murray	2,597,246	3,844,993	148.04	4,953,072	7,359,609	148.59
Total Kentucky	9,807,947	13,700,472	139.69	17,451,096	25,114,982	143.92
Total types 22&23	16,661,439	23,252,712	139.56	34,389,896	48,867,532	142.10
Type 35--One Sucker						
Kentucky						
Franklin	384,321	433,600	112.82	760,995	851,643	111.91
Mayfield	396,241	469,140	118.40	767,600	862,333	112.34
Murray	72,208	87,603	121.32	313,366	362,951	115.63
Russellville	1,246,905	1,549,330	124.25	2,740,200	3,333,973	121.67
Total Kentucky	2,099,675	2,539,673	120.96	4,582,161	5,410,900	118.09
Tennessee						
Springfield	682,656	844,385	123.69	1,354,988	1,653,902	122.27
Total type 35	2,782,331	3,384,058	121.63	5,937,149	7,064,802	118.99
Type 36--Green River						
Kentucky						
Madisonville	No sales			409,730	435,917	106.39
Owensboro	2,214,460	2,525,171	114.03	3,371,204	3,940,452	116.89
Total type 36	2,214,460	2,525,171	114.03	3,780,934	4,376,369	115.75
Type 37--Virginia sun-cured						
Virginia						
Farmville 1/	127,028	128,881	101.46	165,256	205,139	124.13
Fire-cured mkts.	3,194	4,596	143.89	3,159	3,995	126.46
Total type 37	130,222	133,477	102.50	168,415	209,134	124.18

1/ The market was moved from Richmond to Farmville after the 1984-85 season.

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

Market and State	1987 crop			1986 crop		
	Gross sales	Value	Price per 100 pounds	Gross sales	Value	Price per 100 pounds
	Pounds	Dollars	Dollars	Pounds	Dollars	Dollars
Type 21--Virginia fire-cured						
Virginia						
Blackstone	990,416	1,309,806	132.35	1,214,383	1,506,232	124.03
Farmville	669,118	831,408	124.25	981,699	1,272,871	129.66
Lynchburg	958,248	1,278,031	133.37	1,414,084	1,818,595	128.61
Other mkts.	--	--	--	--	--	--
Total type 21	2,617,782	3,419,245	130.62	3,610,166	4,597,698	127.35
Types 22 & 23--Kentucky and Tennessee fire-cured						
Tennessee						
Clarksville	2,390,276	3,367,945	140.90	6,243,614	8,663,398	138.76
Springfield	4,517,354	6,256,755	138.50	10,794,664	15,214,537	140.94
Total Tennessee	6,907,630	9,624,700	139.33	17,038,278	23,877,935	140.14
Kentucky						
Hopkinsville	4,885,254	6,755,880	138.29	7,661,356	10,851,972	141.65
Mayfield	2,540,917	3,415,597	134.42	5,164,413	7,357,079	142.46
Murray	2,610,174	3,865,047	148.08	4,993,606	7,424,183	148.67
Total Kentucky	10,036,345	14,036,524	139.86	17,819,375	25,633,234	143.85
Total types 22&23	16,943,975	23,661,224	139.64	34,857,653	49,511,169	142.04
Type 35--One Sucker						
Kentucky						
Franklin	395,408	443,079	112.06	774,789	862,764	111.35
Mayfield	405,491	480,575	118.52	803,990	907,132	112.83
Murray	72,208	87,603	121.32	313,638	362,963	115.73
Russellville	1,276,395	1,584,051	124.10	2,764,704	3,354,432	121.33
Total Kentucky	2,149,502	2,595,308	120.74	4,657,121	5,487,291	117.83
Tennessee						
Springfield	700,274	857,743	122.49	1,359,690	1,656,731	121.85
Total type 35	2,849,776	3,453,051	121.17	6,016,811	7,144,022	118.73
Type 36--Green River						
Kentucky						
Madisonville	No sales			410,836	437,609	106.52
Owensboro	2,315,406	2,647,954	114.36	3,471,051	4,039,977	116.39
Total type 36	2,315,406	2,647,954	114.36	3,881,887	4,477,586	115.35
Type 37--Virginia sun-cured						
Virginia						
Farmville	142,356	131,881	92.64	165,947	205,878	124.06
Fire-cured mkts.	3,194	4,596	143.89	3,159	3,995	126.46
Total type 37	145,550	136,477	93.77	169,106	209,873	124.11

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

Market and State	1987 crop Resales Pounds	1987 crop Price per 100 pounds Dollars	1987 crop Percent of gross	1986 crop Resales Pounds	1986 crop Price per 100 pounds Dollars	1986 crop Percent of gross
Type 21--Virginia fire-cured						
Virginia						
Blackstone	21,905	87.66	2.2	29,754	86.26	2.5
Farmville	616	99.68	.1	792	88.51	.1
Lynchburg	22,240	76.95	2.3	9,559	91.40	.7
Other mkts.	--	--	--	--	--	--
Total type 21	44,761	82.50	1.7	40,105	87.53	1.1
Types 22 & 23--Kentucky and Tennessee fire-cured						
Tennessee						
Clarksville	13,572	135.05	.6	18,296	147.94	.3
Springfield	40,566	133.44	.9	81,182	121.11	.8
Total Tennessee	54,138	133.84	.8	99,478	126.04	.6
Kentucky						
Hopkinsville	67,200	146.12	1.4	91,588	139.09	1.2
Mayfield	148,270	146.90	5.9	236,157	138.16	4.6
Murray	12,928	155.12	.5	40,534	159.31	.5
Total Kentucky	228,398	147.13	2.3	368,279	140.72	2.1
Total types 22&23	282,536	144.59	1.7	467,757	137.60	1.3
Type 35--One Sucker						
Kentucky						
Franklin	11,087	85.50	2.8	13,794	80.62	1.8
Mayfield	9,250	123.62	2.3	36,390	123.11	4.5
Murray	--	--	--	--	--	--
Russellville	29,490	117.74	2.3	24,504	83.49	.9
Total Kentucky	49,827	111.66	2.3	74,688	102.26	1.4
Tennessee						
Springfield	17,618	75.82	2.6	4,702	60.17	.4
Total type 35	67,445	102.30	2.4	79,390	99.54	1.3
Type 36--Green River						
Kentucky						
Madisonville	No sales			1,106	152.98	.3
Owensboro	100,946	121.63	4.4	99,847	99.68	2.9
Total type 36	100,946	121.63	4.4	100,953	100.26	2.6
Type 37--Virginia sun-cured						
Virginia						
Farmville	15,328	19.57	10.5	691	106.95	.4
Fire-cured mkts.	--	--	--	--	--	--
Total type 37	15,328	19.57	10.5	691	106.95	.4

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	1987 crop Season average	1987 crop Loan Rate	Group and grade	1987 crop Season average	1987 crop Loan Rate	Group and grade	1987 crop Season average	1987 crop Loan Rate
	Dollars			Dollars			Dollars	
Wrappers								
A1F 3	-	194	B4G 2	132	125	C4M 2	143	133
2	-	194	1	123	115	1	133	127
A2F 3	-	186	B5G 3	-	114	C5M 3	117	112
2	-	186	2	122	117	2	127	114
A1D 3	-	194	1	109	106	1	122	111
2	-	194				C3G 3	-	129
A2D 3	-	186	Thin Leaf			2	-	130
2	-	186	C1L 3	-	198	1	-	110
			2	-	199	C4G 3	127	115
Heavy Leaf			C2L 3	-	192	2	127	117
B1F 3	206	189	2	202	193	1	112	106
2	218	189	1	-	184	C5G 3	120	107
B2F 3	-	183	C3L 3	170	167	2	117	110
2	185	183	2	174	168	1	108	98
1	-	179	1	-	166			
B3F 3	172	169	C4L 3	-	160	Lugs		
2	170	169	2	166	161	X1L	-	134
1	-	164	1	-	157	X2L	-	133
B4F 3	165	161	C5L 3	-	141	X3L	-	129
2	165	161	2	149	142	X4L	140	126
1	158	154	1	-	133	X5L 2/	-	114
B5F 3	-	140	C1F 3	215	198	X1F	-	134
2	147	141	2	221	199	X2F	-	132
1	140	136	C2F 3	202	192	X3F	-	129
B1D 3	-	183	2	198	193	X4F	136	126
2	-	184	1	-	184	X5F 2/	132	114
B2D 3	-	175	C3F 3	169	167	X1D	-	129
2	-	176	2	169	168	X2D	-	124
1	-	168	1	-	166	X3D	-	120
B3D 3	-	164	C4F 3	166	160	X4D	-	110
2	-	164	2	165	161	X5D 2/	-	98
1	-	160	1	160	157	X3M	-	109
B4D 3	-	153	C5F 3	150	141	X3M 2	-	103
2	155	153	2	148	142	X4M	122	93
1	-	149	1	141	134	X4M 2	126	89
B5D 3	-	135	C2D 3	-	124	X5M 2/	107	70
2	141	137	2	-	124	X5M 2 2/	-	65
1	-	125	1	-	113	X3G	-	105
B3M 3	163	130	C3D 3	-	116	X3G 2	-	99
2	-	132	2	-	118	X4G	116	88
1	-	124	1	-	108	X4G 2	-	82
B4M 3	-	123	C4D 3	-	107	X5G 2/	96	68
2	140	127	2	118	109	X5G 2 2/	-	64
1	-	117	1	-	102			
B5M 3	-	116	C5D 3	-	97			
2	127	119	2	109	98	Nondescript		
1	-	106	1	100	93	N1L	64	0
B3G 3	-	127	C3M 3	-	134	N1D	56	0
2	-	128	2	156	139	N1GL	56	0
1	-	121	1	-	135	N1GD	60	0
B4G 3	-	120	C4M 3	145	127	N2	40	0

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Continued

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		1987 crop Season average	1987 crop Loan rate	Group and grade		1987 crop Season average	1987 crop Loan rate	Group and grade		1987 crop Season average	1987 crop Loan rate
		Dollars				Dollars				Dollars	
Wrappers											
A1F	3	-	187	B5VF	3	-	127	C3M	3	-	138
	2	-	187		2	139	127		2	143	138
A2F	3	-	182		1	-	123		1	-	133
	2	-	182	B3G	3	-	138	C4M	3	140	131
A3F	3	-	174		2	147	138		2	136	131
	2	-	174		1	-	133		1	-	127
A1D	3	-	187	B4G	3	138	132	C5M	3	-	122
	2	-	187		2	136	132		2	127	122
A2D	3	-	182		1	-	125		1	119	119
	2	-	182	B5G	3	-	119	C3VF	3	156	146
A3D	3	-	174		2	120	119		2	154	146
	2	-	174		1	-	115		1	150	137
								C4VF	3	148	137
Heavy Leaf				Thin Leaf					2	144	137
B1F	3	200	171	C1L	3	-	174		1	133	129
	2	200	171		2	-	174	C5VF	3	140	127
	1	-	166		1	-	169		2	135	127
B2F	3	192	168	C2L	3	-	167		1	-	123
	2	194	168		2	182	167	C3G	3	-	133
	1	-	162		1	-	165		2	136	133
B3F	3	181	165	C3L	3	171	162		1	-	123
	2	180	165		2	169	162	C4G	3	127	122
	1	-	156		1	-	158		2	126	122
B4F	3	165	155	C4L	3	153	148		1	122	118
	2	166	155		2	153	148	C5G	3	111	106
	1	-	145		1	-	144		2	111	106
B5F	3	-	143	C5L	3	-	140		1	104	101
	2	148	143		2	146	140	Lugs			
	1	-	134		1	-	133	X1L		-	135
B1D	3	-	170	C1F	3	200	174	X2L		-	131
	2	-	170		2	200	174	X3L		-	124
	1	-	162		1	-	169	X4L		134	116
B2D	3	-	165	C2F	3	191	167	X5L		121	112
	2	186	165		2	192	167	X1F		-	136
	1	-	155		1	-	165	X2F		-	133
B3D	3	183	161	C3F	3	180	165	X3F		146	127
	2	173	161		2	179	165	X4F		141	121
	1	-	154		1	170	159	X5F		130	117
B4D	3	-	148	C4F	3	165	155	X1D		-	136
	2	161	148		2	164	155	X2D		-	125
	1	153	142		1	-	145	X3D		-	120
B5D	3	-	136	C5F	3	146	143	X4D		130	111
	2	-	136		2	151	143	X5D		119	99
	1	-	132		1	-	134	X3M		-	106
B3M	3	-	137	C1D	3	-	172	X4M		104	92
	2	146	137		2	-	172	X5M		88	83
	1	-	134		1	-	167	X3VF		133	118
B4M	3	-	131	C2D	3	-	162	X4VF		122	106
	2	136	131		2	182	162	X5VF		110	99
	1	-	123		1	-	159	X3G		-	104
B5M	3	-	118	C3D	3	165	159	X4G		88	76
	2	-	118		2	167	159	X5G		66	56
	1	-	115		1	-	146				
B3VF	3	158	146	C4D	3	154	146	Nondescript			
	2	156	146		2	157	146	N1L		61	55
	1	-	136		1	144	140	N1D		71	54
B4VF	3	149	137	C5D	3	146	136	N1GL		55	46
	2	145	137		2	145	136	N1GX		46	41
	1	-	129		1	-	130	N2		27	22

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 35 - One Sucker

Group and grade		1987 crop Season average	1987 crop Loan rate	Group and grade		1987 crop Season average	1987 crop Loan rate	Group and grade		1987 crop Season average	1987 crop Loan rate
		Dollars				Dollars				Dollars	
Wrappers											
A1F	3	-	171	B3M	3	-	126	C4R	3	-	133
	2	-	171		2	158	126		2	148	133
A2F	3	-	165		1	-	121		1	135	132
	2	184	165	B4M	3	-	114	C5R	3	-	120
A3F	3	-	159		2	135	114		2	129	120
	2	-	159		1	-	111		1	-	117
A1R	3	-	171	B5M	3	-	97	C3M	3	159	126
	2	-	171		2	100	97		2	152	126
A2R	3	-	165		1	-	94		1	-	121
	2	-	165	B3G	3	-	131	C4M	3	140	114
A3R	3	-	159		2	150	131		2	132	114
	2	-	159		1	-	126		1	118	111
				B4G	3	140	117	C5M	3	-	97
Heavy Leaf					2	134	117		2	105	97
B1F	3	-	160		1	125	113		1	97	94
	2	-	160	B5G	3	-	97	C3G	3	-	131
	1	-	157		2	111	97		2	149	131
B2F	3	-	155		1	-	94		1	138	126
	2	181	155					C4G	3	141	117
	1	-	151	Thin Leaf					2	134	117
B3F	3	179	152	C1L	3	-	158		1	124	113
	2	175	152		2	-	158	C5G	3	110	97
	1	-	144		1	-	156		2	107	97
B4F	3	154	139	C2L	3	-	153		1	99	94
	2	160	139		2	-	153				
	1	-	132		1	-	150	Lugs			
B5F	3	-	120	C3L	3	-	150	X1L		-	141
	2	134	120		2	176	150	X2L		-	137
	1	-	117		1	-	140	X3L		-	135
B1R	3	-	160	C4L	3	161	137	X4L		128	121
	2	-	160		2	157	137	X5L		-	107
	1	-	157		1	-	130	X1F		-	141
B2R	3	-	155	C5L	3	-	118	X2F		-	138
	2	-	155		2	132	118	X3F		145	135
	1	-	149		1	-	100	X4F		127	122
B3R	3	-	152	C1F	3	-	160	X5F		118	107
	2	169	152		2	-	160	X1R		-	139
	1	-	144		1	-	156	X2R		-	136
B4R	3	-	134	C2F	3	-	155	X3R		-	132
	2	149	134		2	183	155	X4R		-	112
	1	-	132		1	-	150	X5R		85	85
B5R	3	-	120	C3F	3	181	152	X3D		-	112
	2	-	120		2	174	152	X4D		-	94
	1	-	117		1	-	144	X5D		-	75
B1D	3	-	157	C4F	3	155	139	X3M		108	99
	2	-	157		2	159	139	X4M		86	83
	1	-	152		1	-	132	X5M		54	51
B2D	3	-	153	C5F	3	-	120	X3G		-	95
	2	-	153		2	136	120	X4G		72	68
	1	-	148		1	-	117	X5G		30	23
B3D	3	-	148	C1R	3	-	160				
	2	-	148		2	-	160				
	1	-	141		1	-	157	Nondescript			
B4D	3	-	133	C2R	3	-	155	N1L		25	0
	2	-	133		2	-	155	N2L		23	0
	1	-	131		1	-	149	N1R		41	0
B5D	3	-	114	C3R	3	-	152	N2R		-	0
	2	-	114		2	170	152	N1G		29	0
	1	-	113		1	-	144	N2G		22	0

See footnotes on page 19.

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		1987 crop Season average	1987 crop Loan rate	Group and grade		1987 crop Season average	1987 crop Loan rate	Group and grade		1987 crop Season average	1987 crop Loan rate
		Dollars				Dollars				Dollars	
Wrappers											
A1F	3	-	171	B3M	3	150	126	C4R	3	-	133
	2	-	171		2	144	126		2	144	133
A2F	3	-	165		1	-	121		1	138	132
	2	-	165	B4M	3	-	114	C5R	3	-	120
A3F	3	-	159		2	128	114		2	-	120
	2	-	159		1	122	111		1	-	117
A1R	3	-	171	B5M	3	-	97	C3M	3	-	126
	2	-	171		2	98	97		2	146	126
A2R	3	-	165		1	-	94		1	134	121
	2	-	165	B3G	3	-	131	C4M	3	131	114
A3R	3	-	159		2	-	131		2	125	114
	2	-	159		1	-	126		1	120	111
				B4G	3	-	117	C5M	3	-	97
Heavy Leaf					2	136	117		2	101	97
B1F	3	-	160		1	-	113		1	98	94
	2	-	160	B5G	3	-	97	C3G	3	-	131
	1	-	157		2	106	97		2	148	131
B2F	3	-	155		1	-	94		1	-	126
	2	-	155					C4G	3	128	117
	1	-	151	Thin Leaf					2	127	117
B3F	3	-	152	C1L	3	-	158		1	121	113
	2	163	152		2	171	158	C5G	3	99	97
	1	-	144		1	-	156		2	100	97
B4F	3	-	139	C2L	3	-	153		1	96	94
	2	150	139		2	-	153				
	1	-	132		1	-	150	Lugs			
B5F	3	-	120	C3L	3	166	150	X1L		-	141
	2	-	120		2	163	150	X2L		-	137
	1	-	117		1	-	140	X3L		-	135
B1R	3	-	160	C4L	3	-	137	X4L		-	121
	2	-	160		2	152	137	X5L		-	107
	1	-	157		1	-	130	X1F		-	141
B2R	3	-	155	C5L	3	-	118	X2F		-	138
	2	-	155		2	-	118	X3F		-	135
	1	-	149		1	-	100	X4F		-	122
B3R	3	-	152	C1F	3	-	160	X5F		-	107
	2	-	152		2	-	160	X1R		-	139
	1	-	144		1	-	156	X2R		-	136
B4R	3	-	134	C2F	3	-	155	X3R		-	132
	2	-	134		2	167	155	X4R		-	112
	1	-	132		1	-	150	X5R		-	85
B5R	3	-	120	C3F	3	168	152	X3D		-	112
	2	-	120		2	163	152	X4D		-	94
	1	-	117		1	-	144	X5D		-	75
B1D	3	-	157	C4F	3	163	139	X3M		105	99
	2	-	157		2	152	139	X4M		87	83
	1	-	152		1	140	132	X5M		53	51
B2D	3	-	153	C5F	3	-	120	X3G		-	95
	2	-	153		2	133	120	X4G		71	68
	1	-	148		1	126	117	X5G		27	23
B3D	3	-	148	C1R	3	-	160				
	2	-	148		2	-	160				
	1	-	141		1	-	157	Nondescript			
B4D	3	-	133	C2R	3	-	155	N1L		22	0
	2	-	133		2	-	155	N2L		20	0
	1	-	131		1	-	149	N1R		17	0
B5D	3	-	114	C3R	3	-	152	N2R		-	0
	2	-	114		2	161	152	N1G		22	0
	1	-	113		1	-	144	N2G		19	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		1987 crop Season average	1987 crop Loan rate	Group and grade		1987 crop Season average	1987 crop Loan rate	Group and grade		1987 crop Season average	1987 crop Loan rate
		Dollars				Dollars				Dollars	
Wrappers											
A1F	3	-	192	B3M	3	-	129	C4R	3	-	103
	2	-	195		2	-	132		2	-	106
A2F	3	-	183		1	-	130		1	-	104
	2	-	186	B4M	3	-	124	C5R	3	-	93
A3F	3	-	175		2	-	127		2	98	96
	2	-	178		1	-	125		1	-	93
A1R	3	-	192	B5M	3	-	114	C3M	3	-	134
	2	-	195		2	-	117		2	-	137
A2R	3	-	183		1	-	115		1	-	135
	2	-	186	B3G	3	-	125	C4M	3	-	128
A3R	3	-	175		2	-	128		2	149	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	116	114
	2	-	190	B5G	3	-	113	C3G	3	-	121
	1	-	183		2	121	116		2	-	124
B2F	3	-	181		1	120	114		1	-	122
	2	-	184					C4G	3	-	114
	1	-	179	Thin Leaf					2	132	117
B3F	3	-	167	C1L	3	-	196		1	-	115
	2	-	170		2	-	199	C5G	3	-	107
	1	-	167		1	-	197		2	112	110
B4F	3	-	160	C2L	3	-	190		1	107	106
	2	169	163		2	-	193				
	1	-	160		1	-	191	Lugs			
B5F	3	-	141	C3L	3	-	165	X1L		-	134
	2	162	144		2	-	168	X2L		-	132
	1	-	142		1	-	166	X3L		-	128
B1R	3	-	187	C4L	3	-	158	X4L		-	125
	2	-	190		2	-	161	X5L		-	110
	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		-	125
B3R	3	-	167	C1F	3	-	196	X5F		-	110
	2	-	170		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		-	104
B5R	3	-	140	C3F	3	-	165	X3D		-	120
	2	-	143		2	-	168	X4D		-	109
	1	-	141		1	-	166	X5D		-	97
B1D	3	-	186	C4F	3	-	158	X3M		-	104
	2	-	188		2	167	161	X4M		103	90
	1	-	183		1	-	159	X5M		75	68
B2D	3	-	181	C5F	3	-	141	X3G		-	103
	2	-	184		2	155	144	X4G		85	83
	1	-	182		1	147	142	X5G		70	66
B3D	3	-	167	C1R	3	-	136				
	2	-	170		2	-	139				
	1	-	168		1	-	137	Nondescript			
B4D	3	-	159	C2R	3	-	121	N1L		30	0
	2	-	162		2	-	124	N2L		23	0
	1	-	159		1	-	122	N1R		16	0
B5D	3	-	140	C3R	3	-	114	N2R		13	0
	2	-	143		2	-	117	N1G		41	0
	1	-	141		1	-	115	N2G		26	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			
1983	-	21.3	40.9	NA	17.3	17.0	3.5
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
				Types 22 & 23			
1983	.3	14.2	57.2	NA	24.0	2.9	1.4
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
				Types 35			
1983	-	5.3	60.3	2.4	27.8	2.6	1.6
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
				Type 36			
1983	-	1.7	61.8	9.7	15.8	7.6	3.4
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
				Type 37			
1983	-	23.9	23.3	2.7	35.8	13.9	.4
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

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			
1983	.6	1.7	9.2	36.4	31.6	17.0	3.5
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
				Types 22 & 23			
1983	.4	2.7	27.4	47.0	18.2	2.9	1.4
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
				Type 35			
1983	.7	1.9	20.2	54.3	18.7	2.6	1.6
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

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			
1983	-	.2	7.2	60.5	21.0	7.6	3.5
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
				Type 37			
1983	-	.1	4.6	41.8	39.2	13.9	.4
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

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				
1983	3.0	NA	26.5	NA	1.4	38.1	10.6	17.0	3.4
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
					Types 22 & 23				
1983	2.0	27.1	21.2	NA	4.5	26.4	14.3	2.9	1.6
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
					Type 35				
1983	2.2	NA	23.1	17.1	-	24.0	29.4	2.6	1.6
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
					Type 36				
1983	.5	NA	11.5	12.6	-	37.1	27.2	7.6	3.5
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
					Type 37				
1983	.8	NA	22.5	.3	-	43.0	19.1	13.9	.4
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

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 grade, for fire-cured tobacco type 21, 1987 crop

Group and grade	Crop of 1987	Group and grade	Crop of 1987	Group and grade	Crop of 1987	Group and grade	Crop of 1987
Wrappers		B3M 1	--	C4F 2	14.764	X4L	.073
A1F 3	--	B4M 3	.032	1	.275	X5L	--
2	--	2	.275	C5F 3	.332	Total XL	.073
A2F 3	--	1	.012	2	7.350	X1F	--
2	--	B5M 3	--	1	.777	X2F	--
Total AF	--	2	.069	Total CF	29.958	X3F	.027
A1D 3	--	1	.026	C2D 3	--	X4F	.279
2	--	Total BM	.497	2	--	X5F	.167
A2D 3	--	B3G 3	--	1	--	Total XF	.473
2	--	2	--	C3D 3	--	X1D	--
Total AD	--	1	--	2	--	X2D	--
Total A	--	B4G 3	.001	1	--	X3D	--
Heavy Leaf		2	.637	C4D 3	--	X4D	--
B1F 3	.083	1	.059	2	.216	X5D	.007
2	.098	B5G 3	--	1	.016	Total XD	.007
B2F 3	.048	2	.728	C5D 3	.010	X3M	.022
2	.144	1	.316	2	.933	X3M 2	--
1	--	Total BG	1.741	1	.100	X4M	2.751
B3F 3	.232	Total B	8.886	Total CD	1.275	X4M 2	.087
2	1.405	Thin Leaf		C3M 3	.025	X5M	7.628
1	.011	C1L 3	.020	2	.066	X5M 2	.040
B4F 3	.104	2	.014	1	--	Total XM	10.528
2	3.344	C2L 3	.018	C4M 3	.248	X3G	--
1	.121	2	.092	2	6.740	X3G 2	--
B5F 3	.026	1	--	1	.533	X4G	.373
2	.673	C3L 3	.087	C5M 3	.074	X4G 2	--
1	.138	2	.579	2	7.994	X5G	5.088
Total BF	6.427	1	--	1	1.712	X5G 2	.036
B1D 3	--	C4L 3	.051	Total CM	17.392	Total XG	5.497
2	--	2	2.324	C3G 3	--	Total X	16.578
B2D 3	--	1	.023	2	.033		
2	--	C5L 3	.022	1	--	Nondescript	
1	--	2	.734	C4G 3	.107	N1L	1.402
B3D 3	--	1	.014	2	2.269	N1D	.896
2	--	Total CL	3.978	1	.225	N1GL	3.070
1	--	C1F 3	.278	C5G 3	.238	N1GD	3.935
B4D 3	.007	2	.116	2	5.546	N2	1.819
2	.067	C2F 3	.263	1	1.530	Total N	11.122
1	.001	2	.568	Total CG	9.948	No-G	.475
B5D 3	.008	1	--	Total C	62.551	"W"	.142
2	.122	C3F 3	.573	Lugs		"U"	.246
1	.016	2	3.946	X1L	--		
Total BD	.221	1	--	X2L	--	Grand	
B3M 3	.067	C4F 3	.716	X3L	--	total	100.000
2	.016						

Table 16.--Percentage distribution, by grade, for fire-cured tobacco types 22 and 23, 1987 crop

Group and grade		Crop of 1987	Group and grade		Crop of 1987	Group and grade		Crop of 1987	Group and grade		Crop of 1987
Wrappers											
A1F	3	--	B4D	3	.007	C3F	3	1.455		1	.214
	2	--		2	.462		2	6.429	C5G	3	.379
A2F	3	--		1	.056		1	.043		2	5.406
	2	.028	B5D	3	.009	C4F	3	.987		1	.168
A3F	3	.002		2	.004		2	8.707	Total CG		11.636
	2	.007		1	--		1	.018	Total C		55.018
Total AF		.037	Total BD		1.134	C5F	3	.049	Lugs		
A1D	3	--	B3M	3	.024		2	.816	X1L		--
	2	--		2	.300		1	.002	X2L		--
A2D	3	--		1	.022	Total CF		20.288	X3L		.011
	2	.002	B4M	3	.004	C3VF	3	.389	X4L		.052
A3D	3	--		2	.293		2	2.095	X5L		.077
	2	--		1	.015		1	.034	Total XL		.140
Total AD		.002	B5M	3	--	C4VF	3	.933	X1F		.015
Total A		.039		2	.018		2	9.082	X2F		.007
Heavy Leaf				1	.003		1	.174	X3F		.145
B1F	3	.058	Total BM		.679	C5VF	3	.073	X4F		.358
	2	.119	B3G	3	.026		2	1.780	X5F		.248
	1	--		2	.052		1	.015	Total XF		.773
B2F	3	.362		1	.027	Total CVF		14.575	X1D		--
	2	1.090	B4G	3	.137	C1D	3	--	X2D		--
	1	--		2	.648		2	.030	X3D		.017
B3F	3	1.054		1	.029		1	--	X4D		.181
	2	6.099	B5G	3	.020	C2D	3	.005	X5D		.148
	1	.033		2	.258		2	.062	Total XD		.346
B4F	3	.702		1	.018		1	--	X3M		.017
	2	5.611	Total BG		1.215	C3D	3	.145	X4M		.389
	1	.024	Total B		22.054		2	1.325	X5M		.538
B5F	3	.033	Thin Leaf				1	.038	Total XM		.944
	2	.355	C1L	3	--	C4D	3	.097	X3VF		.361
	1	.004		2	--		2	.904	X4VF		2.168
Total BF		15.544		1	--		1	.028	X5VF		1.430
B3VF	3	.202	C2L	3	--	C5D	3	.064	Total XVF		3.959
	2	.805		2	.064		2	.160	X3G		.020
	1	.027		1	--		1	.030	X4G		5.623
B4VF	3	.236	C3L	3	.193	Total CD		2.888	X5G		4.656
	2	1.894		2	.901	C3M	3	--	Total XG		10.299
	1	.029		1	--		2	.350	Total X		16.461
B5VF	3	.030	C4L	3	.057		1	.019	Nondescript		
	2	.259		2	1.278	C4M	3	.123	N1L		.192
	1	--		1	--		2	1.708	N1D		.147
Total BVF		3.482	C5L	3	--		1	.032	N1GL		1.641
B1D	3	--		2	.168	C5M	3	.023	N1GX		2.855
	2	--		1	--		2	.654	N2		1.090
	1	--	Total CL		2.661		1	.061	Total N		5.925
B2D	3	.013	C1F	3	.072	Total CM		2.970	No-G		.305
	2	.088		2	.134	C3G	3	--	"W"		.187
	1	--		1	--		2	.098	"U"		.011
B3D	3	.076	C2F	3	.245		1	--			
	2	.411		2	1.331	C4G	3	.544	Grand total		100.000
	1	.008		1	--		2	4.827			

Table 17.--Percentage distribution, by grade, for dark air-cured tobacco type 35, 1987 crop

Group and grade	Crop of 1987	Group and grade	Crop of 1987	Group and grade	Crop of 1987	Group and grade	Crop of 1987
Wrappers							
A1F 3	--	B2D 3	--	C1F 3	--	Total CG	15.275
2	--	2	--	2	.121	Total C	47.603
A2F 3	--	1	--	1	--	Lugs	
2	.262	B3D 3	--	C2F 3	.087	X1L	--
A3F 3	.009	2	--	2	.907	X2L	--
2	--	1	--	1	--	X3L	.065
Total AF	.271	B4D 3	--	C3F 3	.117	X4L	.077
A1R 3	--	2	.015	2	4.359	X5L	.062
2	--	1	--	1	.015	Total XL	.204
A2R 3	--	B5D 3	--	C4F 3	.261	X1F	--
2	--	2	--	2	8.053	X2F	--
A3R 3	--	1	.007	1	.052	X3F	.200
2	--	Total BD	.022	C5F 3	--	X4F	.352
Total AR	--	B3M 3	.018	2	1.246	X5F	.121
Total A	.271	2	.950	1	.046	Total XF	.673
Heavy Leaf		1	--	Total CF	15.264	X1R	--
B1F 3	--	B4M 3	.017	C1R 3	--	X2R	--
2	.085	2	1.285	2	--	X3R	.010
1	--	1	.038	1	--	X4R	.014
B2F 3	.011	B5M 3	--	C2R 3	--	X5R	.085
2	1.042	2	.087	2	.074	Total XR	.109
1	--	1	.028	1	--	X3D	--
B3F 3	.217	Total BM	2.423	C3R 3	.051	X4D	--
2	6.987	B3G 3	.030	2	.904	X5D	--
1	.028	2	.461	1	.035	Total XD	--
B4F 3	.184	1	--	C4R 3	--	X3M	.529
2	7.066	B4G 3	.101	2	1.961	X4M	2.370
1	.063	2	1.704	1	.147	X5M	1.514
B5F 3	--	1	.091	C5R 3	--	Total XM	4.413
2	.608	B5G 3	.056	2	.170	X3G	.071
1	--	2	.474	1	.006	X4G	6.909
Total BF	16.291	1	.029	Total CR	3.348	X5G	6.853
B1R 3	--	Total BG	2.946	C3M 3	.192	Total XG	13.833
2	.027	Total B	22.395	2	2.538	Total X	19.232
1	--	Thin Leaf		1	.016		
B2R 3	--	C1L 3	--	C4M 3	.228	Nondescript	
2	--	2	--	2	5.991	N1L	.377
1	--	1	--	1	.338	N2L	.094
B3R 3	.015	C2L 3	--	C5M 3	.035	N1R	.171
2	.313	2	.110	2	1.422	N2R	.004
1	.008	1	--	1	.269	N1G	6.520
B4R 3	.004	C3L 3	.034	Total CM	11.029	N2G	1.507
2	.312	2	.580	C3G 3	.043	Total N	8.673
1	.028	1	--	2	1.654		
B5R 3	--	C4L 3	.099	1	.072	No-G	.823
2	.006	2	1.577	C4G 3	.388	"W"	.923
1	--	1	--	2	7.318	"U"	.080
Total BR	.713	C5L 3	.008	1	.397		
B1D 3	--	2	.278	C5G 3	.127		
2	--	1	.001	2	4.678	Grand total	100.000
1	--	Total CL	2.687	1	.598		

Table 18.--Percentage distribution, by grade, for dark air-cured tobacco type 36, 1987 crop

Group and grade	Crop of 1987
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	--
2	--
1	--
B2F 3	--
2	.064
1	--
B3F 3	.201
2	1.104
1	.010
B4F 3	.135
2	2.037
1	.078
B5F 3	--
2	.088
1	.070
Total BF	3.787
B1R 3	--
2	--
1	--
B2R 3	--
2	--
1	--
B3R 3	--
2	--
1	--
B4R 3	--
2	.062
1	--
B5R 3	--
2	--
1	.036
Total BR	.098
B1D 3	--
2	--
1	--

Group and grade	Crop of 1987
B2D 3	--
2	--
1	--
B3D 3	--
2	--
1	--
B4D 3	--
2	--
1	--
B5D 3	--
2	
1	.001
Total BD	.001
B3M 3	.369
2	1.703
1	.018
B4M 3	.056
2	1.923
1	.187
B5M 3	--
2	.259
1	.101
Total BM	4.616
B3G 3	.059
2	.045
1	--
B4G 3	.051
2	.759
1	.161
B5G 3	--
2	.246
1	.079
Total BG	1.400
Total B	9.902
Thin Leaf	
C1L 3	--
2	.299
1	--
C2L 3	--
2	.136
1	--
C3L 3	.264
2	1.278
1	--
C4L 3	.120
2	1.414
1	.015
C5L 3	--
2	.100
1	--
Total CL	3.626

Group and grade	Crop of 1987
C1F 3	--
2	--
1	--
C2F 3	.028
2	.787
1	--
C3F 3	.525
2	5.588
1	.079
C4F 3	.795
2	10.052
1	.517
C5F 3	.083
2	1.031
1	.085
Total CF	19.570
C1R 3	--
2	--
1	--
C2R 3	--
2	.004
1	--
C3R 3	--
2	.687
1	.041
C4R 3	.007
2	1.021
1	.541
C5R 3	--
2	.062
1	.034
Total CR	2.397
C3M 3	.093
2	5.339
1	.113
C4M 3	.081
2	12.921
1	1.125
C5M 3	--
2	3.480
1	.989
Total CM	24.141
C3G 3	.128
2	.876
1	.060
C4G 3	.601
2	8.153
1	1.366
C5G 3	.243
2	4.527
1	.869

Group and grade	Crop of 1987
Total CG	16.823
Total C	66.557
Lugs	
X1L	--
X2L	--
X3L	.017
X4L	.025
X5L	.086
Total XL	.128
X1F	--
X2F	--
X3F	.085
X4F	.106
X5F	.048
Total XF	.239
X1R	--
X2R	--
X3R	--
X4R	.002
X5R	--
Total XR	.002
X3D	--
X4D	--
X5D	--
Total XD	--
X3M	.291
X4M	1.822
X5M	1.786
Total XM	3.899
X3G	.142
X4G	4.773
X5G	4.544
Total XG	9.459
Total X	13.727
Nondescript	
N1L	.465
N2L	.122
N1R	.263
N2R	.045
N1G	6.504
N2G	1.755
Total N	9.154
NO-G	.446
"W"	.198
"U"	.016
Grand total	100.000

Table 19.--Percentage distribution, by grade, for dark air-cured tobacco type 37, 1987 crop

Group and grade	Crop of 1987	Group and grade	Crop of 1987	Group and grade	Crop of 1987	Group and grade	Crop of 1987
Wrappers							
A1F 3	--	B1D 1	--	C5L 1	--	C5G 2	4.989
2	--	B2D 3	--	Total CL	1.715	1	4.593
A2F 3	--	2	--	C1F 3	--	Total CG	11.752
2	--	1	--	2	--	Total C	44.915
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	.108	X4L	--
A2R 3	--	1	--	2	.654	X5L	--
2	--	B5D 3	--	1	--	Total XL	--
A3R 3	--	2	--	C4F 3	--	X1F	--
2	--	1	--	2	3.877	X2F	--
Total AR	--	Total BD	--	1	--	X3F	--
Total A	--	B3M 3	--	C5F 3	.039	X4F	--
		2	--	2	5.173	X5F	--
Heavy Leaf		1	--	1	2.076	Total XF	--
B1F 3	--	B4M 3	--	Total CF	11.927	X1R	--
2	--	2	--	C1R 3	--	X2R	--
1	--	1	--	2	--	X3R	--
B2F 3	--	B5M 3	--	1	--	X4R	--
2	--	2	--	C2R 3	--	X5R	--
1	--	1	--	2	--	Total XR	--
B3F 3	.092	Total BM	--	1	--	X3D	--
2	.050	B3G 3	--	C3R 3	--	X4D	--
1	--	2	--	2	--	X5D	--
B4F 3	--	1	--	1	--	Total XD	--
2	2.189	B4G 3	--	C4R 3	--	X3M	--
1	.076	2	1.778	2	--	X4M	2.570
B5F 3	--	1	--	1	--	X5M	6.573
2	1.073	B5G 3	--	C5R 3	.233	Total XM	9.143
1	.396	2	1.310	2	.825	X3G	--
Total BF	3.876	1	1.066	1	.234	X4G	1.741
B1R 3	--	Total BG	4.154	Total CR	1.292	X5G	5.674
2	--	Total B	8.082	C3M 3	--	Total XG	7.415
1	--			2	--	Total G	16.558
B2R 3	--	Thin Leaf		1	--		
2	--	C1L 3	--	C4M 3	--	Nondescript	
1	--	2	--	2	4.900	N1L	2.321
B3R 3	--	1	--	1	.529	N2L	.924
2	--	C2L 3	--	C5M 3	--	N1R	2.994
1	--	2	--	2	6.467	N2R	2.922
B4R 3	--	1	--	1	6.333	N1G	9.390
2	--	C3L 3	--	Total CM	18.229	N2G	6.806
1	--	2	.095	C3G 3	--	Total N	25.357
B5R 3	--	1	--	2	--	No-G	1.132
2	--	C4L 3	--	1	--	"W"	1.562
1	.052	2	1.068	C4G 3	--	"U"	2.394
Total BR	.052	1	--	2	1.637		
B1D 3	--	C5L 3	--	1	.533	Grand total	100.000
2	--	2	.552	C5G 3	--		

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