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# Notes on Forestry and Wood Use: Price Report on Indiana Timber Products

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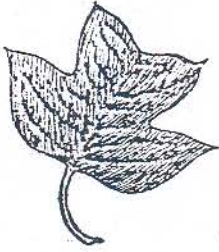
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# Notes on Forestry and Wood-use



Purdue University  
Cooperative Extension Service  
Lafayette, Indiana

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## PRICE REPORT ON INDIANA TIMBER PRODUCTS

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Delivered Prices for Indiana Sawlogs and Veneer Logs; And Rates For Custom Sawing and Logging

Price reports were obtained from wood-using industries in both northern and southern Indiana (Figure 1), and covered price schedules used during March. The breakdown of prices is according to the Purdue log grading system. Since this annual survey has been made for a number of years, it is possible to show graphically the changes that have occurred for several species. Figures 2 and 3 show the trend in average prices for number one grade sawlogs and Figures 4 and 5 the average prices for prime black walnut logs. Prices in northern Indiana for sugar and soft maple indicate a strong upward trend since 1959. The other species in Figure 2 had a downward trend from 1961 until this year when all species except red oak showed an advance in the average price of number grade logs.

Following a decline of average prices in 1958, prices for grade one logs for six species in southern Indiana had held fairly steady.

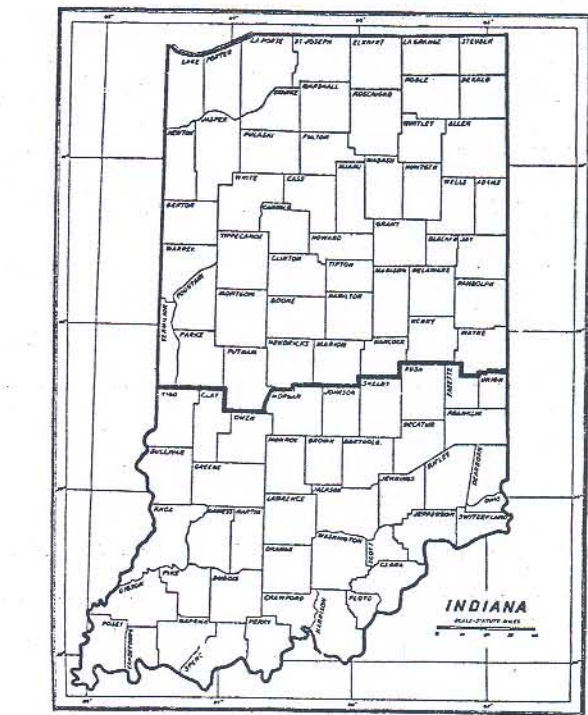


Figure 1. Dark line divides northern and southern areas.

White oak, tulip poplar and sweet gum advanced 4 to 6 percent but red oak and soft maple declined about 4 percent this past year.

Sawlogs:

Average prices of black walnut sawlogs of prime and number one quality advanced from 20 to 30 percent this year in northern Indiana but these same grades dropped from 5 to 10 percent in the South.

Veneer Log Prices:

The general trend in prices for black walnut veneer logs has been upward in both northern and southern Indiana markets. (Figures 4 and 5).

Prices for prime walnut logs in northern Indiana appear to have a stronger upward trend than for those in southern areas. This was true also for prime white oak veneer logs. However, sugar maple veneer logs advanced in the North over 1963 prices but the prices for tulip poplar veneer logs were generally lower in southern Indiana.

Custom Rates:

Charges for custom sawing for logs and for timber cutting and hauling showed very little change in March of 1964 over those of a year ago.



Table 1. Prices paid for delivered sawlogs, March 1964, northern Indiana.\*

Species	PRIME LOGS			NO. 1 LOGS			NO. 2 LOGS			NO. 3 LOGS		
	Range 1964	Average 1964	Average 1963	Range 1964	Average 1964	Average 1963	Range 1964	Average 1964	Average 1963	Range 1964	Average 1964	Average 1963
	Dollars											
White Ash 46	60-125	87	88	50-90	68	65	30-65	47	43	25-45	34	34
Basswood 41	55-105	82	83	50-95	71	65	27-70	46	45	20-50	34	37
Beech 77	45-75	59	57	35-60	45	43	30-40	34	37	20-35	27	33
Cottonwood 75	40-70	52	49	35-60	45	40	20-50	35	32	20-45	31	30
Cherry 42	75-150	109	128	50-125	79	93	30-80	57	58	25-50	42	38
White Elm 56	45-75	53	52	40-55	44	42	20-50	37	37	15-35	26	31
Shag. Hickory 62	40-55	46	47	30-45	40	44	30-40	35	38	25-30	28	35
Sugar Maple 44	65-200	111	112	50-125	84	83	40-90	58	54	30-50	40	39
Soft Maple 43	70-120	92	85	55-95	77	62	40-80	52	42	25-50	37	33
White Oak 22	60-125	91	92	40-100	71	66	25-75	49	46	25-60	39	39
Red Oak 35	55-100	80	81	45-90	60	60	25-55	44	46	25-50	38	39
Black Oak 37	55-75	66	71	40-70	50	52	30-50	42	40	20-45	32	36
Tulip Poplar 45	60-110	86	84	50-90	71	65	25-70	48	45	20-50	38	38
Sycamore 76	45-70	54	56	30-65	45	43	35-50	42	38	25-45	34	32
Black Walnut 17	100-600	273	205	70-350	175	142	50-140	95	84	35-100	60	52

\* Prices are per thousand board feet, Doyle Log Scale.



Table 3. Delivered prices of logs purchased for face veneer, March 1964, northern Indiana\*

SPECIES	Log Diameter	PRIME LOGS			SELECT LOGS		
		Range 1964	Average		Range 1964	Average	
			1964	1963		1964	1963
Inches	Dollars	Dollars		Dollars	Dollars		
White Oak	16-17	200-200	200	115			100
	18-20	200-200	200	145			135
	21-23	130-275	230	180	150-200	175	150
	24+	163-300	225	240			220
Sugar Maple	16-17	150-300	225	195	100-250	185	160
	18-20	150-325	255	195			160
	21-23			225			220
	24+			250			225
Black Walnut	16-17	300-800	520	490	200-500	335	300
	18-20	400-900	640	540	300-600	420	370
	21-23	500-1000	760	610	400-800	530	440
	24+	600-1000	850	750	500-700	590	540

\* Prices are per thousand board feet Doyle Scale.

Table 4. Delivered prices of logs purchased for face veneer, March 1964, southern Indiana\*

SPECIES	Log Diameter	PRIME LOGS			SELECT LOGS		
		Range 1964	Average		Range 1964	Average	
			1964	1963		1964	1963
Inches	Dollars	Dollars		Dollars	Dollars		
White Oak	16-17	100-125 <sup>158</sup>	115	135	65-100	90	105
	18-20	110-150 <sup>170</sup>	140	180	70-150	110	150
	21-23	150-300 <sup>215</sup>	200	185	100-150	130 <sup>153</sup>	185
	24+	150-350 <sup>243</sup>	260	255	150-230	185	225
Tulip Poplar	16-17	70-120	90	98	80-100	90	96
	18-20	80-120	100	110	80-100	95	105
	21-23	90-120	110	120	90-97	95	99
	24+	100-140	120	125	100-120	110	105
Black Walnut	16-17	300-500 <sup>460</sup>	400	500	260-260 <sup>298</sup>	260	280
	18-20	300-700 <sup>580</sup>	520	540	150-350 <sup>345</sup>	270	370
	21-23	400-800 <sup>760</sup>	640	700	200-500 <sup>450</sup>	370	470
	24+	500-1000 <sup>840</sup>	830	770	300-750 <sup>575</sup>	560	570

\* Prices are per thousand board feet Doyle Scale.



Table 2. Prices paid for delivered sawlogs, March 1964, southern Indiana.\*

Species	PRIME LOGS			NO. 1 LOGS			NO. 2 LOGS			NO. 3 LOGS		
	Range 1964	Average 1964	Average 1963	Range 1964	Average 1964	Average 1963	Range 1964	Average 1964	Average 1963	Range 1964	Average 1964	Average 1963
	Dollars											
64 White Ash	50-85	69 78	71	40-72	55 62	55	30-57	41 44	40	20-45	32 33	30
71 Basswood	55-100	69 76	77	40-80	57 64	55	30-60	42 44	39	20-40	35	31
17 Beech	45-70	54 57	55	35-60	45	47	20-50	35	37	15-40	30 29	26
78 Cottonwood	40-70	49 51	50	30-50	42 44	45	20-50	31 33	36	15-40	29 30	26
72 Cherry	60-180	107 108	113	40-125	79	77	30-100	51 54	49	20-60	36 39	35
56 White Elm	35-60	45 49	45	30-55	39 42	39	20-45	33 35	35	15-40	28 27	31
66 Shag. Hickory	40-55	45 46	47	30-45	38 39	39	20-40	29 32	34	15-40	26 27	31
44 Sugar Maple	60-150	96 104	107	40-125	73 79	72	30-100	52 55	48	20-60	38 39	36
13 Soft Maple	50-125	73 83	78	40-100	58 63	61	30-70	44 48	45	20-50	35 36	35
22 White Oak	55-200	89 90	87	50-100	68 70	64	30-65	46 48	46	20-65	37 38	36
35 Red Oak	50-100	69 75	76	40-80	55 58	57	30-65	43 44	42	20-60	35 37	36
37 Black Oak	40-90	65 66	69	30-80	52 51	54	20-65	40 41	40	20-45	30 31	33
48 Tulip Poplar	60-120	85 86	85	50-100	65 68	62	35-65	48	45	20-50	38	36
76 Sycamore	40-65	50 52	51	30-50	40 43	43	20-50	33 38	36	15-40	28 31	30
71 Sweet Gum	40-80	55	56	30-50	43	44	20-50	34	36	15-40	28	32
11 Black Walnut	90-480	204 239	213	50-300	128 152	144	40-200	85 90	85	30-120	56 58	58

\* Prices are per thousand board feet, Doyle Log Scale.

Table 5. Custom rates for lumber sawing, timber cutting and hauling (per thousand feet)

NORTHERN INDIANA				SOUTHERN INDIANA			
OPERATION	Range 1964	Average		OPERATION	Range 1964	Average	
		1964	1963			1964	1963
	Dollars				Dollars		
Sawing Logs into Lumber	20-40	29.00	30.00	Sawing Logs into Lumber	17-40	26.50	25.00
Timber Cutting	7-15	9.80	9.50	Timber Cutting	5-15	9.00	8.70
Timber Hauling	10-20	14.40	14.50	Timber Hauling	8-25	15.50	13.00



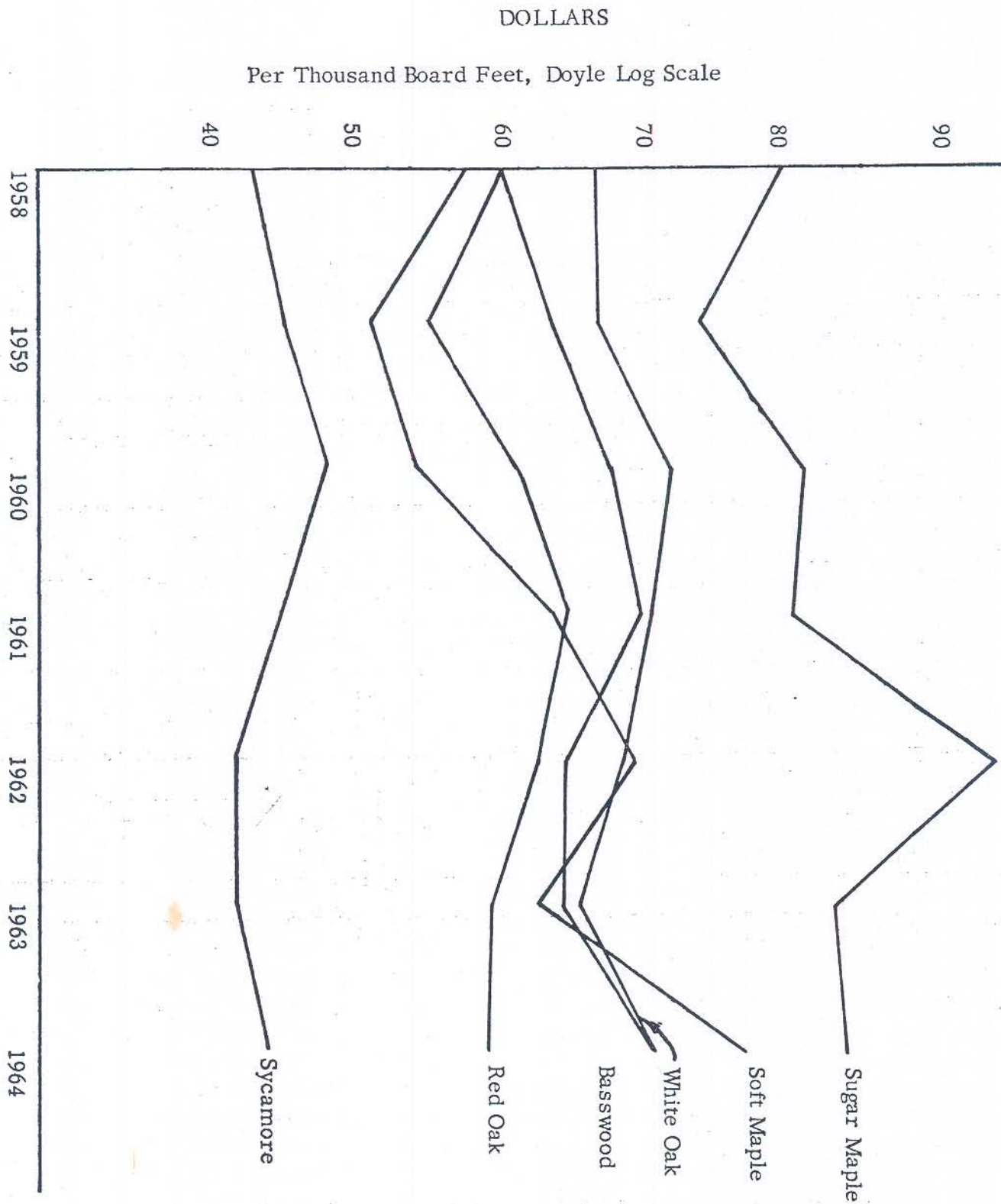


Figure 2. Average delivered prices for Number One grade sawlogs for six species in northern Indiana (1958-1964).



DOLLARS

Per Thousand Board Feet, Doyle Log Scale

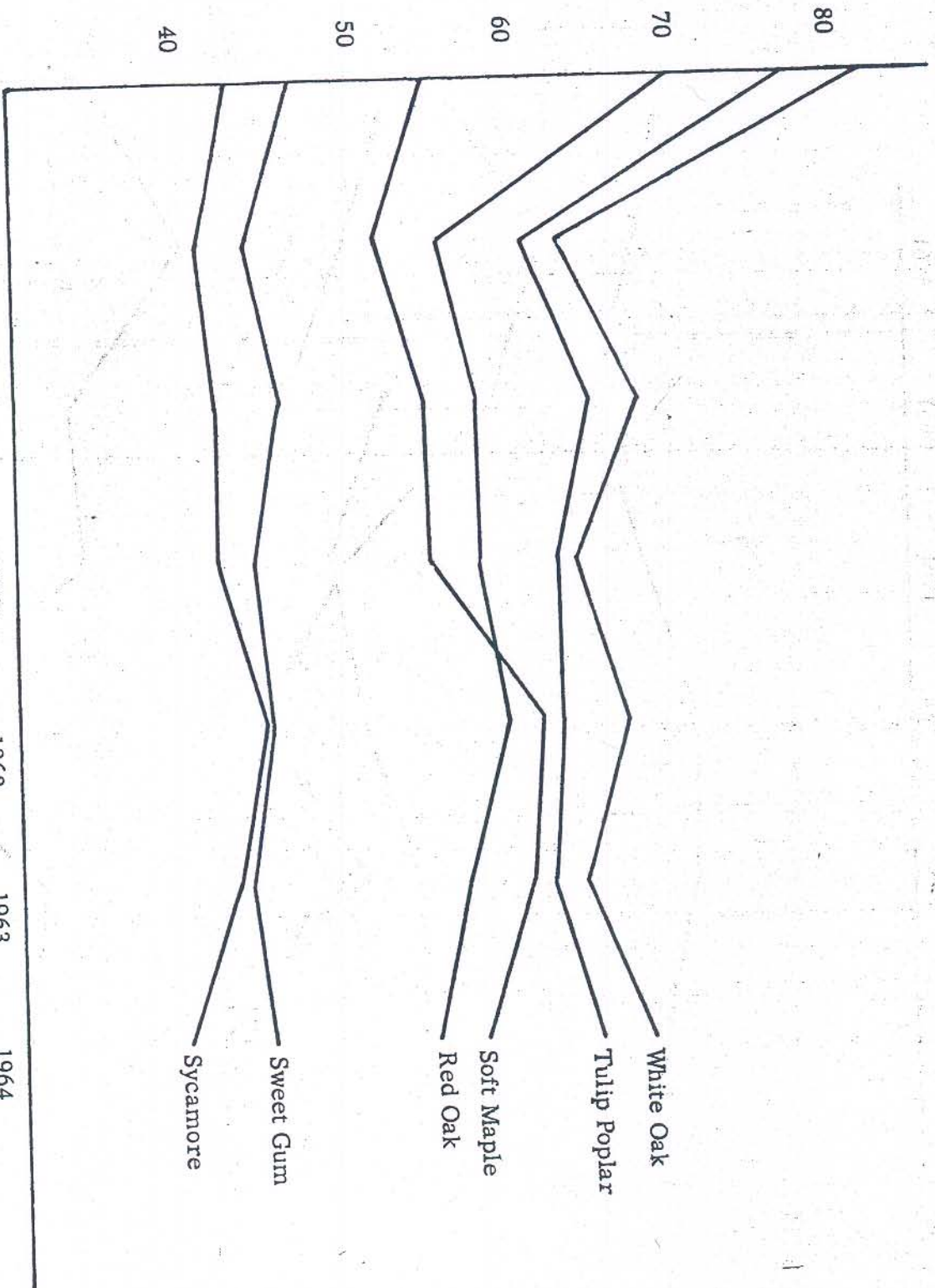


Figure 3. Average delivered prices for Number One grade sawlogs for six species in southern Indiana (1958-1964).

DOLLARS

Per Thousand Board Feet Doyle Log Scale

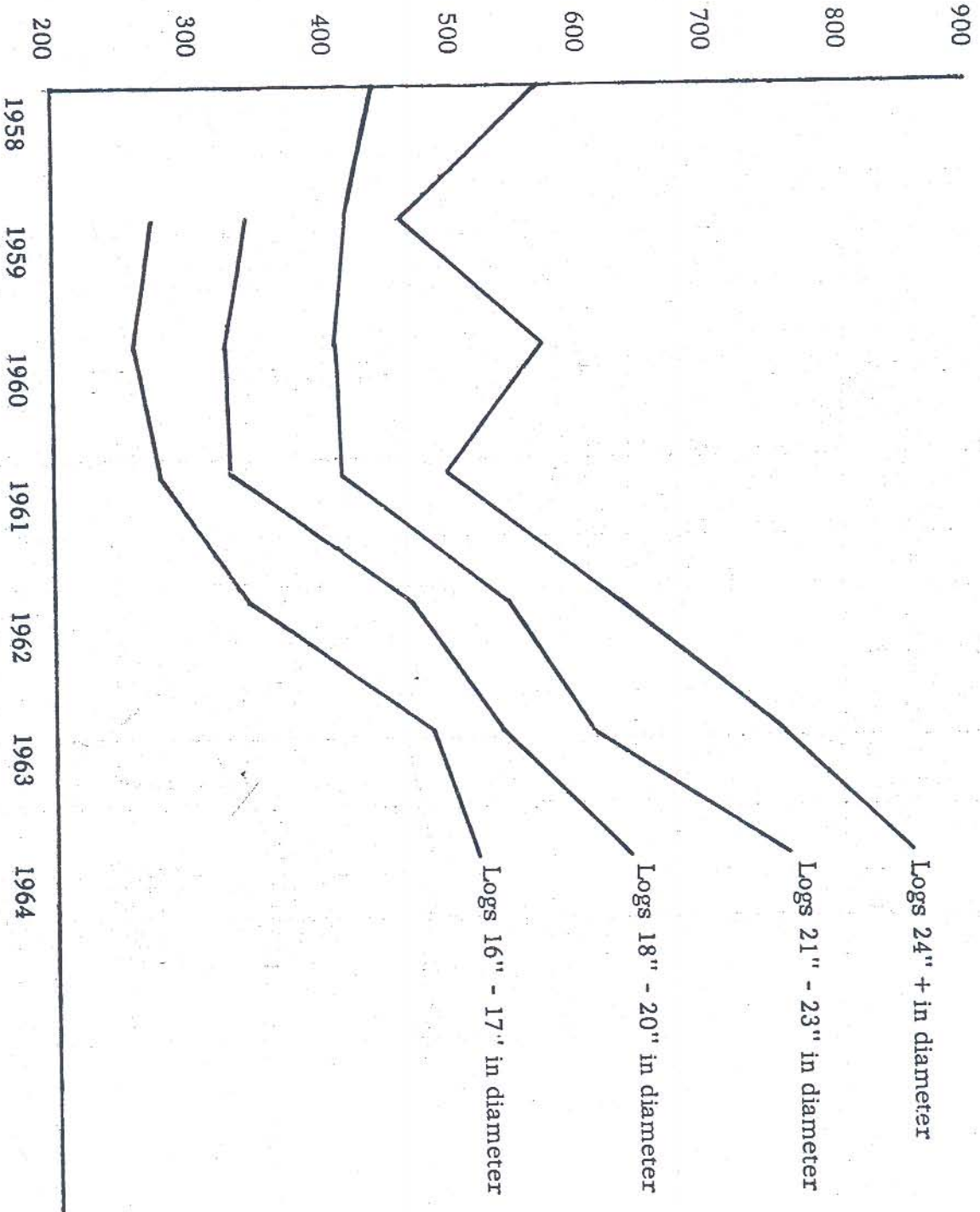


Figure 4. Average Delivered Prices Paid for Prime Black Walnut Logs - Northern Indiana



DOLLARS

Prices per thousand Board feet Doyle Log Scale

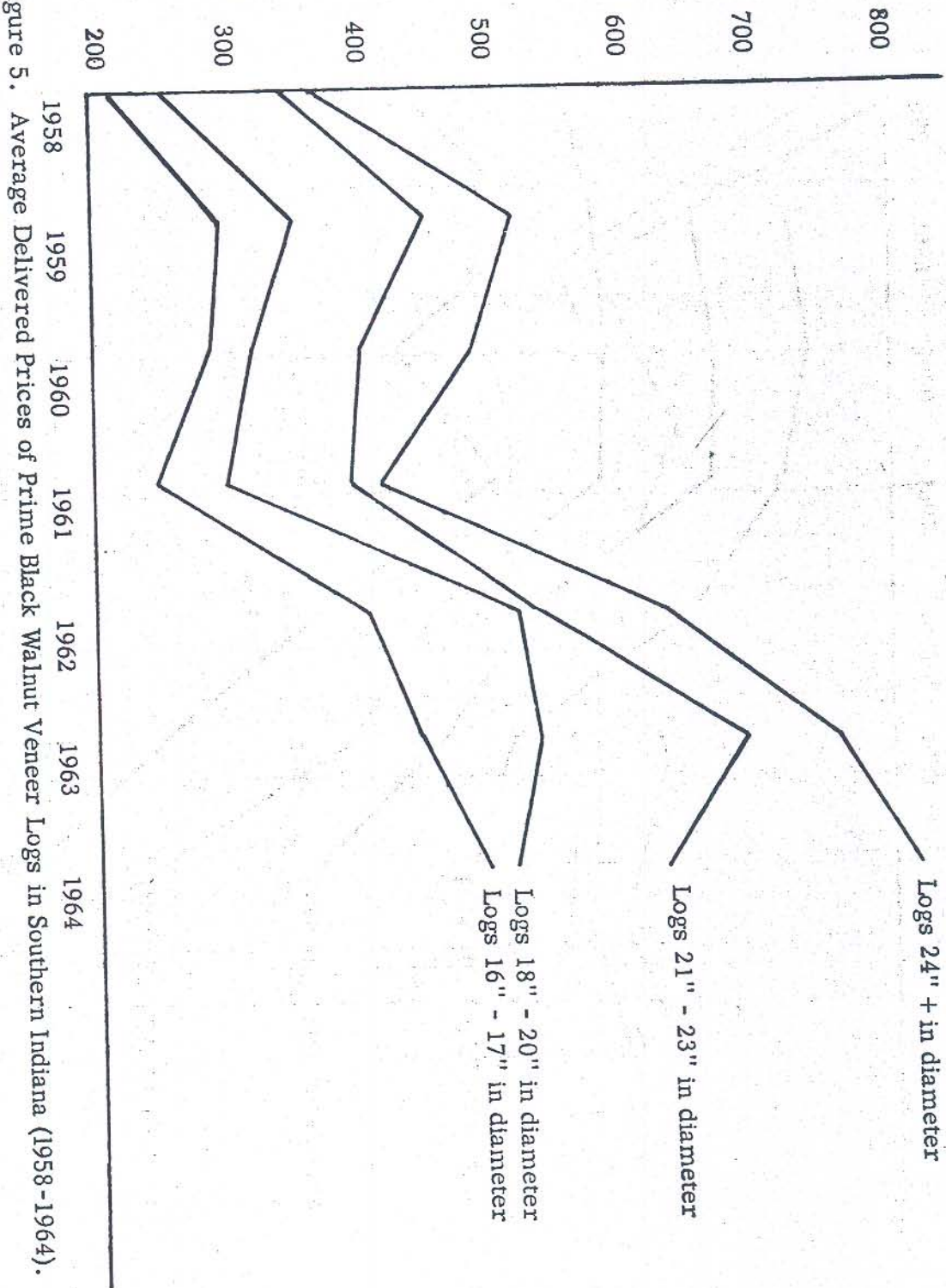


Figure 5. Average Delivered Prices of Prime Black Walnut Veneer Logs in Southern Indiana (1958-1964).

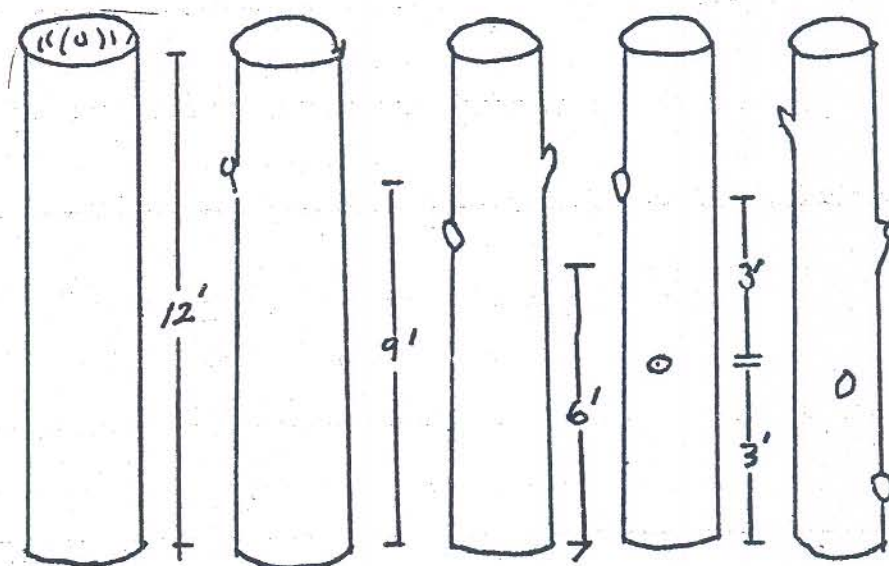
Purdue Saw Log Grades 1/

Prime: Practically (90 percent) surface clear on three visible faces. (A face is any one-quarter of the surface of a log.) Must be 16 inches or more in diameter inside bark at the small end.

No. 1: At least three-fourths (75 percent) of the log length on the three visible faces must be surface clear in one section. Must be at least 14 inches in diameter inside bark at the small end.

No. 2: At least one-half (50 percent) of the log length must be surface clear on the three visible faces in two sections, neither of which can be less than 3 feet long. Must be at least 10 inches in diameter inside bark at the small end.

No. 3: Will not meet No. 2 specifications.



<u>Prime</u>	<u>No. 1</u>	<u>No. 2</u>	<u>No. 2</u>	<u>No. 3</u>
16" or larger	14" and larger	10" in Diameter and larger	10" in Diameter and larger	10" in Diameter and larger
90% clear	75% clear	50% clear	50% clear	50% clear

1/ Log quality depends to a large degree on log size, and the number and location of surface defects. A detailed discussion of grading saw-logs is given in Agricultural Extension Bulletin #346, How to Grade Hardwood Sawlogs. This can be obtained from county agents or by writing to the Cooperative Extension Service at Purdue University, Lafayette, Indiana.



Publications on timber marketing are as follows:

Extension Bulletin No. 283, "Wooden Fence Posts"

Extension Bulletin No. 293, "How to Measure a Woods"

Extension Leaflet No. 384, "Recommended Minimum Timber Cutting Practices for Indiana"

Mimeo F-4, "How to Use the Tree Measuring Stick"

Mimeo F-8, "Marketing Farm Timber"

Extension Circular No. 511, "The Primary Wood-Using Industries of Indiana" (1962)

These publications or additional copies of this mimeo may be obtained from county agent's office or from Extension specialists:

E. J. Lott, State Extension Forester  
Horticulture Building  
Purdue University, Lafayette, Indiana

A. N. Liming, Extension Forester  
Tyson Library, Versailles, Indiana

H. C. Krauch, Jr., Extension Forester  
Court House, Albion, Indiana

W. L. Fix, Extension Forester  
Federal Building, Jasper, Indiana

F. T. Miller, Extension Forester  
Court House, Greencastle, Indiana

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The Extension Service of the Department of Forestry and Conservation also publishes a Timber Marketing Bulletin about every 10 weeks. This contains listings of timber for sale or items that the timber markets desire to purchase. For information on this service write to:

R. C. Brundage, Extension Specialist in  
Wood Utilization  
Department of Forestry and Conservation  
Horticulture Building  
Purdue University, Lafayette, Indiana

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