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

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Notes on Forestry and Wood-use



Purdue University
Cooperative Extension Service
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PRICE REPORT ON INDIANA TIMBER PRODUCTS

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R. E. Straszheim, Chief Agricultural Statistician,
Statistical Reporting Service U.S.D.A. at Purdue University

In general price changes for delivered sawlogs were mixed this year. The following species showed increase in both northern and southern Indiana: White Ash, Cherry, Shagbark Hickory, and Sycamore. Black Walnut sawlogs showed a strong increase in the north, but prices averaged about the same for all grades of logs except prime ones in southern Indiana. This grade had a drop of 12 dollars in the average price for that area. The reverse was true for Tulip Poplar logs. In southern markets the upper grades increased in price, but the same grades showed a slight decline in the north. Average Sugar Maple prices increased slightly, but those for Soft Maple showed a tendency to hold about the same level as a year ago.

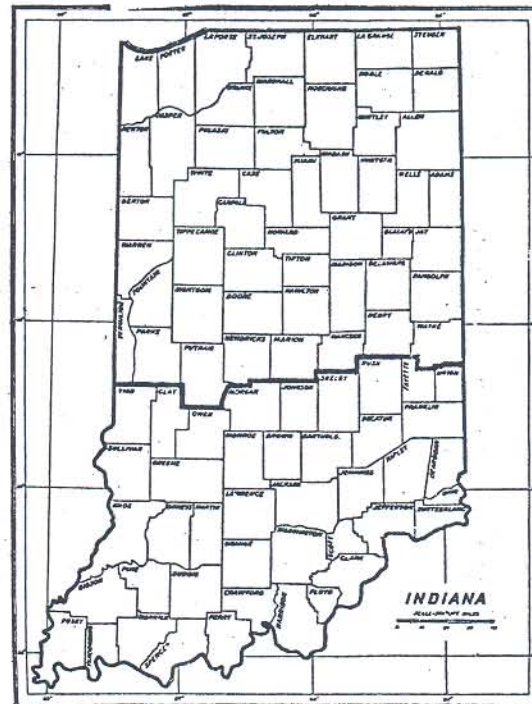


Figure 1. Dark line divides northern and southern areas.

Veneer log prices for most species were down this year from 1964, but there was a strong upsurge for Black Walnut in both regions of the state. The largest increase in walnut veneer log prices was for the smaller sized logs. Some quotations were reported for the first time on logs 12" to 15" but not enough to include in this report. Efforts have been made by some operators to keep tree diameter limits high enough for walnut to prevent production of small logs except from the top section of trees 16" in diameter and larger.

The increase in walnut veneer log prices is undoubtedly due to the continued strong demand for walnut both in the domestic and export markets.

Pallet Logs, Northern and Southern Indiana

Delivered logs taken by the pallet mills in the state ranged from \$40 to \$55 per thousand board feet (Doyle Log Rule). The average price for this grade of log was \$47.40 per M bd. ft.

Handle Logs, Central and Southern Indiana

All firms using White Ash and Sugar

Maple logs for handle stock quoted a flat \$85 per thousand for delivered logs.

Pulpwood, Southern Indiana

Delivered prices of pulpwood ranged from \$5.20 to \$5.40 per ton. One market pays a 30¢ bonus for every 20 miles beyond the first 20 miles.

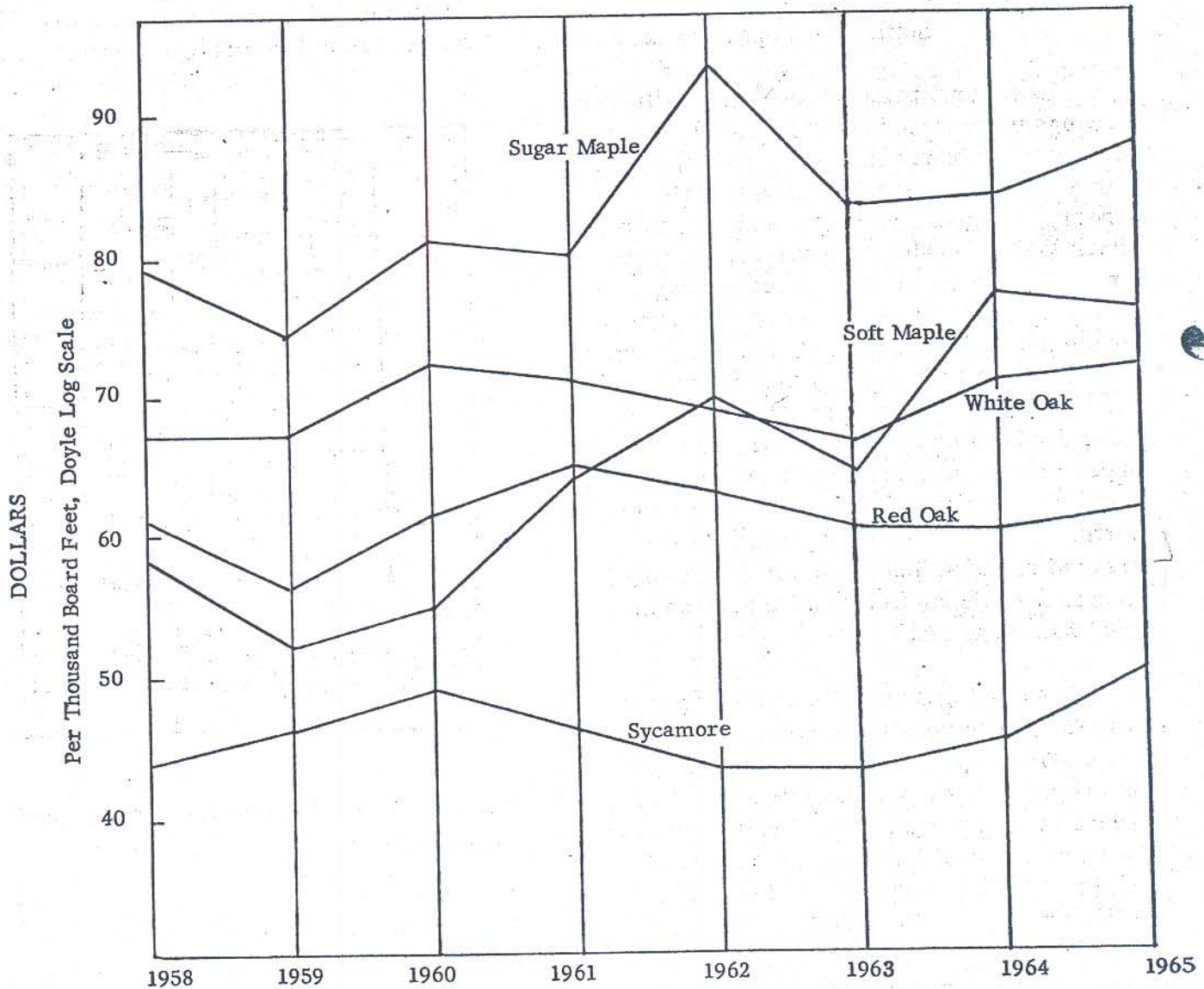


Figure 2. Average delivered prices for Number One grade sawlogs for five species in Northern Indiana (1958-1965).

Table 1. Prices paid for delivered sawlogs, March 1965, northern Indiana.*

Species	PRIME LOGS		NO. 1 LOGS		NO. 2 LOGS		NO. 3 LOGS	
	Range 1965	Average 1965 1964	Range 1965	Average 1965 1964	Range 1965	Average 1965 1964	Range 1965	Average 1965 1964
White Ash	55-150	91 87	50-100	74 68	35-70	50 47	20-50	39 34
Basswood	65-100	82 82	45-100	72 71	30-70	49 46	20-50	41 34
Beech	40-75	55 59	30-70	52 45	20-50	38 34	15-48	36 27
Cottonwood	40-75	52 52	30-60	47 45	20-50	41 35	15-48	37 31
Cherry	80-150	114 109	50-125	84 79	35-80	55 57	20-50	40 42
White Elm	40-75	50 53	35-60	51 44	35-50	44 37	20-48	40 26
Shagbark Hickory	30-70	48 46	30-60	46 40	30-45	39 35	20-45	36 28
Sugar Maple	60-150	112 111	50-125	88 84	35-100	58 58	30-50	44 40
Soft Maple	60-110	87 92	50-100	76 77	35-65	51 52	20-50	42 37
White Oak	50-125	87 91	40-110	72 71	35-80	55 49	15-50	41 39
Red Oak	50-100	76 80	40-90	66 60	35-70	51 44	15-50	42 38
Black Oak	50-75	64 66	45-75	59 50	35-55	48 42	15-50	39 32
Tulip Poplar	60-110	83 86	40-100	70 71	20-75	52 48	15-50	39 38
Sycamore	45-80	61 54	40-70	50 45	35-50	44 42	15-50	39 34
Black Walnut	100-700	333 273	80-500	218 175	45-200	116 95	40-125	68 60

*Prices are per thousand board feet Doyle Log Scale.

Table 2. Prices paid for delivered sawlogs, March 1965, southern Indiana. *

Species	PRIME LOGS		NO. 1 LOGS		NO. 2 LOGS		NO. 3 LOGS	
	Range 1965	Average 1965 1964	Range 1965	Average 1965 1964	Range 1965	Average 1965 1964	Range 1965	Average 1965 1964
46 White Ash	50-100	Dollars 74 83 69	40-85	Dollars 59 67 55	30-60	Dollars 41 46 41	15-60	Dollars 31 35 32
41 Basswood	70-100	78 80 69	40-70	56 64 57	30-65	44 47 42	20-45	35 38 35
77 Beech	40-80	56 54	35-60	47 50 45	20-50	36 37 35	15-45	30 33 30
75 Cottonwood	40-60	48 50 49	35-55	41 44 42	25-50	36 39 31	15-40	30 34 29
42 Cherry	80-150	115 107	60-125	86 85 79	30-80	55 51	20-60	39 40 36
56 White Elm	40-55	47 49 45	30-50	40 46 39	20-50	34 39 33	15-45	30 35 28
66 Shagbark Hickory	40-50	48 45	30-45	39 43 38	25-40	33 36 29	15-40	26 31 26
44 Sugar Maple	60-150	100 106 96	35-125	72 80 73	25-100	50 54 52	15-50	34 39 38
48 Soft Maple	45-130	76 82 73	35-100	59 68 58	25-75	44 48 44	15-60	34 38 35
22 White Oak	50-120	86 87 89	50-100	69 71 68	30-60	44 50 46	20-50	35 38 37
35 Red Oak	60-110	76 69	40-85	58 62 55	30-70	43 47 43	15-50	35 40 35
37 Black Oak	50-100	73 78 65	40-75	55 57 52	30-60	41 45 40	15-50	34 37 30
45 Tulip Poplar	60-125	89 86 85	50-100	70 65	30-70	50 51 48	20-50	35 37 38
76 Sycamore	40-70	52 57 50	20-60	43 47 40	25-45	34 39 33	15-45	29 34 28
71 Sweet Gum	40-80	55 55	35-50	44 43	30-40	36 34	20-40	25 28
11 Black Walnut	100-450	192 163 204	50-220	129 174 128	35-150	83 100 85	30-100	56 62 56

*Prices per thousand board feet, Doyle Log Scale.

Table 3. Delivered prices of logs purchased for face veneer, March 1965, northern Indiana.*

Species	Log Diameter Inches	PRIME LOGS		SELECT LOGS	
		Range 1965 Dollars	Average 1965 Dollars	Range 1965 Dollars	Average 1965 Dollars
White Oak	16-17	100-250	167	80-80	80
	18-20	125-250	182	80-150	110
	21-23	150-250	209	80-200	139
	24-28+	175-300	232	80-250	158
Red Oak	16-17				
	18-20	185-185	185		
	21-23	185-185	185		
	24+	100-185	142		
Sugar Maple	16-17	250-375	300	200-250	217
	18-20	275-375	317	200-250	225
	21-23	125-375	296	200-250	225
	24+	275-375	325	200-250	225
Tulip Poplar	16-17	75-250	119	60-150	98
	18-20	75-250	121	60-150	100
	21-23	75-250	121	60-150	100
	24+	75-250	124	60-150	101
Black Walnut	16-17	250-1000	617	100-800	473
	18-20	250-1000	661	200-800	541
	21-23	250-1200	728	300-800	565
	24+28	250-1500	847	300-800	629

*Prices per thousand board feet, Doyle Log Scale.

Table 4. Delivered prices of logs purchased for face veneer, March 1965, southern Indiana.*

Species	Log Diameter Inches	PRIME LOGS		SELECT LOGS	
		Range 1965 Dollars	Average 1965 Dollars	Range 1965 Dollars	Average 1965 Dollars
White Oak	16-17	70-150	105	60-75	68
	18-20	75-175	130	65-100	86
	21-23	95-250	162	85-200	125
	24+	100-300	183	90-200	127
Red Oak	16-17	70-135	91	50-80	65
	18-20	55-150	97	80-90	85
	21-23	60-150	102	80-100	90
	24+	65-150	114	80-100	90
Sugar Maple	16-17	90-325	213		
	18-20	100-325	220		
	21-23	120-325	224		
	24+	160-325	234		
Tulip Poplar	16-17	70-150	104	60-140	93
	18-20	75-150	108	60-150	91
	21-23	80-150	114	70-100	83
	24+	85-150	125	75-125	97
Black Walnut	16-17	160-1000	598	250-500	425
	18-20	170-1200	732	300-800	575
	21-23	190-1500	852	300-1000	635
	24+	390-1500	922	300-1000	639

*Prices per thousand board feet, Doyle Log Scale.

Table 5. Prices paid for container veneer logs, March 1965, southern Indiana.

Species	PRIME LOGS		NO. 1 LOGS		NO. 2 LOGS	
	Range	Average	Range	Average	Range	Average
	Dollars		Dollars		Dollars	
Beech	55-100	75	35-90	60	25-80	48
Soft Maple	55-110	74	35-95	58	40-85	54
Sycamore	55-90	69	35-85	56	40-75	51
Cottonwood	50-89	66	55-80	65	40-74	53
Sweet Gum	55-90	75	50-80	61	40-75	52
Black Gum	45-90	65	35-82	58	25-75	46
Others	55-110	78	55-70	62	40-70	52

Table 6. Custom rates for lumber sawing, timber cutting and hauling (per thousand feet).

OPERATION	NORTHERN INDIANA			OPERATION	SOUTHERN INDIANA		
	Range	Average			Range	Average	
	1965	1965	1964		1965	1965	1964
	Dollars						
Sawing Logs into Lumber	20-40	30.18	29.22	Sawing Logs into Lumber	15-50	27.29	26.74
Timber Cutting	7-10	9.34	9.80	Timber Cutting	6-10	8.25	9.05
Timber Hauling	10-25	16.50	14.38	Timber Hauling	5-30	13.92	15.77

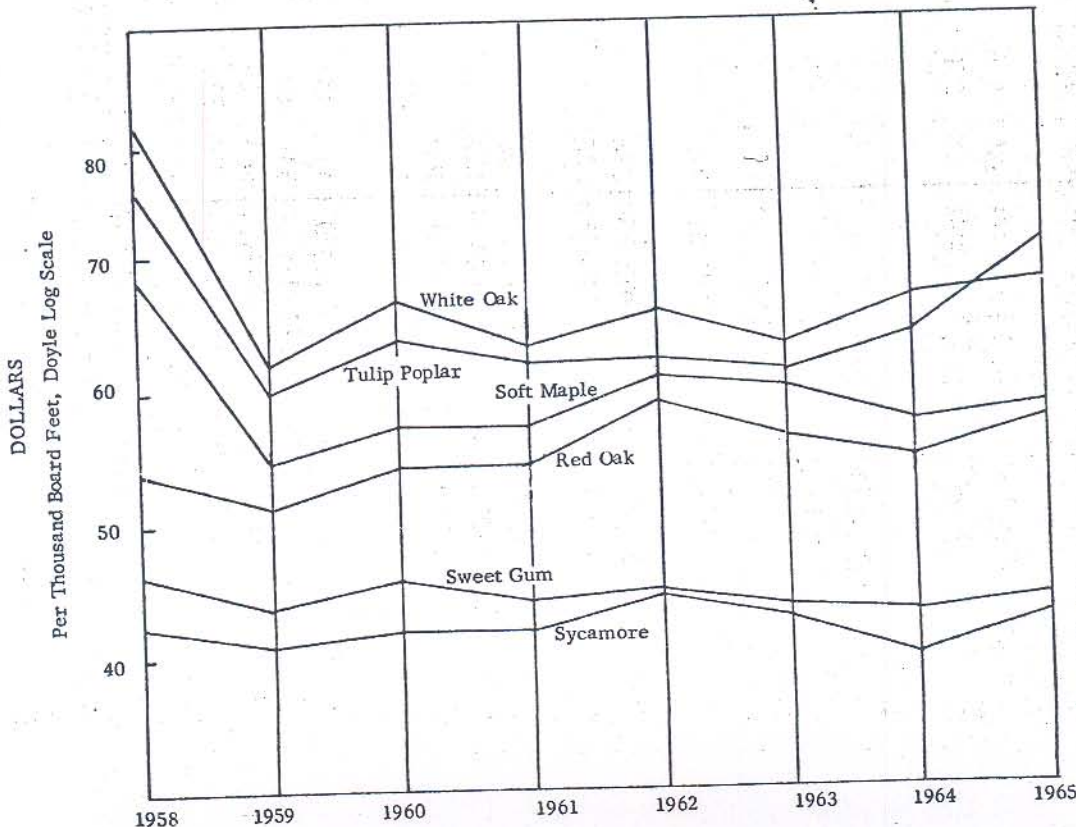


Figure 3. Average delivered prices for Number One grade sawlogs for six species in southern Indiana (1958-1965).

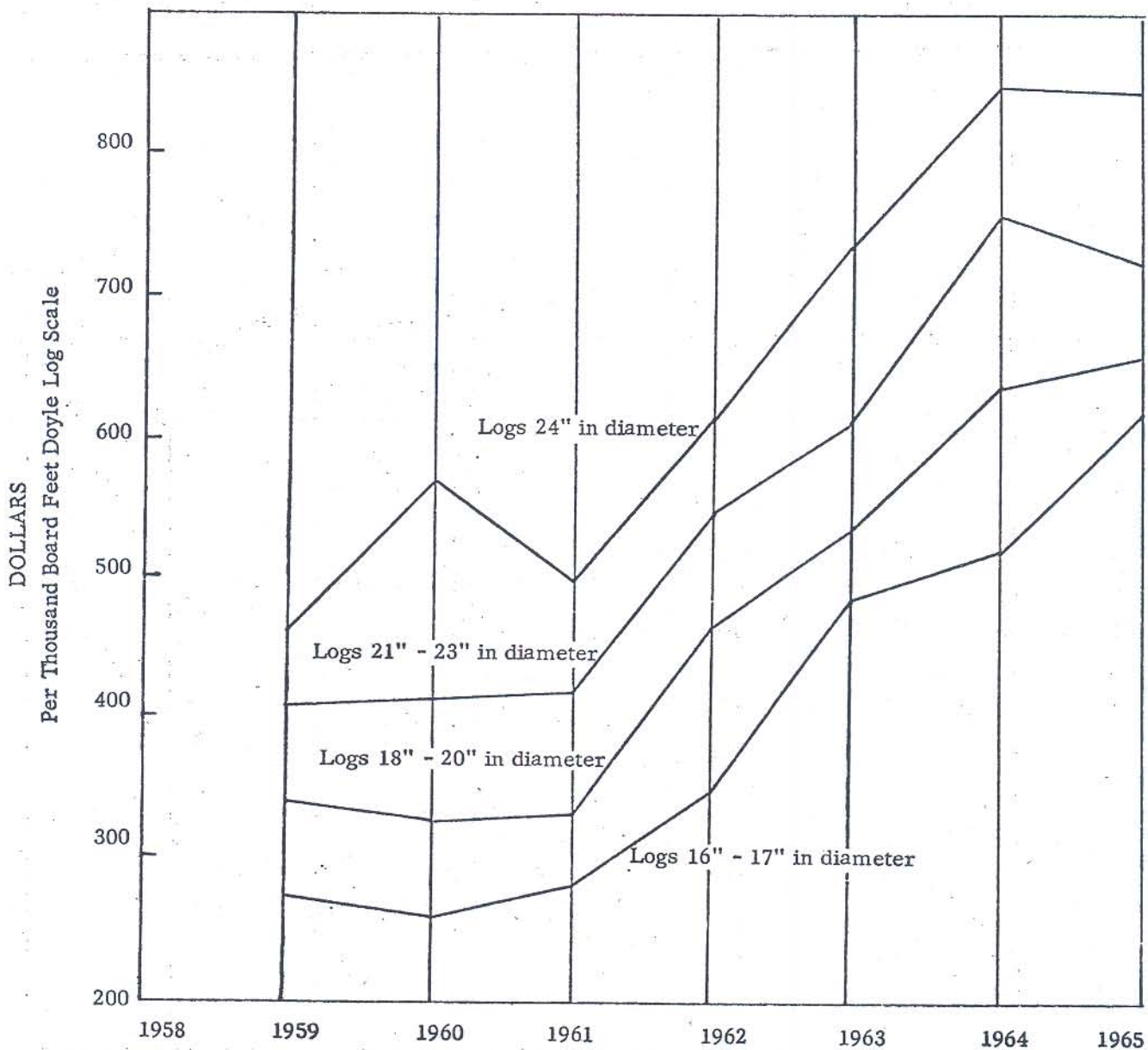


Figure 4. Average delivered prices paid for prime Black Walnut logs - northern Indiana (1958-1965).

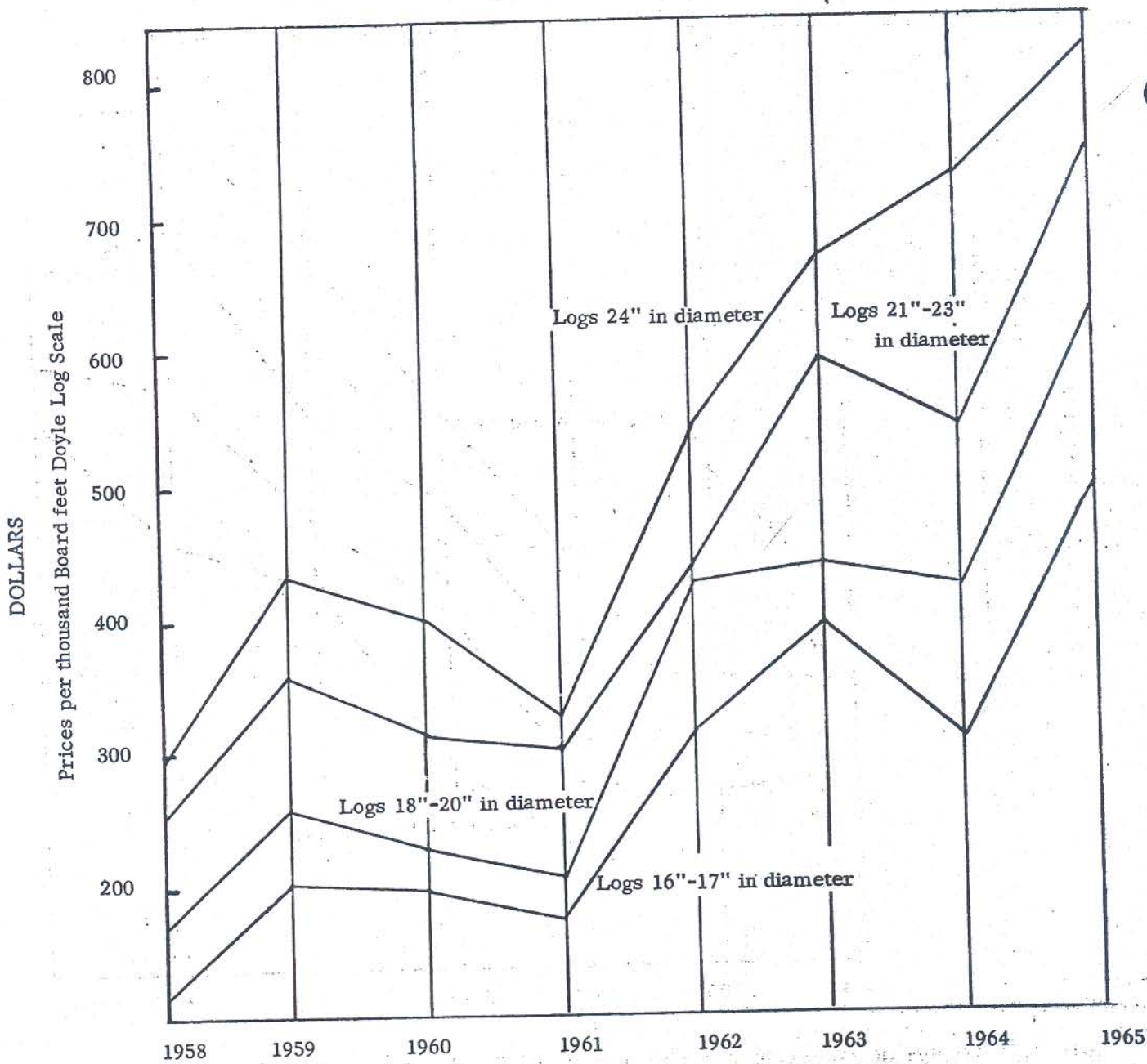


Figure 5. Average delivered prices of prime Black Walnut veneer logs in southern Indiana (1958-1965).

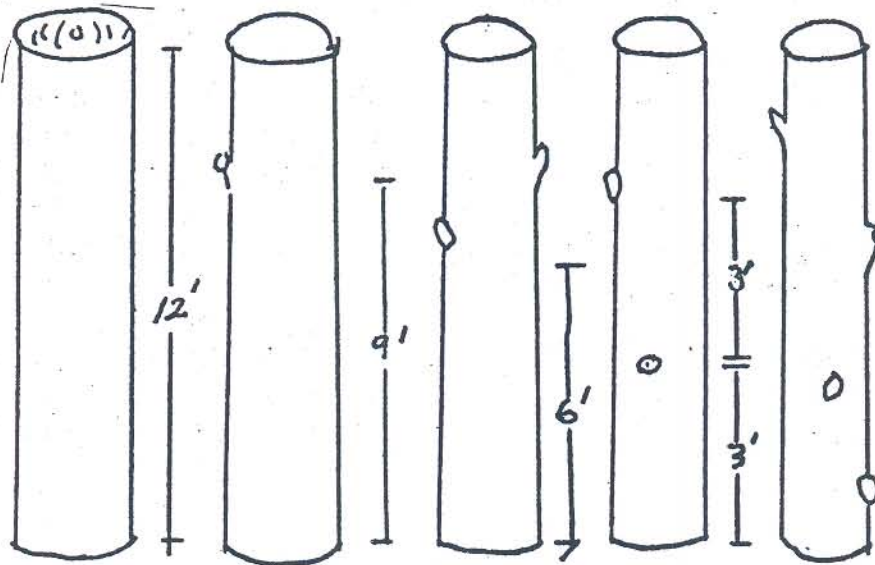
Purdue Saw Log Grades 1/

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.



Prime
16" or
larger
90% clear

No. 1
14" and
larger
75% clear

No. 2
10" in
Diameter
and larger
50% clear

No. 2

No. 3

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, Ind. 47907

A. N. Liming, Extension Forester
Tyson Library, Versailles, Ind. 47042

H. C. Krauch, Jr., Extension Forester
Federal Building
Columbia City, Ind. 46725

W. L. Fix, Extension Forester
Federal Building, Jasper, Ind. 47546

F. T. Miller, Extension Forester
Court House, Greencastle, Ind. 46135

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
Agricultural Hall Annex
Purdue University, Lafayette, Ind. 47907

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