

ANNUAL MONITORING SCHEDULE

WM/PS - Weather Monitoring/Pecan Scab
 LT + D - Leaf Tatterers and Defoliators
 PNC - Pecan Nut Casebearer

FW - Fall Webworm
 WC - Walnut Caterpillar

YA - Yellow Aphid
 BA - Black Aphid

M - Mite
 SB - Stink Bug
 HS - Hickory Shuckworm

PW - Pecan Weevil
 PHY - Phylloxera
 Sc - Scale

	March	April	May	June	July	August	September	October	November	December
WM/PS										
LT+D										
PNC										
FW+WC										
YA										
BA										
M										
SB										
HS										
PW										
PHY										
Sc										

This table is missing the half-shaded cells (see original table, copied on following page)

WM/PS – Weather Monitoring/Pecan Scab
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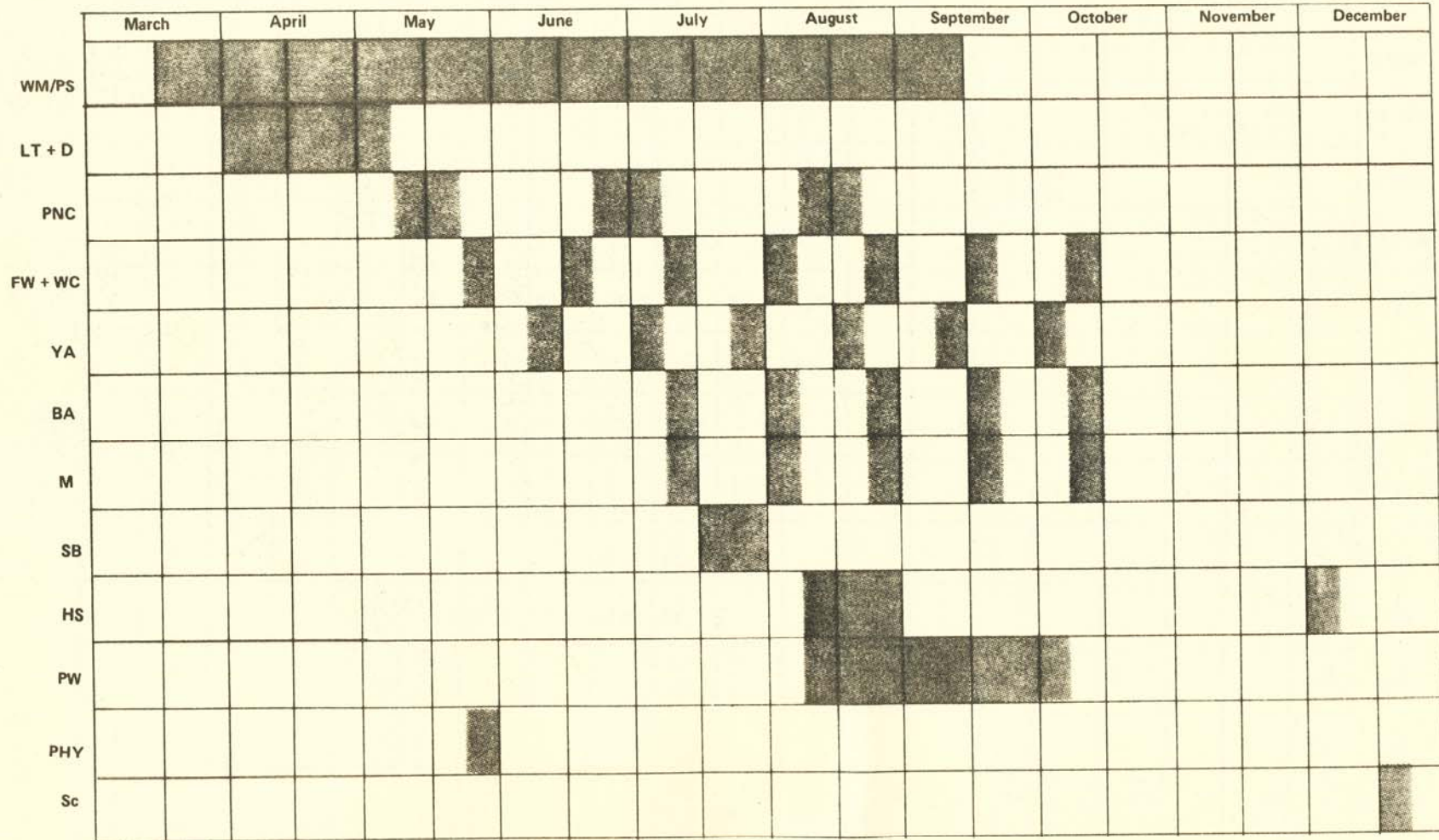
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7.1

ANNUAL MONITORING TIME ALLOTMENT

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	March		April		May		June		July		August		September		October		November		December	
WM/PS		.5 .5	.5 .5	.5 .5	.5 .5	.5 .5	.5 .5	.5 .5	.5 .5	.5 .5	.5 .5	.5 .5	.5 .5							
LT+D		1.6 1.6	1.6 1.6	1.6																
PNC					1.9 1.9	1.9 1.9		1.9 1.9	1.9		1.9 1.9	1.9								
FW+WC						1.9		1.9	1.9		1.9	1.9		1.9	1.9					
YA							1.6		1.6	1.6		1.6	1.6							
BA									1.6		1.6	1.6		1.6	1.6					
M									.6		.6	.6		.6	.6					
SB										1.25 1.25										
HS											.25	.5 .25							1.5	
PW											1.0	1.0 1.0	1.0	1.0	1.0	1.0				
PHY						1.6														
Sc																				1.9
TOTALS		2.1 2.1	2.1 2.1	2.1 .5	.5 4.3	4.3 4.0	.5 2.1	2.4 4.3	4.0 4.6	1.75 3.35	4.6 5.55	5.5 5.85	1.5 3.1	5.1 1.0	1.0 4.1				1.5	1.9
Per Two Weeks		4.2	4.2	2.6	4.8	8.3	2.6	6.7	8.6	5.1	10.15	11.35	4.6	6.1	5.1				1.5	1.9

Annual Requirement = 87.8 Hours

At \$ 5.00 Hour = \$439.00/50 acres

On 50 Acres = \$8.78 /Acre./Year

MONITORING TIME REQUIREMENTS

Weather Monitoring/Pecan Scab

30 minutes each week to change recording paper and assess the number of accumulated hours of 90 percent R.H. in the 70°-95°F range.

Leaf Tatterers and Defoliators

5 percent of 50 acres with 15 /trees/acre = 37.5 trees
37.5 trees x 2.5 minutes/tree (30 sec./leaf) = 1.6 hours.

Pecan Nut Casebearer

5 percent of 50 acres with 15 trees/acre = 37.5 trees
37.5 trees x 10 clusters per tree = 375 clusters
375 clusters x 3 minutes/tree (18 sec./cluster) = 1.9 hours

Fall Webworm and Walnut Caterpillar

5 percent of 50 acres with 15 trees/acre = 37.5 trees
37.5 trees x 3 minutes/tree = 1.9 hours

Yellow Aphids

5 percent of 50 acres with 15 trees /acre = 37.5 trees
37.5 trees x 2.5 minutes/tree (15 sec./leaflet) = 1.6 hours

Black Aphids

5 percent of 50 acres with 15 trees/acre = 37.5 trees
37.5 trees x 2.5 minutes/tree (30 sec./leaf) = 1.6 hours

Mites

Survey conducted at same time as black aphid survey
37.5 trees x 1 minute/tree (extra 11 sec./leaf) = .6 hours

Stink and Plantbugs

5 percent of 50 acres with 15 trees/acre = 37.5 trees
37.5 trees x 2 minutes/tree = 1.25 hours

Hickory Shuckworm

100 nut samples taken at harvest inspected for shuckworm damage = 1.5 hours

nut development checked for half-shell (August)

hardening = 5 trees x 3 nuts = 15 nuts

15 nuts x 1 minute/nut = 15 minutes

Pecan Weevil

30 cone emergence traps checked 6 times per week. 6 x 10 minutes = 1 hour

Phylloxera

5 percent of 50 acres with 15 trees/acre = 37.5 trees

37.5 trees x 2.5 minutes/tree (30 sec./leaf) = 1.6 hours

Scale

5 percent of 50 acres with 15 trees/acre = 37.5 trees

37.5 trees x 3 minutes/tree (1 min./limb) = 1.9 hours