BUREAU OF SHADE TREE MANAGEMENT AND PEST CONTROL

ANNUAL REPORT

FISCAL YEAR 1994

DISTRICT SUPERVISORS ACTIVITIES		
Municipal Assistance:	292	
SBA Activities:		
Number of Site Visits	58	
Number of Man Days	58	
Educational Programs:		
Attended	29	
Conducted	4	
Arbor Day Programs:		
Number of Programs	42	
Number of Seedlings Distributed	15,000	
Number of Telephone Inquires Answered:	643	
Number of Property Owners Assisted:	91	
Special Projects:		o ***
Gypsy Moth Monitoring	67	Man Days
Exotic Insect Survey		Man Days
Insect Population Surveys		Man Days
Forest Health Monitoring (Research)		Man Days
North American Maple Project		Man Days
Tree City USA Awards		Man Days
Lakes & Ponds Survey		Man Days
Assistance To Other Agencies		Man Days
SHADE TREE MANAGEMENT CREW ACTIVITIES		
Forest & Park Work:		
Number of Areas Assisted	76	
Number of Trees Pruned	1709	
Number of Trees Removed	1411	
Number of Stumps Removed	192	
Pesticide Applications	26	Man Days
Man Power Provided to Forest & Park	S	

Man Days

Areas

Assistance to Other Agencies:

Number of Agencies Assisted
Number of Man Days
32

URBAN FORESTRY ACTIVITIES

MASS ReLEAF Activities:

Total Number of Grants Funded	14
Dollars	\$24,148
Match	\$84,900
Number of Trees Planted	245

SBA Activities:

Total Numb	of of	Grants	Funded	35
Dollars				\$418,616
Match				\$548,604
Total Numb	of of	Trees	Planted	2,286

INSECT AND DISEASE ACTIVITY

- Gypsy Moth The population continues to decline with 79,695 acres defoliated. This downward trend is expected to continue and the heaviest defoliation will continue to be on the South Shore. No control programs were conducted.
- Oak Leaf Tier The population remain low. No defoliation was noted and no catches were recorded in the pheromone traps.
- Oak Leaf Skeletonizer The population are increasing in Worcester and western Middlesex Counties.
- Hemlock Woolly Adelgid The insect continues to spread. Two new infestations have been identified (Northampton and Seekonk). The Northampton infestation is a new county (Hampshire) bringing the total counties known to be infested to 6.
- Hemlock Looper (Lambdina fiscellaria) defoliated 1,633 acres in southern Berkshire County. This is the first time that damage from the fall flying hemlock looper has been recorded in Massachusetts. An egg survey indicated that we can expect moderate to severe defoliation next season. Most of the defoliation involves state forest lands and at the present time a control program is planned.
- <u>Larch Sawfly</u> population continue to remain stable with 25 acres of defoliation mapped.

Pear Thrips no defoliation was noted.

- Browntail Moth defoliated 168 acres on the outer Cape.
- Pitch Pine Looper caused 2,554 acres of defoliation in Plymouth and Barnstable Counties.
- Nantucket Pine Tip Moth caused damage to 8,019 acres in Barnstable County.
- Tar Spot on Norway Maple has increased in Northern Berkshire and Western Franklin Counties. This has caused premature leaf drop.
- Butternut Canker has been identified in Franklin and Worcester Counties.