BUREAU OF SHADE TREE MANAGEMENT AND PEST CONTROL

ANNUAL REPORT

FISCAL YEAR 1995

DISTRICT SUPERVISORS ACTIVI	LTIES
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Municipal Assistance:	185	•
SBA Activities:		
Number of Site Visits	56	
Number of Man Days	45	
Educational Programs:		
Attended	25	
Conducted	8	
		•
Arbor Day Programs:	•	
Number of Programs	42	
Number of Seedlings Distributed 18	,000	
Number of Telephone Inquires Answered:	588	
Number of Property Owners Assisted:	85	
Special Projects:		
Gypsy Moth Monitoring	85	Man Days
Exotic Insect Survey	10	Man Days
Insect Population Surveys	91	Man Days
Aerial Survey	 _	Man Days
Forest Health Monitoring (Research)	87	Man Days
North American Maple Project		Man Days
Lakes & Ponds Survey		Man Days
Hazard Tree Survey		Man Days
Wildflower Planting		Man Days
Measurement of Champion Trees		Man Days
Gypsy Moth Parasite Study	_	Man Days
Regional Projects		Man Days
SHADE TREE MANAGEMENT CREW ACTIVITIES		
	•	
Forest & Park Work:		
Number of Areas Assisted	77	
	, 364	
	, 238	
Number of Stumps Removed	223	
Pesticide Applications	52	Man Days
Man Power Provided to Forest & Parks		
Areas	443	Man Days

Assistance	to	Other	Ager	cies:
Number				

Number of Agencies Assisted Number of Man Days 3

Special Projects

Tornado Cleanup-Berkshire County

49 Man Days

URBAN FORESTRY ACTIVITIES

Number of Volunteer Groups Supported

150

Number of Tree City USA's:

Basic Award Growth Award

25

Urban Forestry Grants:

Grants Received
Dollars
Grants Funded
Dollars

34\$526,432

15 \$110,680

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Match Received

\$293,507

SBA Activities:

Total Number of Grants Received

48

Dollars
Grants Funded

\$596,813

*** Funding for this program was rescinded by the Federal Government.

Public Outreach:

Newspaper Articles
Educational Programs
Citizen Forester Bullitin (Editions)
INSECT AND DISEASE ACTIVITY

Gypsy Moth population continue to decline with 8,101 acres of defoliation recorded. This decline is the result of a buildup of parasites, predators and insect pathogens in the gypsy moth population. It is expected that the population will remain low for several years with only scattered defoliation noted. A buildup in the number of egg masses has been noted in the Hingham area, outer Cape, and in Berkshire county. See Map "A".

Oak Leaf Tier The population remain low. No defoliation was noted and no catches were recorded in the pheromone traps.

Hemlock Woolly Adelgid continue to spread. New infestations have been located in Holyoke, Westhampton, Yarmouth, Dennis, Shrewsbury, Leicester, Amherst, and Sutton. See Map "B".

- Hemlock Looper (Lambdina fiscellaria) population continued to cause defoliation in southern Berkshire County with 2,783 acres of defoliation recorded. In June 800 acres were treated in Tolland State Forest with Bt. Excellent results are reported at this time. In the fall, pheromone traps and egg sampling will be conducted to make populations estimates for next year.
- Browntail Moth in combination with an infestation of eastern tent caterpillar caused 1,185 acres of defoliation on the outer Cape.
- Nantucket Pine Tip Moth in combination with salt spray damage, drought, past pitch pine looper infestations and the attack by secondary pests such as the black turpentine beetle caused 4,117 acres of damage on the outer Cape.
- Fall Webworm continues to cause heavy defoliation statewide.
- Eastern Tent Caterpillar population remain heavy in Worcester and Middlesex Counties as well as on the outer Cape.
- Psiods or bark lice caused widespread homeowner concerns in Worcester and Southern Middlesex Counties. These insects are not injurious to plants but can become a nuisance to the homeowners.
- Boxelder Bugs prompted many calls from homeowners in areas where boxelder is grown. This insect does little damage to the plants but does cause homeowner concerns because of its habit of invading homes seeking a sheltered place to spend the winter.
- Gouty Oak Gall is increasing in the Towns of Carver, Plymouth, Halifax, Taunton and Lakeville, The wasp causing this gall formation does not normally cause concern, however it these towns the insect population is unusually high and some tree mortality is possible.
- Cankerworm both the spring and fall species caused heavy defoliation in Hingham, Weymouth, Cohasset, Scituate, and Norwell.
- Arborvite Leaf Miner caused extensive damage in ornamental plantings in Berkshire County.
- Maple Petiol Borer on Sugar Maple caused many calls from throughout Central and Southern Worcester County.

Tar Spot has declined in central and northern Berkshire County. Where the infestation was heavy, premature leaf drop was noted. It is believed the decline of this disease is a result of the dry weather.