

## Survey of Damage Caused by Forest Insects in the Southeast, CY 2005

### *Damage Class A -- Mortality (sorted by state and/or reporting organization)*

State/ Org.	Insect*	Ownership*	Documented Damage			Estimated Damage			TOTAL DAMAGE		
			MBF	Cords	Value	MBF	Cords	Value	MBF	Cords	Value
AL	SPB	S&P				1,944	11,840	\$ 893,520	1,944	11,840	\$ 893,520
AL	SPB	Fed.	1,975	16,200	\$ 835,500				1,975	16,200	\$ 835,500
FL	SPB	S&P				119	74	\$ 14,697	119	74	\$ 14,697
GA	BTB	S&P				500	1000	\$ 185,000	500	1,000	\$ 185,000
GA	IPS	S&P				2500	5000	\$ 1,300,000	2,500	5,000	\$ 1,300,000
GA	HWA	S&P				100		\$ 25,000	100		\$ 25,000
GA	HWA	Fed.				500		\$ 150,000	500		\$ 150,000
LA	BTB	S&P				50		\$ 16,250	50		\$ 16,250
LA	IPS	S&P				850	1900	\$ 296,100	850	1,900	\$ 296,100
MS	SPB	S&P				13		\$ 3,750	13		\$ 3,750
MS	SPB	Fed.	33,600	3825	\$ 1,651,500				33,600	3,825	\$ 1,651,500
NC	SPB	S&P				300	720	\$ 37,200	300	720	\$ 37,200
NC	BTB	S&P				23		\$ 5,400	23		\$ 5,400
NC	IPS	S&P				555	425	\$ 59,750	555	425	\$ 59,750
NC	PW	S&P					seedlings	\$ 8,850			\$ 8,850
OK	IPS	S&P				180		\$ 15,600	180		\$ 15,600
SC	SPB	S&P	1629	2313	\$ 520,817				1,629	2,313	\$ 520,817
SC	SPB	Fed.	600		\$ 9,000				600		\$ 9,000
SC	BTB	S&P					12500	\$ 250,000		12,500	\$ 250,000
SC	PW	S&P					seedlings	\$ 15,000			\$ 15,000
TN	SPB	S&P				36	24	\$ 8,567	36	24	\$ 8,567
TN	BTB	S&P					8	\$ 128		8	\$ 128
TX	BTB	S&P				294	220	\$ 99,700	294	220	\$ 99,700
TX	IPS	S&P				821	1,835	\$ 299,900	821	1,835	\$ 299,900
VA	SPB	S&P					600	\$ 12,000		600	\$ 12,000
VA	BTB	S&P				500	15,000	\$ 350,000	500	15,000	\$ 350,000
VA	IPS	S&P				500	15,000	\$ 350,000	500	15,000	\$ 350,000
VA	GM	S&P				3,000	3,000	\$ 125,000	3,000	3,000	\$ 125,000
VA	GM	Fed.				2,500	10,000	\$ 250,000	2,500	10,000	\$ 250,000
VA	HWA	S&P				1,000	500	\$ 100,000	1,000	500	\$ 100,000
VA	HWA	Fed.				2,000	500	\$ 225,000	2,000	500	\$ 225,000
<b>TOTAL</b>			<b>22,338</b>		<b>\$ 3,016,817</b>	<b>18,285</b>	<b>80,146</b>	<b>\$ 5,096,412</b>	<b>18,285</b>	<b>102,484</b>	<b>\$ 8,113,229</b>

**\*Abbreviations**

SPB = Southern Pine Beetle  
BTB = Black Turpentine Beetle

IPS = *Ips* Engraver Beetles  
LB = Locust Borer  
PW = Pales Weevil

MBB = Mixed Bark Beetles  
BWA = Balsam Woolly Adelgid  
GM = Gypsy Moth

HWA = Hemlock Woolly Adelgid  
S&P = State/Private Ownership  
Fed. = Federal Ownership

## Survey of Damage Caused by Forest Insects in the Southeast, CY 2005

### *Damage Class A -- Mortality (sorted by Insect and Ownership and compared to CY 2004)*

Insect*	Ownership*	CY 2005 TOTAL DAMAGE			CY 2004 TOTAL DAMAGE		
		MBF	Cords	Value	MBF	Cords	Value
SPB	S&P	4041	15,571	\$ 1,490,551	6,284	65,721	\$ 2,645,840
SPB	Fed.	36,175	20,025	\$ 2,496,000	13		\$ 3,750
BTB	S&P	1,367	28,728	\$ 906,478	698	2,813	\$ 252,166
IPS	S&P	5,406	24,160	\$ 2,321,350	1,724	8,002	\$ 631,560
MBB	S&P				12,500	4,000	\$ 1,430,000
PW	S&P			\$ 23,850		2,500	\$ 62,180
HWA	S&P	1,100	500	\$ 125,000	1,010	500	\$ 115,000
HWA	Fed.	2,500	500	\$ 375,000	2,100	500	\$ 375,000
GM	S&P	3,000	3,000	\$ 125,000	1,000	1,000	\$ 176,200
GM	Fed.	2,500	10,000	\$ 250,000	500	2,000	\$ 112,000
<b>TOTAL</b>		<b>56,089</b>	<b>102,484</b>	<b>\$ 8,113,229</b>	<b>25,829</b>	<b>87,036</b>	<b>\$ 5,803,696</b>

#### **\*Abbreviations**

SPB = Southern Pine Beetle  
 BTB = Black Turpentine Beetle  
 IPS = *Ips* Engraver Beetles  
 LB = Locust Borer  
 PW = Pales Weevil  
 MBB = Mixed Bark Beetles  
 GM = Gypsy Moth  
 HWA = Hemlock Woolly Adelgid

S&P = State/Private Ownership  
 Fed. = Federal Ownership

## Survey of Damage Caused by Forest Insects in the Southeast, CY 2005

### *Damage Class B -- Growth Reduction (sorted by state and/or reporting organization)*

State/ Org.	Insect*	Ownership*	TOTAL ESTIMATED DAMAGE		
			MBF	Cords	Value
GA	FTC	S&P	100	2,500	\$ 75,000
LA	BCLR	S&P	1,530		\$ 459,000
LA	FTC	S&P		39,750	\$ 636,000
NC	ETC	S&P		150	\$ 1,500
NC	FTC	S&P	25		\$ 2,500
TN	ETC	S&P	13,140		\$ 2,444,093
TN	RHPS	S&P		2	\$ 25
TN	TM	S&P		2	\$ 42
TN	WPW	S&P	1		\$ 85
TX	NPTM	S&P		6,250	\$ 112,500
VA	FC	S&P	200	500	\$ 40,000
VA	GM	S&P		3,000	\$ 50,000
VA	LL	S&P		2,000	\$ 32,000
VA	NPTM	S&P		10,000	\$ 162,000
<b>TOTAL</b>			<b>14,996</b>	<b>64,154</b>	<b>\$ 4,014,745</b>

#### **\*Abbreviations**

NPTM = Nantucket Pine Tip Moth  
 RHPS = Red-Headed Pine Sawfly  
 BCLR = Baldcypress Leafroller  
 FTC = Forest Tent Caterpillar  
 ETC = Eastern Tent Caterpillar  
 FC = Fall Canckerworm  
 GM = Gypsy Moth

COM = Common Oak Moth  
 PBA = Pine Bark Adelgid  
 YPW = Yellow Poplar Weevil  
 LL = Locust Leafminer  
 VPS = Virginia Pine Sawfly  
 TM = Tip Moth

S&P = State/Private Ownership

## Survey of Damage Caused by Forest Insects in the Southeast, CY 2005

### *Damage Class B -- Growth Reduction (sorted by Insect and compared to CY 2004)*

Insect*	Ownership*	CY 2005 TOTAL DAMAGE			CY 2004 TOTAL DAMAGE		
		MBF	Cords	Value	MBF	Cords	Value
NPTM	S&P		16,250	\$ 274,500		21,728	\$ 363,675
RHPS	S&P		2	\$ 25		563	\$ 9,615
BCLR	S&P	1,530		\$ 459,000	7,800		\$ 2,324,000
FTC	S&P	125	42,250	\$ 713,500	120	84,500	\$ 1,923,000
ETC	S&P	13,140	150	\$ 2,445,593	267,520	200	\$ 3,175,480
FC	S&P	200	500	\$ 40,000	40,200	500	\$ 52,100
GM	S&P		3,000	\$ 50,000		1,000	\$ 16,200
FW	S&P				10,000		\$ 5,000
TM	S&P		2	\$ 42		5,213	\$ 99,000
LL	S&P		2,000	\$ 32,000		2,000	\$ 32,400
COM	S&P				12,646		\$ 4,059,366
WPW	S&P	1		\$ 85			
<b>TOTAL</b>		<b>14,996</b>	<b>64,154</b>	<b>\$ 4,014,745</b>	<b>338,286</b>	<b>115,704</b>	<b>\$ 12,059,836</b>

#### **\*Abbreviations**

NPTM = Nantucket Pine Tip Moth

RHPS = Red-Headed Pine Sawfly

PBA = Pine Bark Adelgid

BCLR = Baldcypress Leafroller

FTC = Forest Tent Caterpillar

ETC = Eastern Tent Caterpillar

FC = Fall Canckerworm

GM = Gypsy Moth

VPS = Virginia Pine Sawfly

COM = Common Oak Moth

TM = Tip Moth

WPW = White Pine Weevil

LL = Locust Leafminer

FW = Fall Webworm

S&P = State/Private Ownership

## Survey of Damage Caused by Forest Insects in the Southeast, CY 2005

### *Damage Class C -- Seed and Cone (sorted by Insect and Ownership and compared to CY 2004)*

Insect	Ownership	CY 2005 TOTAL DAMAGE		CY 2004 TOTAL DAMAGE	
		Lbs. of Seed	Value	Lbs. of Seed	Value
Seedbugs	S&P	58	\$ 3,480	75	\$ 9,000
Seedbugs	Fed.	5,000	\$ 1,250,000	5,000	\$ 1,250,000
Coneworms	S&P	35	\$ 1,930	100	\$ 12,000
Coneworms	Fed.	5,000	\$ 1,750,000	6,000	\$ 2,000,000
Cone beetle	S&P				
Cone beetle	Fed.	500	\$ 750,000	500	\$ 750,000
Acorn weevil	S&P	890	\$ 4,897		
Acorn weevil	Fed.	500	\$ 750,000	500	\$ 750,000
AI	Fed.			50	\$ 100,000
SCGM	Fed.	negligible	negligible	negligible	negligible
All other					
<b>TOTAL</b>		<b>11,983</b>	<b>\$ 4,510,307</b>	<b>12,225</b>	<b>\$ 4,871,000</b>

SCGM=Southern Cone Gall Midge

AI=other Acorn Insects

## Survey of Damage Caused by Forest Insects in the Southeast, CY 2005

### *Damage Class D -- Miscellaneous (sorted by state and/or reporting organization)*

State/ Org.	Insect*	Owner ship*	Documented Damage			Estimated Damage			TOTAL DAMAGE		
			# of Trees	# of Acres	Value	# of Trees	# of Acres	Value	# of Trees	# of Acres	Value
GA	PW	S&P				150,000	2,000	\$ 17,500	150,000	2,000	\$ 17,500
LA	PW	S&P					500	\$ 75,000	-	500	\$ 75,000
TN	IPS	S&P				42		\$ 88	42		\$ 88
TN	LPS	S&P				610		\$ 128	610		\$ 128
TN	OB	S&P				432,600,000	8,652,000	\$ 8,933,190	432,600,000	8,652,000	\$ 8,933,190
TX	PW	S&P				225,300	375	\$ 11,265	225,300	375	\$ 11,265
TX	TA	S&P				550,000	925	\$ 88,000	550,000	925	\$ 88,000
VA	OB	S&P				200,000		\$ 10,000,000	200,000		\$ 10,000,000
VA	OB	Fed.				100,000		\$ 5,000,000	100,000		\$ 5,000,000
<b>TOTAL</b>						<b>433,825,952</b>	<b>8,655,800</b>	<b>\$ 24,125,171</b>	<b>433,825,952</b>	<b>8,655,800</b>	<b>\$ 24,125,171</b>

#### **\*Abbreviations**

BTB = Black Turpentine Beetle  
 IPS = *Ips* Engraver Beetles  
 BW = Bagworms  
 PW = Pales Weevil  
 FW = Fall Webworm  
 LPS = Loblolly Pine Sawfly

SC = Spring Cankerworm  
 TA = Town Ant  
 OB = Oak Borers  
 FW = Fall Webworm  
 GH = Grasshoppers  
 BHPS = Black-Headed Pine Sawfly

S&P = State/Private Ownership  
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## Survey of Damage Caused by Forest Insects in the Southeast, CY 2005

### *Damage Class D -- Miscellaneous (sorted by Insect and Ownership and compared to CY 2004)*

Insect*	Ownership*	CY 2005 TOTAL DAMAGE			CY 2004 TOTAL DAMAGE		
		# of Trees	# of Acres	Value	# of Trees	# of Acres	Value
PW	S&P	375,300	2,875	\$ 103,765	400,320	2,417	\$ 30,000
LPS	S&P	610		\$ 128	1,047		\$ 240
TA	S&P	550,000	925	\$ 88,000	504,600	3,841	\$ 81,500
OB	S&P	432,800,000	8,652,000	\$ 18,933,190	657,600	2,000	\$ 19,133,190
OB	Fed.	100,000		\$ 5,000,000	100,000		\$ 5,000,000
IPS	S&P	42		\$ 88	250,000	20,000	\$ 5,000
<b>TOTAL</b>		<b>433,825,952</b>	<b>8,655,800</b>	<b>\$ 24,125,171</b>	<b>1,913,567</b>	<b>28,258</b>	<b>\$ 24,249,930</b>

#### **\*Abbreviations**

SC = Spring Cankerworm  
 IPS = *Ips* Engraver Beetles  
 ETC = Eastern Tent Caterpillar  
 PW = Pales Weevil  
 BW = Bagworms  
 LPS = Loblolly Pine Sawfly  
 SPB = Southern Pine Beetle  
 FC = Fall Cankerworm

BHPS = Black-Headed Pine Sawfly  
 TA = Town Ant  
 OB = Oak Borers  
 BTB = Black Turpentine Beetle  
 GH = Grasshoppers  
 FW = Fall Webworm  
 ELB=Elm Leaf Beetle

S&P = State/Private Ownership  
 Fed. = Federal Ownership