

1985 MAPLE DECLINE CODES

PLOT LAYOUT  
1 Line  
2 Group

County - Addison	1
Bennington	2
Caledonia	3
Chittenden	4
Essex	5
Franklin	6
Grand Isle	7
Lamoille	8
Orange	9
Orleans	10
Rutland	11
Washington	12
Windham	13
Windsor	14

GROUND COVER: Indicate lowest number that applies for 5 milacre (3.7' radius) plots

1. Advanced Sugar maple (over 3')
2. Any Sugar Maple
3. Softwood
4. Raspberry
5. Other woody plants
6. Fern
7. Grass
8. Other

SOIL - Outcrops	0 = Absent
	1 = Present
Disturbance	0 = Not disturbed
	1 = Disturbed
6" Sample	0 = Not sampled
	1 = Sampled

STAND CONDITION (Record last)  
(Avoid suppressed trees)

1. Excellent - overall stand healthy
2. Good - some dieback but not alarming
3. Fair - obvious dieback present - a potential problem
4. Poor - Serious dieback and death of trees

Mottled	0 = Not mottled
	1 = Mottled

Depth to Hardpan - In Centimeters

TREE DATA (2.0" DBH & up)(Use Numbers)

- 50*
- Species
1. SM Sugar Maple
  2. RM Red Maple
  3. AP Striped maple
  4. YB Yellow Birch
  5. WB White birch
  6. QA Aspen (poplar)
  7. WA White Ash
  8. BE Beech
  9. BC Cherry
  10. AE Elm
  11. HY Hickory
  12. OK Oak
  13. IW Ironwood (Hophornbeam)
  14. HK Hemlock
  15. WP White Pine
  16. BF Fir
  17. SP Spruce
  18. HD Hardwood
  19. CN Conifer

PROBLEM LOCATION

1. edge
2. pocket
3. scattered

PLOT DATA

SLOPE: degrees slope  
ASPECT: degrees azimuth

TAPPING METHOD: 0 = Untapped  
1 = Buckets  
2 = Tubing  
3 = Tubing w/vacuum

CLOSURE: 0 = Open  
1 = Partially closed  
2 = Closed

GRAZING: 0 = None  
1 = Light  
2 = Moderate  
3 = Heavy

DBH: diameter at breast height to nearest 1/10 inch.

CROWN CLASS

- 1 Dominant/Codominant
- 2 Intermediate
- 3 Overtopped
- 4 Stump (with bark on)

CROWN CONDITION (LIVE CROWN)

1. Healthy, foliage green, <10% dead crown branches, leaf size normal.
2. Fair health, foliage off-color, 10-50% dead crown branches, abnormal leaf size.
3. Poor health, foliage off-color, abnormal leaf size, >50% dead crown branches.
4. Dead, no foliage alive.

DIEBACK

- 0 = Healthy
- 1 = < 25%
- 2 = 25-50%
- 3 = 50-75%
- 4 = > 75%
- 5 = Dead

NUMBER OF YEARS DEAD

1. Fine twigs and buds present, bark tight.
2. Buds & some fine twigs gone, bark loosening.
3. Most fine twigs gone, bark loose & sloughing.
4. + All fine twigs gone, much or all bark sloughed.

(STOP IF NON-MAPLE)

INJURIES (Use these codes unless otherwise specified)

- 0 = absent
- 1 = present
- 2 = cause of decline or death

Sapstreak: 0 = not sampled  
 1 = sampled, no streaking  
 2 = sampled, streaking

Logging: 0, 1 or 2

Sugar Maple Borer: 0, 1 or 2

Cankers: 0, 1 or 2

Birds/Animals: 0, 1 or 2

Stem Rot: 0, 1 or 2

Defoliation: 0 = Absent  
 1 = less than 10%  
 2 = 10-50%  
 3 = > 50%

Defoliators: 0 = Absent  
 1 = Maple Leaf Cutter  
 2 = Leaf Roller  
 3 = Tent Caterpillar or Gypsy Moth  
 4 = Spring Injury - Thrips  
 5 = Other

Leaf Scorch: 0 or 1  
 Leaf damage: 0 or 1 (=other leaf symptoms)  
 Grazing: 0, 1 or 2  
 Root Collar Rot: 0, 1 or 2  
 A. mellea: 0 = absent  
 1 = Rhizomorphs  
 2 = Mycelial Fans  
 3 = Mushrooms  
 4 = Combination

Tapping: 0 = not tapped  
 1 = tapped  
 2 = tapped in 1985

Severity 1 = less than 1977 recommended rate  
 2 = at 1977 recommended rate  
 3 = more than 1977 recommended rate

1977 RECOMMENDED RATES

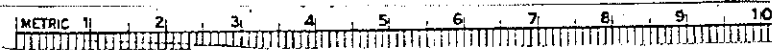
DBH	No. of Tapholes
Less than 10"	0
10"-14"	1
15"-19"	2
20"-24"	3
25"+	4

No. of Holes Open:

Animal Damage to Tubing: 0 = Tubing Absent  
 1 = Tubing present, No damage  
 2 = Tubing present, Damage

Taphole Closure: 1 = Poor Closer  
 2 = Good Closer

Cored (1st Codom/Dom Sugar Maple) 0 = No increment core taken  
 1 = Increment core taken



BUSH HISTORY

Paraformaldehyde Ever Used 0 = No  
 1 = Yes

Grazing Ever grazed 0 = No  
 1 = Yes

Reason for cutting 0 = Improvement  
 1 = Some Salvage  
 2 = Mostly salvage (Over half)

Elevation in 100's of ft.

OBSERVER'S COMMENTS - ON BACK

TREE DATA		TAPPING		GROWTH		BUSH HISTORY																													
TREE NUMBER	SPECIES	DBH	CROWN CLASS	CROWN CONDITION	DIEBACK	NO. YEARS DEAD	SAPSTREAK	LOGGING	S.M. BORERS	CANKERS	BIRD & ANIMAL	STEM ROT	DEFOLIATION	DEFOLIATORS	LEAF SCORCH	LEAF DAMAGE	GRAZING	ROOT COLLAR ROT	ARMILLARIA	TAPPED	SEVERITY	NO. HOLES OPEN	ANIMAL DAMAGE TO TUBING	TAP HOLE CLOSURE	CORED	WIDTH OF LAST 5 RINGS (MM)	WIDTH OF LAST 10 RINGS (MM)	# OF YEARS	YEAR LAST DEFOLIATED	EVER USED	YEAR LAST USED	EVER GRAZED	YEAR LAST GRAZED	REASON FOR CUTTING	ELEVATION

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DATE	BUSH DATA	PLOT DATA	
DAY	COUNTY	PLOT NUMBER	DEPTH TO HARD-PAN (CM)
MONTH	BUSH NUMBER	SLOPE	
YEAR	STAND CONDITION	ASPECT	
PLOT LAYOUT	PROBLEM LOCATION	TAPPING METHOD	
		CLOSURE	
		GRAZING	
		GROUND COVER	
		OUTCROPPING	
		DISTURBANCE	
		SAMPLE	
		MOTTLED	

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