



MAPLE SYRUP

DIGEST



Vol. 2A No. 4

MAILED BY 12-1-90

December 1990

Address Correction
Requested to:
Canterbury, NH 03224

BULK RATE
U.S. POSTAGE PAID
CANTERBURY, NH
PERMIT NO. 14

U.S. MAPLE, Inc.

TUBING • SPOUTS • TEES • Y's • CONNECTORS



SAVE LABOR & INCREASE EFFICIENCY

With a modern

U.S. Maple Tubing System

FOR COMPLETE INFORMATION CALL THE DEALER NEAR YOU

Owner	Bascom's Sugar House - RR 1, Box 138, Alstead, NH 03602	603-835-6361, 835-2230
Owner	Troy Firth - 136 Mechanic St., Spartansburg, PA 16434	814-654-7265
Owner	Maple Syrup Supplies, PO Box 245, Pottersville, MI 48876	517-645-7305
Owner	Mayotte's Maple Products - RD 2, E. Fairfield, VT 05448	802-849-6810
VT	Jack Carpenter - 166 Osgood Hill Rd., Essex Jct., VT 05452	802-878-5996
	Francis Carlet - E. Peacham, VT 05862	802-592-3336
	Martin Collins - RFD 3, Putney, VT 05346	802-387-5757
	Palmer Hunt - Box 304, Rt. 15, Jeffersonville, VT 05464	802-644-5627
	Coombs Maple Products, Inc. - Jacksonville, VT 05342	802-368-7506
	Nate Danforth - US Rte. 2, Box 284B, E. Montpelier, VT 05651	802-229-9536
	Hilton Foote - Cornwall Cider Mill Rd., Middlebury, VT 05763	802-462-2472
	Raymond Kinney - HC Box 230, E. Berkshire, VT 05443	802-933-4627
	Andy Messier - Box 337, Hardwick, VT 05843	802-472-5973
	Bill Moore - Morgan, VT 05853	802-895-2764
	Peter Purlington - RD 1, Box 1900, Richmond, VT 05477	802-434-4385
	Gary Rapanotti - PO Box 828, Springfield, VT 05156	802-885-3376
NH	David Fuller - 13 Water Street, Lancaster, NH 03584	603-788-2719
	Bill Nichols - Nichols Hardware, Lyme, NH 03768	603-795-2214
	Richard Moore - Sunnyside Maples, RD 8, Concord, NH 03301	603-267-8217
	Merrimack Farm & Country Store - Main St., Bradford, NH 03221	603-938-2211
	Frank Owen - Colebrook, NH 03576	603-237-4432
MA	Jeff Mason - Red Bucket Sugar House, Kinne Brook Rd., Worthington, MA 01098	413-238-7710
	Will Shattuck - Devon Lane Farm, Belchertown, MA 01007	413-323-6607
CT	Louis Berecz - 41 Washington Rd., Woodbury, CT 06798	203-263-3996
	Lamothe's Sugar House - 89 Stone Rd., Burlington, CT 06013	203-582-6135
ME	Smith's Maple Products - 36 Middle St., Skowhegan, ME 04976	207-474-3380
	Raymond Tiltcomb - Maine Maple Products, Farmington, ME 04938	207-778-3803
NY	Warren Allen - RD Box 254, Castorland, NY 13620	315-346-6706
	David Baitscholtz - Box 107, Rensselaerville, NY 12147	518-797-3402
	Frank Brodie - County Rt. 34, Westford, NY 13488	607-264-3225
	William Campbell - PO Box 129, Smyrna, NY 13464	607-627-6653
	The Davenport - 228A Brink Rd., Van Etten, NY 14899	607-589-6626
	T.B. Hobbs & Son - Ellenburg Center, NY 12934	518-594-3869
	Jeff Howe - RD 2, Ft. Ann, NY 12827	518-634-5317
	Charles Metzger - Crane Mt. Maple Products, Box 34, Warrensburg, NY 12885	518-623-2226
	David Nascimbene - Glen Durham Sugar House, Cairo, NY 12413	518-622-6978
	Victor Putnam - RD 1, Cobleskill, NY 12043	518-234-4726, 234-4858
	Randy Sprague - 51 Maple Ave., Portville, NY 14770	716-933-6637
	Todd's Sugarhouse - Rt. 1, Box 470, Norwood, NY 13668	315-353-2808
PA	Dale Jeffrey - W. Salisbury, PA 15565	814-662-2934
MI	Dodd's Sugarshack - 1654 Dodd Rd., Niles, MI 49120	616-683-3283
	Elm River Sugarbush - Ted Johnson, Rt. 1, Box 104, Toivola, MI 49965	906-288-3434
OH	David Stump - New Washington, OH 44854	419-492-2731
WI	Jeff Nordby - Prairie Farm, WI 54762	715-455-1529
	Polak's Sugar Bush - Rt. 2, Merrill, WI 54425	715-536-4032
VA	Ivan Puffenbarger - Star Rt. B, Box 70, Blue Grass, VA 24413	703-474-2771

**OWNED AND OPERATED BY SUGARMAKERS WITH EXTENSIVE
TUBING EXPERIENCE, CONCERNED ABOUT QUALITY AND SERVICE.**

Home of the Famous Cabin Can



Coming
Soon!
New 8.45 oz.
size

☐ We have the **BEST PRICES!**

☐ All cans in stock year-round.

☐ No lead in side seams.



75 Jonergin Drive
Swanton, VT 05488
802/868-3171



MAPLE SYRUP DIGEST

Official publication of the
NORTH AMERICAN
MAPLE SYRUP COUNCIL

DIRECTORY

Published and Edited by:

ROY S. HUTCHINSON

P.O. BOX 240

CANTERBURY, NH 03224

Phone: 603-783-4468

Published four times a year

(Feb., June, Oct., Dec.)

Postage paid at:

Canterbury, NH 03224

FIELD EDITORS

Conn.	Darrell Russ 203-542-2090 Westside Rd., Norfolk, CT 06058
Maine	Robert S. Smith . . . 207-474-3380 36 Middle Street Skowhegan, ME 04976
Mass.	James Graves 413-625-9066 R.D. 1, Shelburne Falls, MA 01370
Mich.	Frank Majszak 616-228-5835 R.D. 1, Baatz Road Maple City, MI 49664
Minn.	Wanda Patzolt 218-326-5769 3001 Horseshoe Lake Road Grand Rapids, MN 55744
N.H.	Frank H. Owen 603-237-4432 35 Bridge Street Colebrook, NH 03576
N.S.	Maxwell Spicer 902-392-2823 Spencers Island NS, Canada BOM 1S0
Ohio	Ture Johnson 216-834-4206 Box 241, Burton, OH 44021
Ont.	Bill Robinson 519-529-7857 RR 2, Auburn, Ont., Canada
Penn.	Jim Tice 717-549-5257 R.D. 1, Box 29 Mainesburg, PA 16932
Vt.	Ray Foulds 802-864-6305 5 Clover Street So. Burlington, Vt. 05403-5913
Wisc.	Roland Jorns 414-868-3161 4518 Highway T Egg Harbor, WI 54209
N. Eng.	Sherb Doubleday . . . 802-334-2793 Newport, VT 05855

NORTH AMERICAN MAPLE COUNCIL DIRECTORY OF OFFICERS

Wilson "Bill" Clark President	
Wells, VT 05774	802-325-3203
Lynn Reynolds Vice-President	
Hortonville, WI 54944	414-779-6672
Carl Vogt Secretary/Treasurer	
Osseo, MN 55369	612-425-3742

DIRECTORS

Richard Norman 203-974-1235	
Woodstock, CT 06281	
Robert S. Smith 207-474-3380	
Skowhegan, ME 04975	
Edward A. McColgan . . . 413-634-5529	
Cummington, MA 01026	
Frank Majszak 616-228-5835	
Maple City, MI 49664	
Jim McClellan 506-328-2945	
Woodstock, NB EOJ 2B0	
Roy Hutchinson 603-783-4468	
Canterbury, NH 03224	
Avard Bentley 902-548-2973	
West Chester Sta., NS BOM 2A0	
Arthur Merle 716-535-7136	
Attica, NY 14011	
Ture Johnson 216-834-4206	
Burton, OH 44021	
Bill Robinson 519-529-7857	
RR 2, Auburn, Ont. NOM 1EO	
Dale Jeffreys 814-662-2904	
West Salisbury, PA 15565	
Roland Jorns 414-868-3161	
4518 Hwy. T, Egg Harbor, WI 54209	

DIGEST ADVERTISING RATES

2 Page Spread	\$450.00
Full Page	240.00
1/2 Page Vert. or Horz.	135.00
Column Inch	19.00
Classified	70¢ per word
Deadline for copy: First of the month preceding date of issue.	

SUBSCRIPTION RATES:

United States:	1 year — \$3.00
	2 years — \$5.00
Canada, US funds:	1 year — \$4.00
	2 years — \$7.00



EDITORIAL

At the NAMSC Meeting in Batavia, a couple of people complained that they had just received their copy of the Digest, and wanted to know if it was mailed by the date on the cover. Let me assure you that it was. It was in the post office in September. This issue will be in the post office by November 30. It is pre-sorted and should go directly to each state for distribution. I don't know what can be done about the delays except to complain to your representative in congress.

There were a number of returns this time for address changes. If you are moving in the future please send me your new address, every returned Digest costs an additional \$.30 to get it back, plus another \$.45 to send it to the correct address. The post office will not deliver it even in the same post office if the box number is wrong.

I will be looking for copy from all the field editors for next issue, so for those whom we have not heard from in awhile — how about it?

Have a Happy and Joyous Holiday Season.

Editor



CONNECTICUT ANNUAL WORKSHOPS

Connecticut will hold their annual workshops on January 19, 1991. University of Connecticut Storrs campus, Storrs Connecticut.

*John & Ellen
Wish Everyone*

a

*Merry Christmas
and*

a Good 1991

Maple Season

**Have you got your
supplies for 1991?**

Representing:

**G.H. GRIMM
SMALL BROS.
US MAPLE
SUGARHILL
& others**

**BULK SYRUP
We buy & sell**

607-656-4058

**Hours: Daily 9 - 5
except SUNDAY**

Smada Farms Inc.

Rt. 41 North
HC 75 Box 945
Greene, NY 13778

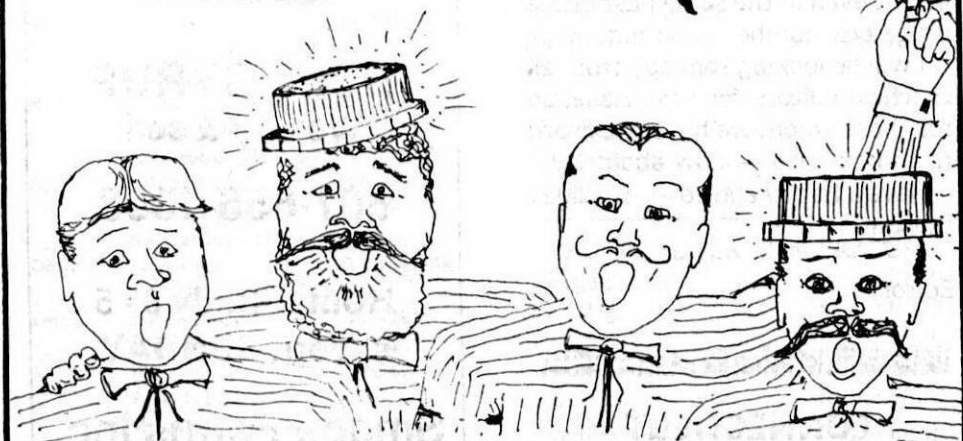
sugarhill

CONTAINERS

Main Street, Sunderland, MA 01375

Presents...

The ^{AMPER VIDENT} T.E. Tops



"HAPPY HOLIDAYS"

GREETINGS FROM THE PRESIDENT



Late October saw many of us heading for the annual meeting of North American Maple Syrup Council, hosted this year by the New York Maple Producers Association, at Batavia, New York.

This turned out to be a good down to earth conference. Two hours Sunday evening allowed the directors ample time to discuss NAMSC concerns and business matters.

After supper, former state extension forester, Fred Winch took many of us back through memory lane with his slide collection of over the years of maple sugaring in New York state. Thanks Fred! Eight A.M. Monday morning the NAMSC business session started. We were welcomed by Earl Parker President of the New York State Maple Producers Association. State and provincial reports were heard indicating not a great year in maple in most places.

The Maple Digest report was given given by Lloyd Sipple retiring editor and Roy Hutchinson the new editor. They reported a smooth transition from one to the other on July 1, 1990. Roy was commended for his timely first issue, which was dedicated to Lloyd Sipple. Carl Vogt's treasurer report indicated that finances were in good order and Lynn Reynolds reported on the research fund which totaled just

over \$36,000 on September 30, 1990.

The Council received six requests this year for funding consideration, which was the most any year to date.

The council session recessed at noon until Tuesday afternoon.

Monday afternoon and much of Tuesday was devoted to technical and research sessions, well co-ordinated by Lou Staats of Cornell University. A lot of time was dwelt on thrips research and progress. It's good to see the progress being made on this new pest. Two hours Tuesday morning we had the honor of IMSI holding its annual meeting with us under President Juan Reynolds.

The group revealed an ambitious program for the 1991 year. A lot of discussion centered around the Canadian maple bank and the maple marketing order and their effects on the surplus of syrup, pricing, etc. for nearly one hour Steve Selby of Small Brothers did an excellent job fielding questions and answers to the entire Canadian production-marketing situation. We realized of course that the considerable surplus in Canada will likely affect our U.S. markets for at least the next two years. Monday evening was the annual banquet. After an excellent meal, special honor was given to Lloyd Sipple for his many untiring years of producing "The Maple Syrup Digest". While twenty-eight was the acknowledged number, in reality it was *twenty-nine* dedicated years.

Also honored was Bob Lamb for his many dedicated years and contributions to the maple industry.

Both Lloyd and Bob had some choice comments and stories to tell. Awards were also given out for the best entries of maply syrup.

We were most honored in having as keynote speaker, Gordan Conklin, editor of "The American Agriculturist". Gordan tells it like it is and has a far reaching concept of what north-east agriculture is and what should continue to be. Our sincere thanks to Gordan.

Tuesday afternoon the council dealt with the six research funding requests, after hearing recommendations from the research committee one request was turned down as there was considerable doubt to its merits, \$36,000 was divided up amongst the other five requests. The most ever granted. It was noted by Lynn Reynolds that another \$15,000 has been received in contributions since October 1st.

Russ Davenport reported on the progress of the new U.S. Maple Manual, things seem to be on schedule. Looks like about a year yet to completion.

Federal funding for all maple states crop reporting looks very bleak. A committee was formed to explore state and industry funding or possible 3-way funding. Routine business was finished and we adjourned.

I want to thank everyone who worked so hard to make the meeting a great success. Special thanks to Roger and Arthur and the New York Maple Producers and Lou Staats for the very productive meeting.

Sincerely,

Wilson "Bill" Clark, President

THANK YOU

Thanks to all who attended the North American Maple Syrup Council meeting at the Sheraton Inn, Batavia, NY, October 21, 22 and 23, 1990. Everything went extremely well and we hope you had an enjoyable time and a learning experience. The staff of the Sheraton said the NAMSC was the best group they had every hosted.

A special thanks is in order for Lew Staats, who spent a great deal of time organizing the technical sessions.

We also wish to thank the people who worked at the planning, organizing and working at the registration table for the meeting. These people include: Art and Florence Merle, Lyle and Norma Spaulding, John and Betty Cheney, Lyle and Dottie Merle, Eric Randall, Lloyd and Mary Lou Sipple, Harold and Evelyn Tyler and Earl and Pat Parker.

Also thanks to Gordon Conklin for taking time out of his busy schedule to be with us and Fred Winch for his wonderful slide show. The commercial exhibitors deserve a hand for the great display of equipment at the meeting.

It was a great pleasure working with everyone and wonderful to see such a great turnout of over 200 people. Thanks again.

Roger and Cindy Sage

LETTERS TO THE EDITOR

Dear Friends,

Mary Lou and I returned home last Tuesday in a downpour. Probably should have stayed over but neither of us were thinking very well — still up on cloud nine from the evening before.

At the banquet we were both over-whelmed and since Mary Lou doesn't like to talk in front of a crowd, it was left up to me. My emotions made talking very difficult and I couldn't think at all, consequently, many things went unsaid.

As we drove home, we decided a note of thanks in the Digest would be best. But just saying thanks doesn't begin to express our feelings. So, as so many times in the past, I'm going to have to call on my "assistant" editor once more to help me out.

First, a big thank you to Bill Clark for his recognition of both of us.

Then, many thanks to Roger Sage, Harold Tyler and Bob Lamb for the beautiful plaque and their "kind" remarks, and to the rest of the organization committee who set up the program (behind our backs). What fun we have "roasting" each other!

And thank you Ed Curtis and the Pennsylvania Maple Syrup Council for the maple leaf clock and Bob Hess who designed and built it.

Thanks to all our friends who have sent cards and letters on our "retirement." We thank everyone for 28 wonderful years.

God bless you all,
Lloyd and Mary Lou

P.S. Most of all — thank you Roy for taking over the Digest so efficiently, for making Lloyd a "cover boy" on your first issue and to Roger Sage and Bill Clark for their flattering editorials.

LETTERS TO THE EDITOR

Dear Editor:

I was glad to see the October issue arrive, but surprised to see in it that Mr. Meyers recommending that we pack in glass containers.

Glass is fine for what we bring to the house for home use, but most consumers I meet don't want glass. Pure maple in a glass container looks like a urine sample. Consumers seem to want to be romanced a little with pictures and informative words, and it's difficult to have much of a label on glass. Metal cans and plastic jugs

have interesting stuff printed on them, or anyone could make up their own propaganda to be printed on a custom jug for just \$50.00 per silkscreen.

Glass is harder for me to pack. I can't figure out, without reboiling and refiltering, how to eliminate the sugar sand in the glass bottle, which looks bad. Have never seen any sugar sand when emptying a retail can or jug; possibly in those containers the sand sticks to the sides when being poured out.

We used to recycle all our containers, until a State inspector told

me that these are single-use containers unless we get a special license and bonding, and sterilize in a special way. (This inspector hasn't met many of my neighbors, since lots of "extra" jug caps and tin innerseals are used hereabouts.) See the number "2" in the triangle on the bottoms of the plastic? This shows which plastic it is. Our local county Solid Waste and Recycling Authority accepts these containers for grinding and remanufacture into irrigation pipe.

Ever try shipping glass containers or driving it to market? The local UPS won't take maple in glass bottles. One neighbor said his liability insurance would be higher if packing in glass, due to the little glass chips which sometimes split off under the caps. Metal cans a few years ago did seem to rust too soon, but these now seem to be of better quality, being slow to rust if stored in a box which is taped shut.

There seems to be two advan-

tages of packing in glass, if selling maple to others — If bought by the tractor-trailer load, glass is less expensive per size than any other containers, and also once packed and warehoused the maple syrup packed in glass should look and taste about the same six months or six years from now. But these advantages only seem to work for the benefit of the big packing corporations. Maybe you've noticed their stuff in your local supermarket, where they've been having a price war the past two years, with some of it being sold by one hustler for less than the cost of production (\$1.28 for 8 1/2 ounce glass including broker, distributor, etc). If the big guys want to dump their pure maple using glass bottles, I'd rather compete with an attractive and informative container that is not glass.

Yours,

Warren Allen, Castorland, NY

American Maple Products

Newport, Vermont 05855

- produces maple syrup,
- Buys bulk Maple Syrup from other producers.
- packs Pure Maple Syrup.
- makes Maple Candies, Maple Sugar and Maple Butter,
- wholesales these products to the retailer
- and supplies leading food manufacturers with Bulk Maple Syrup or Maple Sugar.

CAN WE HELP YOU WITH YOUR MAPLE REQUIREMENTS?

TEL: 802-334-6516

Research Proposal Guidelines

Research projects may be submitted for consideration based on the following guidelines:

(1) Proposals must be received no later than July 1, 1991 for consideration in 1991. Proposals received after that date will be considered in 1992.

(2) Proposals shall be complete and detailed in content. However, proposals shall contain a short concise cover statement briefly explaining cost, scope, objective, procedure, and anticipated value to the maple industry.

(3) Proposals shall contain detailed estimated cost breakdown, within the detailed report.

(4) Proposals shall be submitted

with a minimum of thirty-six (36) complete copies.

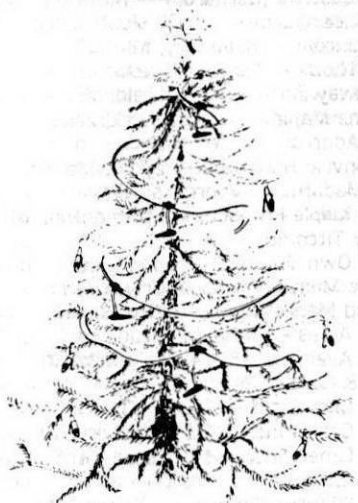
(5) Proposals must contain a complete reference section listing and explaining any similar or duplicating research previously accomplished. Proposals for duplication of previously completed research must contain detailed explanations of why such duplication is warranted.

(6) Results or progress of funded projects must be presented annually at the convention of the NAMSC and must be published in the Maple Syrup Digest as soon as possible after completion.

(7) Send proposals to: Lynn H. Reynolds, Research Committee, North American Maple Syrup Council, Route 2, Box 326, Hortonville, WI 54944.

Remember: July 1 Deadline.

Happy Holidays from



WATERLOO USA INC.
MAPLE SUGARING EQUIPMENT

*Put the Perfect Present
under your Sugarmaker's
tree . . .*



WATERLOO USA INC.
HCR 63, BOX 35A
BARTON, VT. 05822
(802) 525-3588

WATERLOO USA INC.
W. 1887 ROBINSON RD.
MERRILL, WI 54452
(715) 536-7251

- Quick, Easy
- Get up to 30% more sap!

- Automatic
- Reduces spillage

1990

Contributions to the NORTH AMERICAN MAPLE SYRUP COUNCIL RESEARCH FUND

- Abbott Farm — Tilton, NH
Adirondack Maply Company — Fonda, NY
Warren Allen — Castorland, NY
Alstead Farms — Keene, NY
American Maple Products — Newport, VT
(Roger Ames)
Andersen Maple Farm — Long Eddy, NY
Justus Asthalter — Parksville, NY
Atwoods Sugar Shack — New Hartford, CT
The Bacon Jug Company, Inc. — Littleton,
NH (David McLure)
Bascom's Sugar House — Alstead, NH
Bean Farm — Westwood, MA
Mike Berliner — Lake Luzerne, NY
Robert Blair — Kingston, NH
Boyd Bradbury — Bridgewater, ME
Branon Enterprises — West Chazy, NY
Jack Brown — Paw Paw, MI
Reed Burman — Thompson, PA
Lansing Burdick — Stephentown, NY
Butternut Mountain Farms — Johnson,
VT (David Marvin)
Campbells Maple — Smyrna, NY
(William Cambell)
Steve Canfield — East Jewett, NY
Christies Maple Farm — Lancaster, NH
(Colin Christie)
Chubb Life America — Concord, NH
Gary Cole — Mount Holly, VT
Martin Collins — Putney, VT
Karen Cook — Worthington, MA
Charles Coons — Richfield Springs, NY
Cornell University — Lake Placid, NY
(Lewis Staats)
Countryside Hardware & Recreation —
DeRuyter, NY
Ed Crane — St. Johnsbury, VT
Ken Crowther — Jackson, NH
Ralph Curtis — Newfoundland, PA
Dakin Farm — Ferrisburg, Vt
(Sam Cutting)
Danforth's Sugar House — East Montpelier,
VT (Nathan Danforth)
Russ Davenport — Shelburne Falls, MA
David Davis — Colton, NY
Deloughary's Sugar Bush — Bark River, MI
J. Curtis Dom — Wellersburg, PA
Charles Emerson — Alfred Station, NY
Donald Fairbanks — Federal Dam, MN
Family Farm Maple Products —
Van Etten, NY
Troy Firth — Spartansburg, PA
Fisher Mountain Sugar —
Grassey Meadow, WV
David Fuller — Lancaster, NH
G.B.J. Marketing — Bernardston, PA
Gilmer Sugar Bush, Champion, MI
Mike Girard — Simsbury, CT
Gordon Goss — Barnet Center, VT
G.H. Grimm — Rutland, VT
Hagelberg Farm Maple Products —
Arlington, VT
Rodney Hall — E. Dixfield, ME
Hillside Farm — Whately, MA
Hillside Plastics, Inc. — Sunderland,
MA (Richard Haas)
Hillside School Farm — Marlborough, MA
Hodgkins Maple Supplies — Yarmouth, ME
Ken Hufnagle — Martville, NY
Indian Water Maple Company — New
Creek, WV
Jasper's Sugarbush, Carney, MI
Dan Johnson's Sugar House — Jaffery, NH
R.N. Johnson — Walpole, NH
Kedron Sugar Makers — South
Woodstock, VT (Chip Kendall)
Hank Kenney — Marlborough, NH
Kinney & Hodgkins Maple Supplies —
Yarmouth, ME (John Hodgkins)
Kinship Farm — Concord, VT
Dan Kistler — Ludington, MI
Kivela Sugar Bush — Brantwood, WI
Kress Creations — Oxford, CT
Robert Lamothe — Burlington, CT
Eric Lande — Johnson, VT
Leader Evaporator Company, Inc. —
St. Albans, VT
Les Industries (Bernard) —
Beauce, Quebec
N.V. Lincoln — Reed City, MI
Randy Loch — Springville, PA
Lookaway Farm — Springfield, VT
Lucerne Maple Products (Ken Greene) -
No Address
Lyndonville Hardware — Lyndonville, VT
Tom Madorna — Voorhees, NJ
Maine Maple Products — Farmington, ME
(Ray Titcomb)
Maine Own Treats — Trenton, ME
Francis Manes & Sons — Orwell, OH
Wyman Manes & Sons — Orwell, OH
Maple Acres — Kiwadin, MI
Maple Avenue Farms — Waitsfield, VT
(Ed & Gordon Eurich)
Maple Glen Farm — Cabot, VT
Maple Grove, Inc. — St. Johnsbury, VT
Maple Lane Farm — Mt. Gilead, OH
(O.C. Stevens)
Maple Supplies Company — Barre, VT
Andre & Sherry LaPrade)
Maple Syrup Supplies — Pottersville, MI
The Maple Syrup Producers Association of
Connecticut, Inc.

Maple View Farms — Dryden, NY
Marketing Inventives — Norwood, MA
Massachusetts Maple Producers
Association — Ashfield, MA
Dave Matt — Brattleboro, VT
David Mayotte — East Fairfield, VT
McConnell's Maple Kamp — Coudersport, PA
McLure's Honey & Maple Products, Inc. —
Littleton, NH

Quentin L. Mead — Moscow, PA
Miniature Precision Bearings — Keene, NH
Monadnock Paper Mills — Bennington, NH
Richard Norman — Woodstock, CT
New Hampshire Maple Producers
Association, Inc. — Londonderry, NH
Northern New York Maple Products —
No Address

North Country Corp. — Cambridge, MA
Northfield MT Herman School —
Northfield, MA

Northwest Pennsylvania Maple Producers
Association — Corry, PA
Old Virginia Log Homes — Pennington, VA
Orchard Farm — Ashfield, MA
Frank Owens — Colebrook, NH
Parkers Maple Barn — Mason, NH
Parker's Maple Farm — Brookline, NH
PDT — Mt. Holly, VT
Pearl & Son — Loudon, NH
Percy Maple Products — Stowe, VT
Polly's Pancake Parlor — Sugar Hill, NH
(Mrs. Roger Aldrich)

Potter — Tioga Maple Producers
Association — Wellsboro, PA
Isvan R. Puffenbarger — Blue Grass, VA
Peter Purinton — Richmond, VT
Rathbun's Maple Syrup — Whitehall, NY
The Red Cupboard — West Woodstock, VT
Reynolds Enterprises — Appleton, WI
Reynolds Sugar Bush, Inc. — Aniwa, WI
Richards Maple Products — Chardon, OH
John Roth — Cadott, WI
Guy Russell — Rhinebeck, NY
Russell's Maple Farm — Rome, PA
Schambach's Maple Products — West
Falls, NY

Joan Schleit — Merrill, WI
Schwab's Maple Products — North Java, NY
Shady Maple Farms — St. Evariste, Quebec
Shiloh Sugar bush — Wysses, Pa
Millard Shultes — West Berne, NY
Sidelands Sugar Bush — Westmister
West, VT
Sieder's Sugarbush, Mayfield, MI
Silver Bay Packers — No Address
Smada Farms — Greene, NY
Small Brothers USA — Swanton, VT
Larry Smith — Napacok, NY
Smith's Maple Products — Skowhegan, ME
Dennis Sparks — Mesick, MI
Randall Sprague — Portville, NY
Spring Farm — Colrain, MA

Spring Tree Corporation — Brattleboro, VT
P. Stransky Equipment, Inc. —
Collingwood, Ontario
Stuart & Johns — Westmoreland,
NH (Roger Adams)
The Sugarman — Montgomery Center, VT
Sugar Bush Supplies — Mason, MI
Summit Packaging Systems — Manchester,
NH

Sunset Farm Maple Products — Lee, MA
Sweetwater Tree Farm — Aurora, WV
The Syrup Barn — Bearlake, PA
Daniel Tassier — Cedarville, MI
David Theule — Ada, MI
Thomas Todd — Norwood, NY
Bernard Tobin, Cambridge Spring, PA
Toney's Grinders — Manchester, NH
Top Acres Farm — South Woodstock, VT
Trainor's Sugar Bush — Menomonie, WI
25,000 Gifts, Inc. — White River
Junction, VT

Two Brooks Maple Farm — Lake Placid, NY
Underwood Orchard — Traverse City, MI
Fred Van Voorhis — No address
Vermont Maple Sugar Maker's
Association, Inc.
Vermont Sugar House — South
Royalton, VT

James Waldron — Indian River, MI
Waterloo USA — Baron, VT
Waterloo USA — Merrill, WI
Peter Webster — No Address
Whippoorwill Farm — Marlboro, NH
R.G. White & Sons — Ringe, NH
Richard Whitney — No Address
Sam Wienke — Farwell, MI
Paul Williams — Mesick, MI
Williams Farm, Inc. — Old Deerfield, MA
Wisconsin Maple Syrup Producers Council —
Henry Grape, President
Wood Homestead Maple Syrup — Stamford,
NY
James Woodrow — Herman, NY
Leroy Worden — Beulah, MI
Wright's Sugar House — Camden, NY
Dale Young — Granby, CT

Barrel-handling equipment: cradles to
rock bbl over, for fast and efficient empty-
ing (2 models \$75.00 ea.). Bbl bung
wrenches \$15.50; Bbl hand truck
\$115.00 (plus freight) Free Morse cata-
logue. Steel bbl bungs w/plastic gas-
kets: 2 in. \$6/dz. or 3/4 in. \$3/dz. plus
UPS.

**Warren Allen, Resha Road
Castorland, NY 13620**



Bright and merry
wishes this festive
season, for a
happy holiday
celebration.

It is the best
of times for
sharing love

and
laughter

...and
saying

"thank you"
to all
those you
hold
dear.

Chuck & Judi Kiessling

Elmer & Mary Kress

Kress Creations, Inc.

1990 Research Fund Awardees

The North American Maple Syrup Council proudly announces:

The following research proposals were approved for funding at the 1990 annual convention of the NAMSC in Batavia, New York:

(1) "Reexamination of the Effects on Trees of Using Paraformaldehyde When Tapping Sugar Maple" — U.S. Forest Service — \$5,000.00

(2) "Testing, Evaluation, and Maintenance of Sugar Maple Clonal Bank Plantation at Lack Placid, New York" — Cornell University — \$5,000.00

(3) "Refinement of the Use of Visual Traps to Predict Damage to Sugar Maple by Pear Thrips, *Taeniothrips inconsequens* Uzel (Thysanoptera: Thripidae)" — University of Massachusetts — \$5,000.00

(4) "Entomopathogenic Fungi for Biological Control of Pear Thrips in Sugar Maple Stands" — University of Vermont — \$10,500.00

(5) "Biological Control of Pear Thrips (*Taeniothrips inconsequens* [Uzel]) with the Thrips Parasites *Ceraninus menes* Walker and *Ceraninus pacuvisus* Walker" — Pennsylvania State University — \$10,500.00

FOR SALE

Grimm Evaporators & Supplies
Lamb Tubing & Fittings

J&S Enterprises
Stafford Springs, CT 06076
203-684-3458

Brooks Maple Products

ELECTRONIC DRAW OFF CONTROL

Features

- Precise temperature control
- Digital temperature display
- Draw off point adjustable to 0.1 degree F
- Over-temperature alarm
- Reliable performance
- Solid state solenoid switch — no contact points
- Operating voltage: 110 VAC or 12 VDC model

This innovative approach to temperature draw off control uses state-of-the-art computer technology. The digital temperature readout allows for fast and accurate setting of the draw off point to 1/10 of a degree F. Advanced computer techniques ensure fast reaction time and tight temperature control. This eliminates caramelization of the sugars, increases the grade of the syrup, and reduces the finishing time. Sensing over-temperature conditions automatically trigger a 90 dB alarm to alert the user.

The all electronic design eliminates set point drift and contact wear problems, which occur with conventional controls. An all electronic design means a long and trouble free life.

This product has a limited warranty against manufacturer defects. Ordering information is available from Brooks Maple Products.



Model DOC-1000

- 110 VAC Digital controller
- Temperature probe
- 110 VAC solenoid valve or
- 110 / 12 VDC solenoid adapter

Model DOC-2000

- 12 VDC Digital controller
- Temperature probe
- 12 VDC solenoid valve

Digital Controller — System Configurations

MAPLE SYRUP PRESSURE FILTER

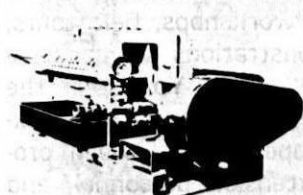
Featuring:

- No maintenance **FOOD GRADE ALUMINUM** plates and frames
- 7 stage filtering
- 7 inch plates
- Fast heating
- Easy cleaning - drip dry
- Compact, lightweight (can be shipped UPS)
- Field proven

This new filter press from Brooks Maple Products offers a cost effective solution to your maple syrup filtering needs. The plates for the 7 stage filter bank are built using food grade, no-rust aluminum. Cleanup is easy with its drip-dry construction. The chromed steel frame provides compact mounting for the motor, pump, and filter assembly.

This filter press has been proven during 12 years of use in our bottling operation and 3 years of field testing by producers and packers in Wisconsin, Michigan, and Minnesota. Its dependability makes it one of the best values in the industry.

This filter press is available at local dealers.



- 7 - 7 inch filter plates
- 8 - 1 1/4 inch filter frames
- Quality electric motor
- Long life pump
- Pressure gauge
- Chromed steel frame
- Stainless steel pan
- Belt guard
- Cover

System Specifications

**See Your
Equipment Dealer**

Brooks Maple Products
F8394 Bo-Di-Lac Dr.
Minocqua, WI 54584
Phone: 715-588-3724

1990 NORTH AMERICAN MAPLE SYRUP CONVENTION

by Carl E. Vogt
Secretary NAMSC

The New York State Maple Producers Association hosted the 31st North American Maple Syrup Council Convention at the Sheraton-Inn, Batavia, New York, October 21-23, 1990.

Walking into the lobby of the hotel on Sunday one could not miss the sight of those beautiful baskets filled with colorful and delicious New York State apples. The "goodie" bag everyone received at the Registration Desk was filled with an assortment of gifts from a variety of NYS companies.

Roger Sage and Arthur Merle were on hand to greet everyone as they registered for the meeting. Exhibitors and suppliers set-up their displays in two large rooms. Representatives had everything from tubing, and spouts to RO's and evaporators on display. There was ample opportunity to have your questions answered by these equipment and supply experts.

By Sunday afternoon maple producers from all over the region began arriving. NAMSC President Bill Clark convened an informal Delegates and Alternates meeting at 5:00 P.M. The main focus of the meeting was to discuss the research proposals received and recommended for possible funding in 1991.

The meeting provided an opportunity for Delegates and Alternates to meet each other. It was

noted that over the past year there were some changes in Delegates to the council.

The secretary provided each delegate with a copy of their organizations dues statement for 1991. The meeting adjourned at 7:00 P.M.

Following the meeting, everyone gathered to welcome Fred Winch, retired Professor and Extension Specialist who prepared a slide program on New York State Maple.

Lloyd Sipple, "Retired" Editor of the Digest introduced Fred as a friend and maple innovator. It was obvious that the "standing room only" group of over 100 producers enjoyed Fred's presentation. Fred told about the history of maple syrup and sugar production in New York which dates back to colonial times. There were slides of early maple operations and experiments that producers conducted in conjunction with Fred's Extension work. Maple producers in the audience could identify with fellow producers as they struggled and tested new ways of making syrup and other products.

Fred Winch commented about the many workshops, field tours, and demonstrations which have been held in New York over the years. The slides depicted the excellent cooperation between producers, extension personnel, and resource managers as they worked

together to solve problems, share ideas and market pure maple products. The camaraderie between producers in the U.S. and Canada was quite evident.

The overview presented by Fred Winch provided an excellent preface to the meetings and presentations which were scheduled to begin on Monday morning.

The organizing committee did an excellent job in putting together the program. Those spearheading the effort includes: Roger & Cindy Sage, Art & Florence Merle, John & Betty Chiney, Lloyd & Mary Lou Sipple, Harold & Evelyn Tyler, and Earl & Pat Parker. Many others from New York and elsewhere helped to make the meeting a success.

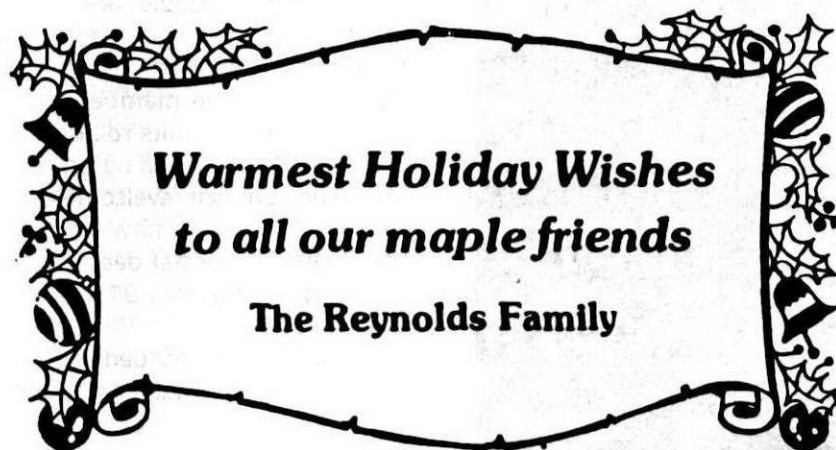
Following a hearty and complete breakfast on Monday morning, participants were welcomed to the meeting by Earl Parker, President — New York State Maple Producers Association at 8:00 A.M.

NAMSC President Bill Clark presided at the opening of the business meeting and welcomed every-

one to Batavia. Bill then asked the Secretary to call the Roll of Delegates and Alternates. As the roll was called, the secretary presented each delegate with a flag to be displayed during the meeting. The following council members were represented at the meeting: Connecticut, Maine, Massachusetts, Michigan, Minnesota, New Brunswick, New Hampshire, Nova Scotia, New York, Ohio, Ontario, Pennsylvania, Vermont, Wisconsin.

The Treasurer's Report and Minutes of last years meeting were presented and approved by the council subject to audit. The secretary made mention of the fact that Lynn Reynolds, past secretary did an excellent job and turned over the records in a very neat and organized fashion. Lynn Reynolds continues to serve as treasurer of the Research Fund.

Lynn reported that close to \$40,000 will be awarded for research projects in 1991. It is anticipated that funds for 1992 research projects may exceed 1991's record year. The NAMSC wishes to thank



all of the contributors (see list of contributors in this issue).

On Tuesday afternoon, Delegates will vote on projects to be funded in for 1991.

One of the highlights of the meeting are the crop and activity reports prepared by the delegates. The reports for 1990 continue a long tradition dating back to the inception of the Council thirty-one years ago.

As in most years production appeared to vary from region to region in almost every state and province. Many delegates noted that the season was early by almost a month and a half, with a lack of really good runs during the "regular" season. Unseasonably warm temperatures delayed the best runs in many areas. Most northern

areas did well with some places experiencing record runs.

Prices for most grades of syrup remained strong. Reports coming out of Quebec suggest they had a record crop in 1990 and it is estimated that at least 40 million pounds of syrup are on hand at the present time. This surplus is certain to impact governmental policies in the province and create uncertainty among producers in Canada and the U.S. The next few months are expected to be a bit hectic in Canada as everyone looks to the 1991 season.

A number of states are featuring Maple festivals and special events held during the season. These programs help promote maple syrup and consumer acceptance of fine quality maple products. Some states reported that Pear Thrips was still a problem and other insects are also present in their maple stands. Maple decline is still a major problem in some regions and investigations by researchers continue to gather additional information.

The Maple Digest Report was given by Lloyd Sipple, retiring editor. As most people are aware, Lloyd Sipple resigned his position as Editor after serving the industry for 29 years. The membership extends a special thanks to Lloyd and Mary Lou Sipple for an outstanding job. The Council welcomes Roy Hutchinson as the new editor of the Digest. A special dedication in the program for this 31st NAMSC is as follows:

We would like to dedicate this program book to Lloyd and Mary Lou Sipple!



MAPLE HILL FARMS

- Small Brothers Evaporators
- New, Fast Flow R.O. Machines
- Kress Jugs - Colors Available
- U. S. Maple Tubing
- Sugar Hill Jugs
- Sugar Molds & 30 Gal. Steel Drums
- Piggy Back Pans
- Thunderbolt Arches

VICTOR E. PUTNAM
MAPLE HILL FARMS
R.D. #1, Box 279
Cobleskill, NY 12043

CALL TOLL FREE 1-800-543-5379

Lloyd and Mary Lou have been Mr. & Mrs. Maple to a great many of us for a long time. Lloyd was instrumental in founding The North American Council being the first delegate from New York. At that first meeting it was decided that the council should have a publication. Thus, The Maple Syrup Digest was born and Lloyd agreed to try to come up with a magazine. For the next 28 years Lloyd and Mary Lou published, edited, collected advertising, and mailed four copies a year of The Maple Syrup Digest to the maple producers of the world.

While working diligently publishing the digest, Lloyd and Mary Lou found time to be New York's largest maple producer for many years. In the process of making and marketing a large amount of maple syrup, Lloyd and Mary Lou tested a great many new ideas in conjunction with the Philadelphia Lab, Bob Lamb, and others.

Along the way The New York State Maple Producers decided that they should have a sales and demonstration booth at the New York State Fair. Lloyd again agreed to try this. Using his carpentry skills he designed a booth at the fair. Deciding that something was needed to attract customers, Lloyd started making sugar at the fair. Some years over 200 gallons of syrup was made into and sold at the fair. Lloyd continued to manage the State Fair booth for 30½ years retiring in 1986. Lloyd still makes an appearance at the fair for at least one day.

Lloyd and Mary Lou have attended every North American

Council Meeting except two when their health required that they not attend.

During all their hard and dedicated work to the maple industry, Lloyd and Mary Lou raised two daughters and one son who have blessed them with several grandchildren. They also have been active in their church and community affairs and Lloyd has played and directed the Bainbridge Town Band for many years.

Thanks, Lloyd and Mary Lou for your many years of dedicated service to New York and The North American Maple Syrup Council."

President Clark appointed members to the Auditing Committee and the Nominating Committee. The NAMSC business meeting was adjourned and will be continued on Tuesday afternoon at 3:00 P.M. Following a buffet luncheon at noon, the technical sessions began at 1:30 P.M. Moderator for the program was Lewis J. Staats who is well known to the maple industry in NYS. Lew did an excellent job in gathering a fine group of researchers to tell about their individual studies and to present their data and findings. Seven presentations were made during the afternoon session. They were:

Pear Thrips Research and Management Activities in Vermont — 1990
— *Dr. Bruce L. Parker, University of Vermont*

North American Sugar Maple Decline Project — Dr. Douglas C. Allen, SUNY College of Environmental Science and Forestry

Infestation Levels of Pear Thrips in Sugar Bush Operations in 1990 in New York — Ms. Janet J. Knodel*,

LEADER EVAPORATOR CO., INC.

All American Quality - Since 1888

Are You Tired of Boiling 1% Sap?

Well you DON'T have to be any more with the
**SPRINGTECH
REVERSE OSMOSIS
MACHINE**

Take out up to
75%
of the water

Cut boiling time
IN HALF

Cut fuel cost
IN HALF

**NOW MANUFACTURED
BY LEADER!**



Seasons

25 Stowell St. • St. Albans, VT 05478

802-524-3931 or 524-4966

Manufacturers of 3 Evaporator Styles:

- THE LEADER
- THE KING
- THE VERMONT

*The
Leader
Style*



NEWS ITEM

We are working on several new items and hope to have them ready for this coming maple season.

Our new design oil fired arches are now available — complete with insulation and oil burners (call or stop in today).

Greetings

B. Coli, C. Hollingsworth, and J. Weaver, New York Agricultural Occurrence, Life, History, and Management of Pear Thrips in Sugar Maple Stands in Pennsylvania — Dr. Durland Shumway, E.A. Cameron; D.A.J. Teulon, L.H. McCormick, and T.E. Kolb. Pennsylvania State University*

Interdisciplinary Forest Management — Dr. Paul E. Sendak, USDA Forest Service.

Sugar Maple Decline and Recovery Studies — Dr. A.R.C. Jones, MacDonald College

New York Sugar Bush Health Survey — Mr. Mike Birmingham, New York State Department of Environmental Conservation

A 6:00–7:00 P.M. Social Hour was held prior to the Annual Banquet. Eric A. Randall welcomed everyone on behalf of the New York State Maple Producers Association. The Invocation was led by Ed Curtis of Pennsylvania. The national anthems of the United States and Canada were sung by the audience. Following a complete delicious and plentiful banquet of either Roast Turkey or Boston Scrod plus Eric Randall introduced the State and Provincial Delegates.

President Bill Clark made some brief remarks followed by Roger Sage who acknowledged all those who helped plan and conduct the meeting. Bob Lamb presented an award to Lloyd Sipple for his many years as editor of the Digest and for his active involvement in the Maple industry. In addition, Bob and Florence Lamb were recognized for their many contributions to the industry. Arthur Merle then presented the awards for the Maple Syrup Contest.

Light Amber Winners

- 1st place — Vernon Scribner,
Whitehall, NY
2nd place — Seewaldt Brothers,
Varysburg, NY
3rd place — William Campbell,
North Java, NY

Medium Amber Winners

- 1st place — Cleon & Bruce Gillilan,
Cambridge, VT
2nd place — Sweet-Wood Sugar
Bush, Loudon, NH
3rd place — S & S Sugar Bush, Lyle
Stockwell, Ellsworth, WI

Dark Amber Winner

- 1st place — Richards Maple
Products, Chardon, OH

Best of Show

Cleon & Bruce Gillilan

TAPPERS - CHAINSAW ATTACHMENTS

18 years experience Chain driven tapper
will fit any chainsaw - works like a charm
- half the cost, twice the value. Must have
make & model and chain pitch. \$95.00.

Call: **NELSON MAINE**
138 Western Ave.
Henniker, NH 03242
(603) 428-7284

EVAPORATORS & SUPPLIES

New & Used

LAMB TUBING & FITTINGS
ORDER EARLY & SAVE

ROGER C. SAGE
4449 SAGE ROAD
WARSAW, N. Y. 14569
Tel: 716-786-5684

Honorable Mention

Light Amber

Massachusetts Maple Producers Association, Ashfield, Ma; Ellwood Jennette, West Chazy, NY; Hilton Farley, Middlefield, OH; Roland Jorns, Egg Harbor, WI; Sweet-Wood Sugar Bush, Loudon, NH

Medium Amber

Ellwood Jennette; Massachusetts Maple Producers Association

Dark Amber

No honorable mentions — color too dark

Gordon Conklin, Editor of the *American Agriculturist*, keep the audience on the edge of their seats with tales, stories, good humor and some serious thoughts to ponder. For the more than 200 people who attended the banquet, it was a wonderful experience.

At 8:00 A.M. on Tuesday morning a series of four very informative presentations were made. Presentations included: **Sap Characteristics of Pear Thrips-injured Sugar Maples** - Dr. Durland Shumway*, T.E. Kolb, and L.H. McCormick, *Pennsylvania State University* **Nutrition and Vigor of Seven Sugar Bushes in Northern Vermont: Before Fertilization** — Mr. Timothy R. Wilmot, *University of Vermont*

The Geographical Distribution of Maple Syrup Producers and Climatic Conditions Favorable for Syrup Production — Dr. Gabriel Tucker* and Mr. Keith L. Eggleston, *Cornell University*

Progeny Testing of 25 Families of Sugar Maple Growing in Pennsylvania and New York — Lewis J. Staats*, *Cornell University*; Dr. John W. Kelley, *Cornell University*; Dr.

Charles A. Maynard, *SUNY College of Environmental Sciences and Forestry, Syracuse, NY*

Following these excellent presentations the International Maple Syrup Institute (IMSI) held its meeting. President Juan Reynolds reported on the activities of IMSI for 1990. The Minutes, Treasurers Report and Approval of Auditors were made and passed. Vito Vescio the new President of IMSI for 1991 presented IMSI programs for the 90's as follows:

Our Mission

The mission of the IMSI is to promote and protect the pure maple syrup market.

The IMSI wishes to be seen as:

- the voice of the maple syrup industry;

- a promoter of innovative uses of pure maple syrup products;

- an insurance that products bearing the pure maple syrup symbol deserve the confidence of consumers by their good taste, quality and wholesomeness.

The IMSI should not be seen as a source of supply or a trader of pure maple syrup.

Our Vision

Pure maple syrup producers in Canada and the United States have the capacity to supply more syrup than the current market requirements.

Through the prudent application of modern production techniques, the volumes of syrup made available to the public should continue to improve in taste (flavor), quality and consumer appeal.

The IMSI and its members are dedicated to:

developing the desirability of pure maple syrup among today's consumers in search of good tasting, healthy and wholesome food products adapted to their modern fast pace lifestyle; working with packers, associations and governments to maintain and enhance the quality of pure maple syrup made available to the consumers.

Our Opportunities

Because of its widespread and representative membership from every producing Province and State, the IMSI is a valuable source of information and communication medium for governments.

Governments need to be informed of the broad overall picture of the maple syrup industry as a whole instead of responding to small pressure groups. The IMSI could be a most reliable "consultant" in this respect.

Now is the time to check your
MAPLE LABELS

All required information on one
Pressure-Sensitive Label for
SYRUP, CREAM & SUGAR
Use on Plastic Jugs, Metal
& Glass. For Color Samples
and Prices

WM. L. CHALMER ASSOC.

150 Traverse Blvd.

Buffalo, NY 14223

716-877-6016

1/2 orders now available for
small producers

DEALER INQUIRIES INVITED

Governments could also use the IMSI to inform producers and packers of their constituency as well as industry members outside of their constituency of the a propos of their policies.

The IMSI has an excellent credibility with the news media and it should use this credibility to inform the consuming public about new uses, new health benefits and other good news about pure maple syrup.

The IMSI could use its credibility with the food trade in order to set the record straight about controversies. The IMSI is an independent organization with no axe to grind in favor or against any producer, packer or region except for cheaters. It could use this credibility more frequently to inform the trade about mislabeling, adulterations or erroneous rumors and it could use its legitimate members as communication medium with this trade.

The IMSI should continue to cooperate with others organizations such as the Clean Air Coalition, Canadian Coalition for Acid Rain, the Wholesome Food Council, The North American Maple Syrup Council, etc. on cross-sectorial issues.

Our Challenges

Consumers have become increasingly concerned about health issues. They are concerned about the quality, wholesomeness and healthfulness of the maple syrup supply but lack information. They namely lack the ability to weigh technical scientific evidence about the difference between the various types of sugars and about the

health benefits of the natural minerals concentrated in pure maple syrup.

Some producers of "organic" or other forms of pure maple syrups are seeking to expand their markets by casting doubt on the wholesomeness of pure maple syrup produced by mainstream farming methods.

Pure maple syrup appears in the media only when something appears to have gone wrong (i.e. acid rain, surplus, shortage, motor oil packed in pure maple syrup cans, fines for mislabeling, etc.) The IMSI risks being perceived as defensive if it only reacts to controversies. To counter these trends, the IMSI needs to undertake positive and pro-active programs to highlight the "good news" about pure maple syrup.

The public will also demand increased testing of pure maple syrup and increased scrutiny of production and processing techniques. The IMSI is a valuable organization to interact with the monitoring and regulation roles of governments in order to develop scientifically valid and economically responsible policies which will en-

sure and enhance the pure maple syrup market.

Geographically, the pure maple syrup industry has to face up to the challenge of improving its category development index in Canada (Toronto), in the USA (all Midwest States) and namely in Europe and the Orient, two growing areas where the traditional uses of pure maple syrup are not as common as at home.

At Risk

The growing carry-over has become a major challenge to maintaining a reasonable price for pure maple syrup in the trade and, ultimately, to holding an intrinsic special value for our product in the eyes of consumers.

Could consumers lose confidence in pure maple syrup? Could pure maple become another evil sugar?

The industry could experience a gradual volume decline over the next decade in North America if it fails to adapt to modern eating habits. Overseas, a failure to feature pure maple syrup on other uses than North American dishes could result in a more and more

WANTED: WHOLE MAPLE PRODUCERS

We want maple syrup producers who understand & practice earth stewardship & organics.

If you can supply us,
please respond in writing to:

CECIL WRIGHT
1434 Fairview Avenue
Columbus, Ohio 43212



restricted tourist niche for our delicacy since the USA and Canada are definitely not going to have as much appeal abroad in the 90s as they used to in the 60s.

Our Strategies

To work with and support government regulatory agencies with regards to packaging, grading, mislabeling, export, etc.

To cooperate with the North American Maple Syrup Council and other organization in order to stimulate and coordinate research in areas like:

- the health benefits of the natural sugars and minerals of pure maple syrup;

- the uses (old and new) of pure maple syrup by various groups of consumers in North America and abroad.

To develop and implement information programs directed to the various publics of the IMSI:

- consumers,

- food trade,

- governments,

- maple syrup producers and packers.

Our Action Plan

The IMSI is dedicated to provide its enlarged number of members with more communication activities in 1991 in order to provide them with a more tangible return for their contribution. To achieve this, the board of directors has cut overhead expenses to a minimum and members of the board have accepted to assume administrative functions.

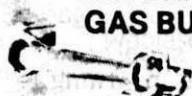
The amounts received from the 1991 contribution will be devoted

to a public relations program which will feature modern uses of pure maple syrup as identified in the 1989 IMSI marketing study.

Assuming that the amounts available will be far from sizable, it is advisable to plan a public relations program in the United States only, using the efficient network of syndicated newspapers. We will explore the possibility of using either David Wachman of New York or Jim McElveen of Chicago to run this program since these two p.r. professionals have had very positive experiences with the IMSI in the past and they could prepare an encore more efficiently than newcomers.

In parallel with this public relations effort, the IMSI will convince the Canadian and U.S. Governments to gather relevant information about the image of our countries and about the perception and uses of pure maple syrup in Europe and the Orient. This could be achieved by handing out entry forms at the entrance of the Canadian and American sections of international food fairs such as Foodex, Anuga, SIAL, IFE, Alimentaria, etc. The entry forms would include a few questions. Participants could be eligible in draws for prizes. The analysis of the answers

NATURAL & L.P. GAS BURNERS



ELMER WINTER

11171 Sission Highway, Route 75

North Collins, NY 14111

716-337-3937 716-337-3682

could provide valuable leads for the IMSI members who are marketing in these countries and will surely provide us with "brand new" news for the 1992 communication program in North America as well as in the designated countries.

The IMSI will also ask the cooperation of scientific laboratories to provide us with scientific evidence about the health benefits of pure maple syrup. This will also feed a wonderful public relations program in 1992.

In the absence of a representative of the Maple Syrup Bank, and the Maple Syrup Marketing Board in Quebec, Steve Selby did an excellent job in responding to questions about activities and discussions currently going on in Quebec. It is estimated that at least 45 million pounds of maple syrup is in storage in Quebec.

At the present time the Marketing Board, banks and governmental agencies in Quebec are discussing ways to deal with this enormous amount of excess syrup. Negotiations between producers, the marketing board and others will continue until some sort of agreement can be reached. Quebec produces more syrup than all of the other provinces and states combined. The outcome of these deliberations will be important to every single maple syrup producer in North America.

The IMSI meeting was adjourned at noon. After lunch, three technical reports were given. They included:

Pre-evaporative Micro-filtration of Maple Sap — Dr. Eric Randall, SUNY College at Buffalo

Maple Sap Concentration Equipment — Low Energy Alternatives — Mr. Steve Selby, Small Brothers Evaporator, Inc.

Function and operation of RO in the Concentration of Maple Sap — Mr. Bill Touzel, Saprotech System, Inc.

At the conclusion of the final technical session the NAMSC business meeting was continued. President Clark called on Lynn Reynolds to present those projects recommended by the Research Committee for funding.

Russ Davenport reported on the progress being made in the development of the new Maple Syrup Manual. Russ informed the membership that plans call for the draft to be ready for review by USDA in late November. It is expected that after review and revision, it may be possible that the new manual will be ready for printing in late 1991 or early 1992.

Some committee members will be sending their drafts to Russ in November. The project is still "on track" in Washington and it looks like it is a "Go." The council expressed their thanks to Russ and his committee for the many hours they have donated to the project.

Bill Clark reported that it looks like the USDA Crop Reporting service for maple syrup is on hold at present. In the meantime, President Clark appointed Richard Norman, Roland Jorns, Frank Majszak, and Carl Vogt to look into ways or reinstituting the report in their states and regions. The committee will report on their findings at next years meeting. The NAMSC in on record of supporting this effort.

The Auditing Committee consist-

ing of Ture Johnson, Roland Jorns and Bill Robinson, reported that the books and accounts of the NAMSC were in order. The committee recommended that the Secretary store the Councils' Certificates of Deposit in a Safe Deposit Box. They also recommended that a separate audit be made of the Digest by a firm selected by Roy Hutchinson, Editor.

The Nominating Committee recommended the following slate of officers for 1991. President — Bill Clark, Vice President — Lynn Reynolds, Secretary/Treasurer — Carl Vogt. A motion was made that a unanimous vote be cast for the candidates.

President Clark mentioned the proposed future meeting schedule for Council Conventions.

Wisconsin 1991, Ohio 1992, Nova Scotia 1993, Massachusetts 1994, Ontario 1995.

There being no further business, President Clark adjourned the meeting at 5:05 P.M. We wish to thank the New York State Maple Producers Association for hosting the 31st NAMSC Convention.

The 32nd Convention is scheduled for Eau Claire, Wisconsin in October 1991. Until we see you again, Best Wishes for a Happy Holiday Season and a successful 1991 run.

DEADLINE FOR FEBRUARY ISSUE IS JANUARY 1st



BRODIES SUGAR BUSH

"MAPLE IS OUR ONLY BUSINESS"



Small Brothers Evaporators - Offering all the new technology of the Thunderbolt Arch and the Hurricane Cross Reflective Arch, Piggy Back Pans, Vacuum Pumps, the new "Lil" Tapper and much more.

RO Machines

"OO" and "F" Style Litho Cans

Bacon & Sugarhill Jugs

Used Buckets & Covers

Hydraclean Tubing Washers For Any Size Bush

U.S. Maple Tubing, Maple Expert and Lamb Tubing

G.H. Grimm Company Equipment and Supplies

Consignment Sales of Used Equipment

Custom Tubing Setup and Technical Assistance

HCR 75 Box 30

Westford, N.Y. 13488

Phone: 607-264-3225

THANK YOU NEW YORK

The 1990 NAMSC Convention Batavia, New York — a grand success. The invitations were slow in arriving, but every detail or activity at the meetings was right on schedule. Many thanks go to President Bill Clark for his fine leadership in maintaining a highly organized meeting. Many thanks go to Arthur Merle, Roger Sage and Lewis Staats and all those involved in the planning, you guys were really on the ball.

It is always a pleasure to hear stories of the original organizing of the National Council especially by Fred Winch, Bob Lamb and Lloyd Sipple. You fellows did a fine job and needless to say will certainly be remembered in the history of the Council.

Though it was constantly raining outside during the convention, the sun was shining inside, by that I mean it was a wonderful warm

feeling meeting old friends and making new friends during a two day convention with people of the same interest and industry, the Maple Syrup industry.

There was some confusion and errors on certification of delegates by the secretary/secretaries. This should not happen! It is unfortunate that the secretary/secretaries responsible for the errors do not share more of the embarrassment.

While we have such vivid memories of our last Maple Convention, lets mark the Calendar for next year 1991 in Eau Claire, Wisconsin. We hope you can all come and help us celebrate our Wisconsin Fall Tour one day before the NAMSC Convention on October 24, with registration on the evening of October 23 and running thru October 26.

Delegate from Wisconsin,
Roland Jorns



COONS MAPLE SUPPLIES

AUTHORIZED GRIMM DEALER

Lamb & U.S. Maple Tubing

Waterloo Evaporators

Sugarhill & Kress Jugs

Maple Syrup Cans

Pure Maple Products

CHARLES COONS

P.O. Box 377, Monticello Road

Richfield Springs, N.Y. 13439

(315) 858-2781

SAP VAC

High Vacuum Roller Pump

For your vacuum sap collection system

Features:

- Vacuums to 20" HG.
- 10 gallons per minute capacity
- Output to 50 PSI.
- Reversible
- Choice of pedestal or hollow shaft mounting style
- Teflon rollers and Heavy Duty construction
- Simple installation and maintenance

Pelucidor Farms Sap Vac

Rt. 4, Box 157, Milaca, MN 56353

(612)389-4407

Dealer Inquiries Welcome



CHRISTMAS GREETINGS

A joyous Holiday Season
from the staff and management
at

The Bacon™ Jug Co., Inc.
RD #2, BOX 580
LITTLETON, NH 03561
603-444-1050



MASSACHUSETTS ANNUAL MEETING

Massachusetts Maple Producers' Association, Inc. will meet January 12, 1991 at Greenfield High School in Greenfield, Massachusetts.

Any questions please call (413) 628-3912 Massachusetts Maple phone.



TENTATIVE AGENDA 1991 NEW YORK MAPLE SCHOOLS

- January 10 — Allegany County
Paul Westfall (716/268-7644)
January 11 — Chautauqua County
Andy Dufresne (716/664-9502)
January 12 — Wyoming County
Steve Childs (716/786-2251)

- January 15 — Cortland County
Micheal Baker (607/753-5077)
January 16 — Chenango County
Eric Schimke (607/334-5841)
January 17 — Otsego County
Janet Aldrich (607/547-2536)
January 18 — Delaware County
Dean Frazier (607/865-6531)
January 22 — Lewis County
Pat Beyer (315/376-5270)
January 23 — St. Lawrence County
Steve VanderMark (315/379-2311)
January 24 — Clinton County
Beth Spaugh (518/561-7450)
January 25 — Warren/Washington
County Laurel Wells (518/623-3291)
Contact county for further information. At this time locations, times, and lunch availability are unknown. If any questions, please call.

"Heart of



"the Maples"

Tyler's
MAPLE FARMS

WESTFORD, NEW YORK 13488

PHONE (607) 638-9474 • 638-5690

Waterloo and Grimm Evaporators
Lamb Tubing, Bacon, Kress, and Sugar Hill Jugs
Supplies for the small and large producers

New and used equipment tanks many sizes, used tubing, 2' x 6' Grimm Evaporator like new. 6' x 14' King used very little. Used Vapor Compression Unit.

Over fifty years in business

Harold Tyler

MAPLE PRODUCERS

It's been proven, with the Maple Sap CONCENTRATORS built by LAPIERRE EQUIPMENT Inc. using the REVERSE OSMOSIS TECHNOLOGY you can save:

- *valuable production time*
- *reduce manpower costs*
- *reduce energy consumption*
- *process much more sap*

THIS METHOD WILL INCREASE YOUR RETURN ON INVESTMENT

By extending the life of your present evaporator using either oil, gas or wood, by reducing your energy by 75%.

Equipped with automatic systems control, the equipment requires less supervision and adjustment, reducing the cost of manpower and practically eliminating accidental machine breakdown by:

- *lack of supply of Maple sap*
- *too high of a system pressure*
- *too high an inlet temperature*
- *operator error*

We can design, fabricate and install a complete system according to your need and type of sugaring operation that you presently have. With qualified service and parts, constructed of the highest quality materials, are available to you at all times.

AUTOMATIC CONTROL:

- automatic sequence starting of both high pressure and recirculation pumps.
- ability to drain all the concentrate in the system after each and every day of operation.
- the fully automatic cleaning system requires no operator surveillance.

THE MOST PRODUCTIVE SYSTEM AVAILABLE

Thanks to a highly efficient PATENTED recirculation system incorporated with each membrane allowing each to operate at peak performance during a much longer period of operation.

—EQUIPEMENTS—
LAPIERRE 

99, Rue de l'Escale,
St-Ludger, Beauce, Québec, Canada
G0M 1W0

Tél.: (819) 548-5454
Donald Lapierre, prop.

HILLSBORO MAPLE EQUIP. SUPPLY

David Bessette

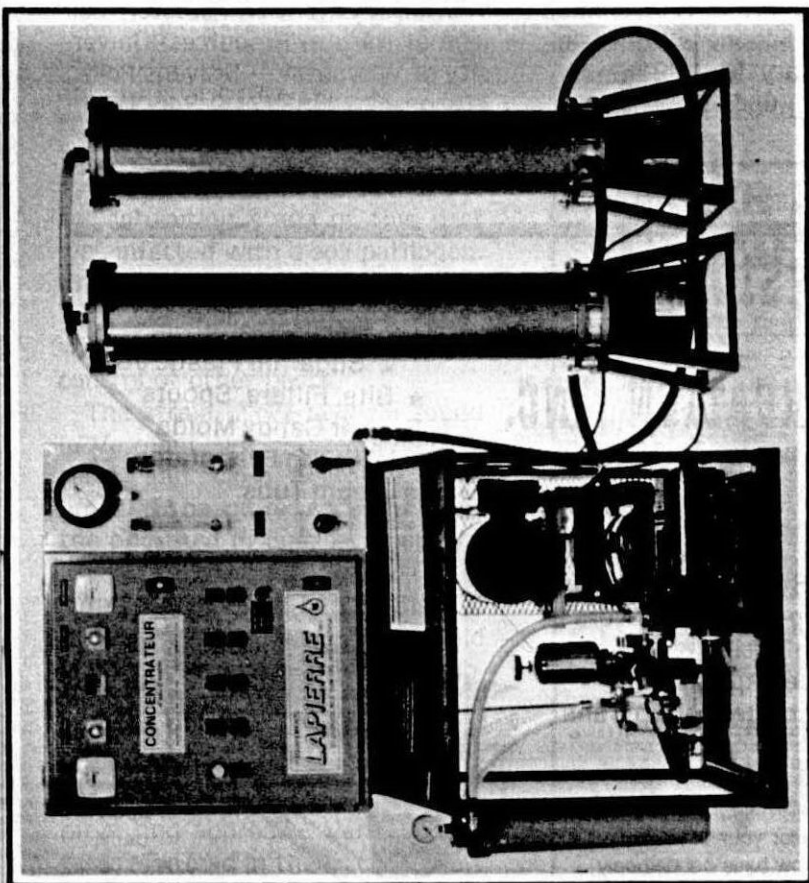
Box 2480, Gully Hill Rd., Starksboro, VT 05487
802-434-4344

United States Dealers

SUGAR SHACK

Frank Majszak

3493 Baatz Rd., Maple City, MI 49664
616-228-5835



1991 WISCONSIN MAPLE SYRUP INSTITUTES

Saturday, January 5, 1991

Aniwa, Wisconsin

Monday, January 7, 1991

Luxemburg, Wisconsin

Tuesday, January 8, 1991

Newburg, Wisconsin

Wednesday, January 9, 1991

Baraboo, Wisconsin

Thursday, January 10, 1991

Rock Elm, Wisconsin

Friday, January 11, 1991

Spooner, Wisconsin

Saturday, January 12, 1991

Cadott, Wisconsin

The North American Maple Syrup Council meeting will be held in Eau Claire, Wisconsin on October 23, 24, 25, and 26, 1991. Tentative agenda is for Thursday, October 24 to be for registration and meetings. The Wisconsin Fall Maple tour is being planned in connection with this International Event. The International Maple Syrup Institute is planning its annual meeting to be contained within this convention. The Wisconsin Maple Syrup Council warmly invites the entire maple industry to attend and participate. Contact Chris Hauge, University of Wisconsin Extension Forester, College of Natural Resources, University of Wisconsin — Stevens Point, Wisconsin 54481 (715) 346-3797.

COUNTRYSIDE HARDWARE &

RECREATION INC.

DeRuyter, N. Y. 13052

- ★ Sugarhill Plastic Jugs
- ★ Bits, Filters, Spouts
- ★ Rubber Candy Molds
- ★ Leader - King Evaporators
- ★ Maple Cream Tubs

- ★ Storage & Gathering Tanks
- ★ Sap Buckets, Covers
- ★ Lamb Tubing & Fittings
- ★ Gas Tree Tappers
- ★ Metal Decorated Syrup Cans

Check with us for your used equipment needs. Now have good supply of used tanks, tubing, buckets & covers. Write for free catalog



Open
daily
8:00 - 5:00
Phone: 315-852-3326
and 315-852-3327

VERMONT EMBARKS ON SIGNIFICANT BIOLOGICAL CONTROL RESEARCH FOR PEAR THRIPS MANAGEMENT

Bruce L. Parker and
Margaret Skinner
Univeristy of Vermont

With Financial backing from the North American Maple Syrup Council and the USDA, Agricultural Research Service scientists at the Entomology Research Laboratory, University of Vermont are now able to investigate the use of soil fungi for management of pear thrips. Several years ago they discovered a significant portion of the soil inhabiting stage of this pest was infected with a soil pathogen. This pathogen was later identified as *Verticillium lecanii*, a fungus which has been used in Europe for control of other pests.

The strain of *Verticillium* found in Vermont, which infects only insects and close relatives, may prove to be quite different than the one used in Europe. Hoepfully it will be better adapted for use in sugar maple stands here in the U.S.

Recently a conference was held in Burlington to discuss pest problems in sugar maple stands. The consensus of the group of 80 scientists was that biological control of pear thrips was an extremely promising approach. Vermont has taken the lead in this exciting new research with close coordination with scientists in other states. Pear thrips will be studied from dif-

ferent parts of the entire maple production area in hopes of finding different fungal natural enemies. The initial stages of this program are expected to be completed in one to two years.

Biological control is an effective means of managing many of our agricultural pests. In sugar maple stands there are few control techniques available. Sugarmakers need to insure that their final product is pure and this biological strategy will meet that criteria and also has minimal impact on our forest environment. Couple this with its long lasting effects and the future health of our maples will be nearly guaranteed.

WONDERFUL NEWS

SUGAR BUSH SUPPLIES CO.

- COMPLETE SUPPLIER
TO THE MAPLE PRODUCER
- WE STOCK BACON JUGS ,
LAMB TUBING SYSTEM
- AUTUMN LEAF CANS ,
LABELS & CREAM TUBS
- LEADER, KING, VERMONT
EVAPORATORS NEW & USED
- WE BUY USED EQUIPMENT
& MAPLE SYRUP

Give Us A Call or
Write For Catalog

2611 Okemos Road
Mason, Michigan 48854
Tel. (517)349-5185

GRIMM

SINCE 1890

ALL AMERICAN

DURABILITY BY DESIGN



FASTER BOILING TIME

7% more flue area than 7 inch deep flues.

LONGER ARCH LIFE

4 inch u channel reinforcement over 3 feet, prevents spreading.



STRONGER SEAMS

Double lock seam on pan corners.



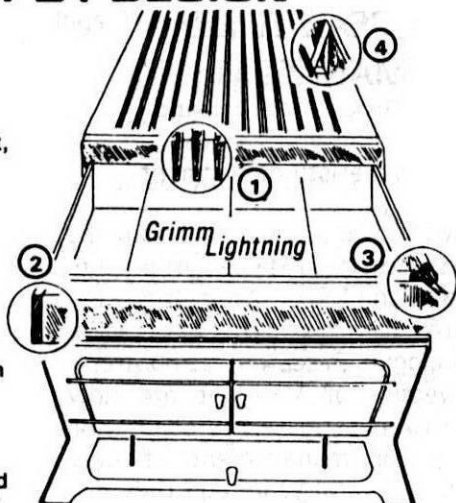
SMOOTH REINFORCED CORNERS

Knuckle reinforcements used on all pan corners.



STRONGER PANS

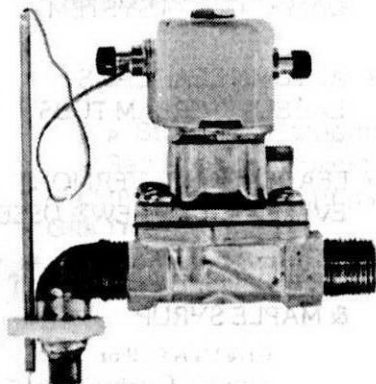
Side wall reinforcement on pans 4 feet and longer.



GRIMM
UPDATE

COMPARE BEFORE YOU BUY
WE CARRY A COMPLETE LINE OF
SUGARMaking EQUIPMENT AND
SUPPLIES

FILL-STOP™



FILL-STOP™

ADJUSTABLE PROBE FILLS CONTAINERS TO DESIRED LEVEL AND SHUTS OFF AUTOMATICALLY.

RUNS ON 12 VOLT BATTERY.
(BATTERY NOT INCLUDED.)

AVAILABLE IN 1 OR 2 VALVE UNITS.

CALL FOR MORE INFORMATION
AND PRICES.

P.O. Box 130
Rutland, VT 05701

G.H. GRIMM - DIVISION OF
LEADER EVAPORATOR CO., INC.

Phone (802) 775-5411

IN MEMORIUM

Acworth, NH — Ruth M. Bascom, 62 passed away on November 7 at the Dartmouth Hitchcock Medical Center.

She attended schools in Milford, Massachusetts and Houghton College in New York. She resided in Acworth since 1948, was secretary for Sullivan County Extension service for 12 years, a long time Sunday school teacher, past president of Acworth woman's club, former secretary of Fall Mountain school

board and a 4-H leader for 35 years.

She is survived by her husband, Kenneth E. Bascom (past president of NAMSC), sons Bruce and Bradford of Acworth, Judy Snow of Rochester, NH, Nancy Bates of Charlestown, NH, 3 grandchildren and several nieces and nephews.

Contributions may be made in her memory to the Acworth Congregational Church, Ruth Bascom Christian Education Trust Fund, Alstead, NH 03602.

HANSMANN'S

Hansmann's Mills manufactures five varieties of Pancake Mixes which are wholesome and delicious. We use only the finest ingredients. No additives, no preservatives.

These Pancake Mixes are packed in attractive bags in one pound and two pound sizes.

Perfect to supplement your Maple Syrup Sales or include in your gift packages.

Hansmann's Old Fashioned Pancake Mix, Buttermilk Pancake Mix, Buckwheat Pancake Mix and Whole Wheat Pancake Mix are available in 1 pound and 2 pound size bags.

Hansmann's Corn Pancake Mix is available in 1 pound size only.

HANSMANN'S MILLS, INC.

P.O. Box 280

Bainbridge, N.Y. 13733

Phone 607-967-5080

CLASSIFIEDS

FOR SALE: Maple Sugar Bush — 200 acres, 10,000 taps, tubing, vacuum, Reverse Osmosis, steam evaporation, packing equipment, wholesale markets, chain stores and roadside. Branon, West Chazy, NY 518-493-7090.

FOR SALE: 2½' x 10' Lightning Evaporator 4' x 10' SS Waterloo pans, 6 to 13 GPH oil burner 3 years old. 10 bbl & 71/2 storage tanks. Heated SS caning tank. Smada Farms, Inc. 607-656-4058.

FOR SALE: Used LaPrarie Manual Sap Extractor. 518-594-7707 evenings — Plattsburgh, NY.

FOR SALE: Used vacuum tank, holding tanks and transport tanks — SS glass lined and galvanized 300 gallon to 20,000 gallon. 4' x 10' steam hood. Sap buckets, covers and spiles. Distributor for New Costa RO machines. Will Trade for Syrup. Now buying commercial grade Maple Syrup. We can supply our Bbls for filling this spring. Adirondack Maple Farms 518-853-4022 Fax number 518-883-3791. We have bulk table grade syrup for sale.

CERAMIC MAPLE SYRUP JUGS

NEW — Now with snap top bail lids!

DAVID DOBSON, LTD
P.O. Box 5013, Dept. D
Burlington, VT 05401
802-862-4238

It's worth it.

To Stop By Bascom's...

We have an incredibly large inventory to choose from right here at the Sugar House showroom. And although we are a little off the beaten path you won't be disappointed that you took the time to stop by.

To Call Bascom's Today...

We always have personnel on the premises to take your mail order or give you expert technical information. We ship UPS daily from our large inventory.

Just look what's in stock...

- EVAPORATORS
- GRIMM • LEADER
- SMALL BROTHERS
- GATHERING & STORAGE TANKS
- FILTERING EQUIPMENT
- ACCESSORIES
- US MAPLE TUBING
- BUCKETS
- SUGARHILL JUGS
- SYRUP CANS & GLASS BOTTLES
- DRUMS
- REVERSE OSMOSIS—OSMONICS SPRINGTECH AND SAP BROTHER
- PLUS MANY USED PIECES OF EQUIPMENT



Free Catalogs Available
OPEN MON.-FRI. 7:30-5:00
SAT. 8:00-12:00



Maple Syrup:
Bulk syrup for sale,
immediate pricing or
future contracts.

**Bascom's
Sugar House Inc.**

RR 1, Box 138, Alstead, NH 03602
603/835-6361 or 603/835-2230

MAPLE & METAL

*A Winning Combination
for Over 100 Years*



Beautiful 4 Color Maple Scene for Greater Consumer Appeal.

Much Longer Shelf Life.

Will Not Become Brittle and Crack at Low Temperatures.

No Oxygen or Moisture Vapor Transfer.

Rectangular, For Better Use of Shelf Space.

No Cancer Causing Compounds Used.

Don't Settle for Less — Maple Deserves the Best.

Warehouse Stock in Barre, Vermont

For Cans • Cartons • Shippers • Labels

FOR THE DEALER NEAREST YOU CONTACT US

MAPLE SUPPLIES COMPANY

RTE. 302 EAST (Kenco Bldg.) P.O. BOX 895 • BARRE, VT. 05641

TELEPHONE (802) 479-1827

— DEALER INQUIRIES INVITED —



LAMB *Naturalflow*

The Original & Backbone of Maple Tubing

34 years of Continual Improvements.

Copied but never duplicated.

The Product you can Depend on !

**We have well over 100 special items
just for Maple Sap Production, most
of them manufactured ourselves.**

**Send for literature, or better yet,
contact your local Naturalflow dealer.**

NATURALFLOW & MAPLEFLOW

Lamb Naturalflow Inc.

Naturally

Robert M. Lamb

G. H. GRIMM CO.

DIV. OF LEADER EVAPORATOR

**P.O. Box 130
Rutland, VT 05701**

Phone: 802-775-5411