

# EAS JOURNAL

EASTERN APICULTURAL SOCIETY OF NORTH AMERICA, INC.

JULY 1973 - CONVENTION ISSUE

## EASTERN APICULTURAL SOCIETY CONFERENCE

August 8 - 11

West Virginia University, Morgantown

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JAN 28 1978

### PROGRAM

<b>August 8, Wednesday</b>		<b>1:30 p.m.</b>	Buses depart for tour of glass factory. Buses depart for nature tour at Coopers Rock. Cars depart for visit to strip mine.
	Session I		Buses return to towers
1:00-5:00 p.m.	Registration		Buses to barbecue
2:00-5:00 p.m.	Professional Apiculturalists' Association Meeting		
3:00 p.m.	Social Hour	<b>4:30 p.m.</b>	
5:00 p.m.	Dinner - Blue Room	<b>5:00 p.m.</b>	
7:30 p.m.	E.A.S. Delegate's Meeting	<b>8:30 p.m.</b>	
7:30 p.m.	Entertainment		
9:00 p.m.	E.A.S. Board of Directors Meeting		
<b>August 9, Thursday</b>		<b>7:30 a.m.</b>	<b>August 10, Friday</b>
	Session II		Session III
	Chairman: Earl P. Cochran	<b>9:00 a.m.</b>	Chairman: M.D. Houck, E.A.S. Vice President
7:30 a.m.	Breakfast - Blue Room		Breakfast - Blue Room
9:00 a.m.	Morning Session - Call to Order - Welcome		<b>MORNING SESSION - ROOM</b>
9:15 a.m.	West Virginia Agriculture Commissioner Gus R. Douglass, W. Va. Agricultural Commissioner	<b>9:30 a.m.</b>	A Bee Looks at Modern Beekeeping, Dr. Lawrence J. Conner, Extension Entomologist, Ohio State Univ.
10:45 a.m.	Beekeeping in Tennessee, Prof. Harry E. Williams, Extension Agricultural Biology, University of Tennessee	<b>10:00 a.m.</b>	Commercial Beekeeping in West Virginia, H.D. Baird, Shenandoah Valley Bee Company, Gerrardstown, W. Va.
10:15 a.m.	Coffee Break		Pest Management and the Gypsy Moth, William W. Metterhouse, Deputy Dir., Division of Plant Industry, N.J. Dept. of Agriculture, Trenton, N.J.
10:35 a.m.	Quarantine Status of the Brazilian Bee, Dr. M.J. Ramsay, Pest Survey Entomologist, Plant Protection and Quarantine Program, APHIS, USDA	<b>10:30 a.m.</b>	Coffee Break
		<b>10:50 a.m.</b>	Social Control in the Honey Bee Colony, Dr. Roger A. Morse, Office of Apiculture Dept. of Entomology, Cornell University
11:05 a.m.	Distribution of Bees in the United States, Albert S. Michael, Plant Industry Station, Beltsville, Md.	<b>11:20 a.m.</b>	Annual E.A.S. Business Meeting
		<b>11:50 a.m.</b>	Lunch - Blue Room
11:35 a.m.	Announcements	<b>12:30 p.m.</b>	Ladies Luncheon - Lakeview Country Club
1:45 a.m.	Lunch - Blue Room		

(continued on page 2)

## EAS PROGRAM—

(continued from page 1)

- 1:15-5:00 p.m. Judging of Shows, Demonstrations Campus Tours  
 Buses leave for Lakeview
- 5:15 p.m. Happy Hour
- 5:30 p.m. Annual Banquet - Lakeview Country Club
- 6:30 p.m. August 11, Saturday  
 Session IV  
 Breakfast - Blue Room  
**MORNING SESSION - ROOM**
- 9:30 a.m. ETO Fumigation, J.C. Matthenius, Supervisor Bee Culture, N.J. Dept. of Agriculture, Trenton, N.J.
- 9:30 a.m. Nector Bearing Plants of West Virginia, W.H. Gillespie, Assistant to Agricultural Commissioner, West Virginia Dept. of Agriculture, Charleston
- 10:00 a.m. Dr. Burke
- 10:30 a.m. Coffee Break
- 10:50 a.m. Some Thoughts on the Future of Beekeeping, Charles C. Dadant, Dadant and Sons, Inc., Hamilton, Ill. 62341
- 11:20 a.m. Current Bee Research in the U.S. Dept. of Agr., Dr. Marshall D. Levin, Chief, Apiculture Research Branch, ARS, USDA, Plant Industry Station, Beltsville, Md.
- 12:00 a.m. Lunch - Blue Room

## WHAT IS THE EAS JOURNAL; WHAT WILL IT DO; WHAT CAN YOU DO?

by Dr. T. J. Rademaker, Assoc. Editor  
 EAS, at least for the northeast quarter of the U.S., has long been recognized as the organization that truly represents the small, or hobbieist, beekeeper or to put it another way, the majority of beekeepers. Hence the EAS JOURNAL is potentially the voice of the small beekeeper. As such, EAS JOURNAL will not really endeavor to have a voice of its own. Simply stated, its philosophy will be that what is good for the small beekeeper is good for EAS, and more importantly, for beekeeping at large.

We will print the representative views of our editors and contributors, always with the understanding that other views, whether coinciding or opposing, are openly invited. In short, EAS JOURNAL will not consciously seek to support a positive or negative position on most matters; and even when we feel that our membership is committed on an issue, we will constantly endeavor to present both sides.

What you, our readers can do, is obvious; send us your views. Please bear always in mind, however, that our space is limited. Be as brief and concise as you can: the more succinct the better. To further this end, EAS JOURNAL reserves the right to edit all contributions. To facilitate editing, and thereby increase prospects for timely selection for publication, all submissions should be typewritten and double spaced.

### EAS JOURNAL

Eastern Apicultural Society  
 of North America, Inc.

President Earl P. Cochran  
 Capitol Building  
 Charleston, West Virginia 25305

Vice President Marvin R. Houck, M.D.  
 Lewisburg, West Virginia 24091

Secretary-Treasurer Thomas E. Raney  
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 Sharon, Connecticut 06069

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 Central Connecticut State College  
 New Britain, Connecticut 06050

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 South Amboy, N. J. 08879

Published Monthly at 109 No. Feltus St., South Amboy, N. J.  
 Second Class Privilege applied for.

E.A.S. Journal \$2.00; Member \$3.00\*; Joint Membership \$4.00\*; Family Membership \$6.00\*; Commercial Membership \$50.00\*; Life Membership \$100.00\*; Association Membership \$25.00\*.

\*Of which \$2.00 is subscription to Journal.  
 Vol. 1, No. 1, July 1973

### THE LADIES' AUXILIARY

of the  
 Connecticut Beekeepers' Association

Wish the  
 Eastern Apicultural  
 Society Journal

Success

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## General Rules for E.A.S. Show

1. All entrants must be registered with the Society and have paid the registration fee regardless of whether or not they attend the Conference.
2. Only one entry may be made in each class by any one family.
3. No identifying labels on any entry.

### Gadget Show

Ribbons will be awarded to the top six winners in each class.

Class 1--Large devices, (honey extractors, wax rendering equipment, etc.)

Class 2--Hives or machines (lifters, weighers, etc.)

Class 3--Small miscellaneous items

Class 4--Non-competitive exhibit (no prize)

All entries must be accompanied by a written explanation. This is to be used in scoring by the judges.

Score Points: 1. Explanatory text; maximum 25 points. 2. Practicality; maximum 50 points. 3. Ease of reproduction; maximum 15 points. 4. Help to beekeeping; 10 points. Total 100 points.

### Beeswax Show

Prize ribbons will be awarded to the top six winners in each class.

Class 1--Single piece of **pure** Beeswax, 1 lb. or more.

Class 2--Pair of **pure** Beeswax candles, dipped.

Class 3--Pair of **pure** Beeswax candles, molded.

Class 4--Pair of **pure** Beeswax candles, fancy.

Class 5--Novelty candles **containing** Beeswax (6 assorted).

Class 6--Novelty Beeswax (additives permitted).

Special rules: 1. All entries in Class 1 should be covered with clear plastic film.

2. All entries in Class 5 must contain some Beeswax. Entries in this class are for colored and novel shaped candles.

3. All entries must be **produced** by the exhibitor.

Score Points: 1. Cleanliness; maximum 35 points. 2. Color and aroma; maximum 30 points. 3. Uniformity of appearance; maximum 20 points. 4. Freedom from crackage and shrinkage; maximum 15 points. Total of 100 points.

### Honey Show

Prize ribbons will be awarded to the top six winners in each class.

Class 1\*--3-1 lb. jars Water White Extracted Honey.

Class 2\*--3-1 lb. jars Extracted Honey.

Class 3\*--3-1 lb. jars Extra Amber Extracted Honey.

Class 4\*--3-1 lb. jars Light Amber Honey.

Class 5\*--3-1 lb. jars Amber Extracted Honey.

Class 6\*--3-1 lb. jars Dark Extracted Honey.

Class 7--3 sections of Light Comb Honey.

Class 8--3 sections of Dark Comb Honey.

Class 9--3 cobana sections Light Comb Honey.

Class 10--3 cobana sections Dark Comb Honey.

Class 11--3 sections of Cut Comb Honey.

Class 12--3 jars Finely Granulated Honey (16 oz. jars).

Class 13--3 jars Chunk Honey (1 lb.).

Class 14--Cut Comb Frame of Honey (no wires).

Class 15--Shallow Extracting Frame of Honey.

Class 16--Full Depth Extracting Frame of Honey.

Class 17--3 Novel Shaped Containers filled with Honey (3 identical shaped containers).

Class 18--Novelty Gift Box filled with Honey.

Class 19--Shadow Box or Niche Display of Honey.

\*Queen Line Glass Jars only in Classes 1-6.

Special Rules: 1. All jars must contain one pound of honey unless otherwise stated.

2. Frames must be wrapped in clear cellophane or plastic, or be placed in holders furnished by the entrant, and have glass on both sides.

3. Section comb must be wrapped in clear cellophane or be in window cartons.

4. Color will be determined at the time of entry by the official grading committee.

5. All entries must be the produce of the entrant and must have been produced during the period August '72 - August '73.

Score Points: 1. Density (water content above 18.6 disqualified); maximum 20 points. 2. Freedom from crystals; maximum 10 points. 3. Cleanliness--lack of: a. Lint (7 pts.), b. Dirt (10 pts.), c. Wax (7 pts.), d. Foam (6 pts.); total maximum 30 points. 4. Flavor: absence of, off flavor, overheating, fermentation; maximum 30 points. 5. Container appearance: cleanliness and neatness; maximum of 10 points. Total maximum points is 100.

### Honey Wine

Prize ribbons will be awarded to the top six winners in each class.

Class 1--Light Honey Wine

Class 2--Dark Honey Wine

Class 3--Honey Fruit Wine

Score Points: 1. Clarity; maximum 20 points. 2. Color; maximum 10 points. 3. Taste; maximum 20 points. 4. Body; maximum 10 points. 5. Bouquet; maximum 20 points. 6. Bottle; maximum 10 points. 7. Bottle Closure; maximum 10 points. Total of 100 maximum points.

### Honey Cooking Show (Nonprofessional)

Prize ribbons will be awarded to the top six winners in each class.

Class 1--Cookies, crisp - 1 dozen.

Class 2--Cookies, soft - 1 dozen.

Class 3--Bars or Brownies - 1 dozen.

(continued on page 4)

### General Rules for E.A.S.—

(continued from page 3)

Class 4--Cake - 1 cake.

Class 5--Yeast Bread - 1 loaf.

Class 6--Yeast Bread, fancy - 1 loaf.

Class 7--Yeast Rolls - 1 dozen.

Class 8--Quick Bread (fruit or nuts optional) - 1 loaf.

Class 9--Muffins (fruit or nuts optional) - 1 dozen.

Class 10--Candy - ½ pound or 12 pieces.

Class 11--Pie (rules apply to filling) - 1 pie.

Special Rules: 1. Entries must be accompanied by the recipe as used written on 3" x 5" cards in triplicate.

2. At least 25% of the sweetening used must be honey.

3. No "mix", or prepared sweetened cereal is to be used.

4. Entries will be exhibited as received. Plates will not be available at the show.

Score Points: A. Baked Goods - 1. General appearance; maximum 20 points. 2. Flavor; maximum 35 points. 3. Texture, grain, moisture, uniformity of color; maximum 30 points. 4. Lightness; maximum 15 points. Total maximum points is 100.

B. Candy - 1. Attractive appearance; maximum 20 points. 2. Flavor; maximum 35 points. 3. Texture; maximum 25 points. 4. Handling quality in serving; maximum 20 points. Total maximum points is 100.

\*Sweepstakes and bowl prizes will be awarded to the entrants with the greatest total number of points (points; Firsts - 10, Seconds - 6, Thirds - 4, Fourths - 3, Fifths - 2, and Sixths - 1).

*Congratulations*

*to the*

*Eastern Apicultural Society*

*on their new Journal*

**CONNECTICUT BEEKEEPERS'  
ASSOCIATION**

### CONNECTICUT BEEKEEPERS

by Philemon J. Hewitt, Jr.  
Director, Conn.

Connecticut Beekeepers number about 1400 with about 8,000 hives. Most of the honey production in the state is for the beekeepers own family consumption. The floral sources are varied which makes for a blended honey mixture. There is no particular honey flavor and it varies from year to year. The color may be light to very dark. There are five beekeepers who have 100 hives or more with apiaries placed in different locations.

The Connecticut Beekeepers Assn. was organized in May, 1891 and has operated without a break to the present.

The official publication known as the Connecticut Honey Bee, was first published in July of 1929 and has been printed continuously without missing an issue in sequence by the support of the Connecticut Beekeepers Assn. Articles of interest in the field of managing bees, their behavior, and other subjects related to bees are printed for the benefit of beekeepers reading its pages.

My being editor was from an interest about bees and a collection of literature concerning them. This includes an accumulation of publications of research done on and about bees. As Editor, the goal is to have printed practical ideas about the care of bees and other subjects related to beekeeping - botany and other insects too.

Various travels to other parts of the world to international Congresses held for beekeepers gives one a better view on beekeeping practices and meeting people concerned with bees.

The basis of my involvement in beekeeping started with a 2 lb. package of bees purchased through the mail after getting out of high school. This particular package of bees swarmed three successive times by September, from installation in June of 1935. Since then much has happened to the present increase of well over 100 colonies. Much dust in the eye of romance about bees has been put aside and replaced by practical and to the point bee management for large colonies of bees and the best production of honey possible.

It is a pleasure to be one of the Charter members in the organization of EAS and to have had a part in its growing to its present size and prestige among organized beekeeping groups. Because of our Connecticut Beekeepers Assn., EAS has had two presidents from our state. Each time was when the EAS Annual meeting was held in Conn. At the present time, Mr. Thomas Raney, Conn., is representing EAS in the International Congress next October, 1973. He is also representing the U. S.



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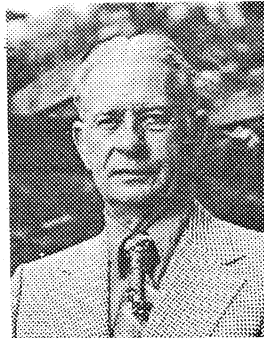
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## DIRECTORS OF EASTERN APICULTURAL SOCIETY

**Earl P. Cochran**-President E.A.S., State Apiarist, West Virginia Department of Agriculture, Charleston, W. Virginia.

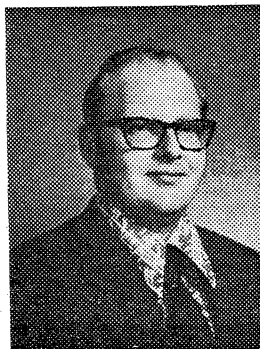


**Dr. M.R. Houck, W. Virginia, V.P. - E.A.S.-** Resides in Carbon, West Virginia. Is a physician in general practice of medicine. Has been a hobbyist beekeeper since 1961. He is a regular attendee of E.A.S. annual meetings. He is married and has three daughters.

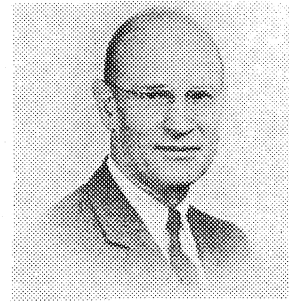
**Thomas E. Raney**-Secretary-Treasurer E.A.S., "Stonybrook", Sharon, Connecticut.

**Dr. David C. Newton**-Director of Public Relations, Central Connecticut State College, New Britain, Connecticut.

**Mrs. Marie Morse**-Society Historian, Sharon, Connecticut.



**Sheldon Ferrell, W. Virginia**-Lives near Middlebourne, West Virginia with wife and three children. Employed with Olin Aluminum Corporation in Ohio as a lab technician. Also works part time for W. Virginia Department of Agriculture as an Apiary Inspector. Presently President of the West Virginia Beekeepers Association. First memory of bees were some old box hives his grandmother owned. Obtained first four colonies at age nine and maintained colonies ever since. Now operates about 200 colonies in West Virginia and Eastern Ohio.



**Arthur C. Holmes, Maryland**-Lives in Millersville, Maryland. Has been hobbyist beekeeper for 20 years. Former President of Maryland State Beekeepers Association. Retired Vice-President of US Federal and Quarantine Company of Baltimore.

**Clarence C. Munroe**-Director E.A.S., East Providence, Rhode Island.

**Carl Sander**-Director E.A.S., Niles, Ohio.

**Philemon J. Hewitt, Jr.**-Director E.A.S., Litchfield, Connecticut.

**Howard Norton**-Director, E.A.S., Limerick, New York.

**Homer P. Powers**-Director E.A.S., Chief, Apiary Inspection, Richmond, Virginia.

**Warren Malick**-Director E.A.S., Pottsville, Pennsylvania.

**K. G. A. Anderson**-Director E.A.S., Northboro, Massachusetts.

**Rene Nolet**-Director E.A.S., East Dorset, Vermont.

(continued next issue)

*Earl P. Cochran, President*

*Marvin R. Houck, M.D., Vice-President*

*Thomas E. Raney, Secretary-Treasurer*

*Dr. David C. Newton, Dir. Public Relations*

*Mrs. Marie Morse, Society Historian*

Wish Success

to the

**Eastern Apicultural Society Journal**



**THE WEST VIRGINIA BEEKEEPERS ASSOCIATION**

**Invites all Members of the  
Eastern Apicultural Society  
and Friends  
to the E.A.S. Conference at the  
University of West Virginia**

*Come and be a little nearer to heaven*

**Let's "CUB"**

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*Congratulations*

*to the*

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*and Best Wishes*

*with their new Journal*

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BEEKEEPERS ASSOCIATION**

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**BEEKEEPERS ASSOCIATION**

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*and Best Wishes*

*with their new Journal*

**MARYLAND STATE  
BEEKEEPERS ASSOCIATION**

**J. I. Hambleton Memorial Award**

**Purpose:** To recognize and encourage outstanding research in apiculture conducted in North America in U.S. Possessions (Canada).

**Nature:** The annual award shall consist of a suitably inscribed silver plaque.

**Establishment and Support:** The award will be established in 1973 in memory of J. I. Hambleton.

**Rules of Eligibility:** A nominee must have accomplished outstanding research which has a direct relation to Apiculture. Special consideration shall be given to independence of thought and originality. Previous recipients of the Hambleton award will not be eligible for future nomination.

**Nominations for Award:** The nominees should be selected on a merit basis through a review of recently published work. Individual nominations can be made by any member of the society although nominations through a university or other research institution are encouraged.

**Deadline for Receipt of Nominations:** The deadline for receipt of nominations is January 1 of each year, excepting 1973, the year of establishment.

**Supporting Information:** Each proposal must be accompanied by a biographical sketch of the nominee, a list of his publications, specific identification of the research work on which the nomination is based (restricted to original data published on the immediately preceding 3 to 4 year period ending December 31) and an evaluation and appraisal of the accomplishments over the 3 to 4 year period which lead to nomination for this award. If the nominee is not the sole author of publications relating to the accomplishment of the work during the 3 to 4 year period, his contribution should be specified. The biographical sketch and evaluation of the research accomplished should be no more than two typewritten pages.

Reprints of the specific research on which the nomination is based are desirable. Only published research will be acceptable to the Hambleton Award Committee. Summaries of published data and reviews will not be considered. Only documents supplied to the committee as part of the recommendations or listed in the bibliography will be considered.

The award will be presented at the annual meeting of the society. The recipient must be present to receive the award and to present an honorary lecture.

Renomination of candidates other than awardees is encouraged. However, nominations are not automatically extended from year to year. A formal letter of renomination must be submitted by the sponsor each year prior to the Jan. 1 deadline if the candidate is to be considered. Previously submitted documentation will be retained by the Executive Secretary for one year and only information for the new year need be forwarded with a letter of renomination. Nominations and



**JAMES I. HAMBLETON**

supporting information must be submitted to the J. I. Hambleton Award Committee, c/o The Eastern Apiculture Society by Jan. 1 in order to be considered for the current year.

**Selection of the Hambleton Award Committee:** The award committee shall consist of three scientists appointed by the Board of Directors of the Eastern Apiculture Society when assembled at the annual meeting. The initial appointments shall be for one, two, and three years, so that a rotation system may be established. In subsequent years, therefore, only one scientist will need be appointed to the committee with a two year appointment in each case. For the year 1973 award an interim or ad hoc-committee and chairman will be appointed by the Board of Directors of the Eastern Apiculture Society at their April 1973 meeting. In August 1973, at the annual meeting, this committee will be dissolved and a new committee appointed. Thereafter, the chairmanship shall rotate to the senior member on the committee.

**Committee Procedure:** Members of the Hambleton Award Committee will individually evaluate the annual list of nominees by April 1, each submitting a rank order of his evaluation to the Secretary of the Eastern Apiculture Society. Three top ranked nominees as averaged from the committee list will be resubmitted to the committee for reevaluation. The Awardee will be made known to the president by the committee chairman on or before July 1.

## EASTERN BEEKEEPERS POLLINATION ASSOCIATION

by Dewey M. Caron  
Extension Apiculturist  
University of Maryland

Agriculture in the U.S. has become a very complex and specialized occupation. Farms have increased in size and farmers tending the lands and crops have become fewer in number to where today less than 5% of our population can be classified as farm. The list of agricultural commodities that require an insect in order to accomplish pollination has not increased but the farmer has become more single crop oriented and his plantings are very much larger. If his crop requires pollination, the farmer of today must seek the assistance of another farmer, a beekeeper renting his bees for pollination, to obtain his crop.

Just like the growth of fruit trees or the planting and harvesting of cucumbers, the care of bee colonies for crop rental has become a specialized and complex business. Like their farmer friends with their horticultural, vegetable or seed associations the beekeepers of several eastern states that rent bee colonies for crop pollination have formed an association. Their association, like most, enable the bee colony renter to get together with others to compare notes, talk the rental business and listen to speakers with developments and information on their specialty. The association of bee colony renters is called the Eastern Beekeepers Pollination Association.

This Association has members in 7 eastern states (New Jersey, Pennsylvania, Delaware, Maryland, West Virginia, Ohio and Virginia). Colonies are rented to a number of different crops including fruit such as apple and pear, vegetables such as cucumber, melons, asparagus and lima bean, berries such as strawberry, blue and cranberry, seed crops like crown vetch and onion and a few other

miscellaneous crops or ornamentals of limited acreages.

The Pollination Association was formed in 1969 and has had at least one and usually two meetings each year since its beginning. The list of speakers is very extensive. Federal and state research people, beekeepers and crop farmers from all represented states have been on the program. The members have worked at the meetings too. Minimum standards for Association members were established for each major crop receiving rental bee colonies. The standards are those reasonable for the particular crop both from the beekeepers standpoint and from the view of the farmer who must pay the beekeeper for each colony supplied. These are tough standards and each member must exert himself to see that his colonies conform to the adopted standards.

A pollination rental contract form has been prepared to assist members and any beekeeper renting colonies. The form is not long or complex and has sufficient room to accommodate individual situations. It does help avoid confusion on colony numbers, delivery and removal dates of bee colonies and helps reduce spraying of chemicals harmful to bee colonies while bees are providing their pollination services.

Recently the Association has completed a member survey and have an up-to-date compilation of what is available for various crops from members. It is now possible to contact the Association secretary and determine if a member has colonies available for rental for a certain crop anywhere in the seven state area. With this listing, no farmer needs to go without necessary pollination service or to accept inferior bee service. As with all Association projects, this latest survey is an effort to improve pollination practices to benefit both the farmer and beekeeper. The modern beekeeper renting colonies for pollination working through and with a pollination association - they go together.

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