



# NAICC Newsletter

April, 1987

## NEWS NOTES

Dr. Earle Raun, Lincoln, NE received the ARPE (American Registry of Professional Entomologists) "Outstanding Agricultural Entomology" Award. These awards are made in six areas of entomology. Earle also received the "Distinguished Award" which honors only one of the six Outstanding Awards. Congratulations, Earle.

"Infoletter," issued periodically by the International Plant Protection Center provides current information of value to many consultants; subscription is free. To obtain this publication, contact IPPC, Oregon State Univ., Corvallis, OR 97331 and ask them to add your name to their mailing list.

NAICC has renewed its membership in CAST (Council for Agricultural Science and Technology) for 1987. CAST is a consortium of 26 food and agricultural societies whose main purpose is to provide accurate scientific background on key agricultural issues. "Science of Food and Agriculture" is a special publication designed to inform teachers and their students of the scientific underpinnings of America's vital food production and processing system. It is published four times per year and is distributed at no charge to 12,000 high school science department heads. The W. K. Kellogg Foundation last year approved a \$30,000 grant to CAST to expand distribution of this publication during the 1986-87 school year. CAST also publishes many technical reports.

"Directory of the Agricultural Biotechnology Industry" is now available at \$95/copy. Contact Agricultural Biotechnology News, PO Box 7, Cedar Falls, IA 60613.

The NAICC is listed each year in the "National Trade and Professional Associations of the U.S." The NAICC frequently receives inquiries for consultants or contract researchers through this listing. If you would like a copy, contact NTPA, 1350 New York Ave., N.W., Washington, D.C. 20005. Price is \$50/copy.

Dr. Louise Henry, Bishop, GA was elected 1988 President of the Georgia Entomological Society which has 646 members representing all states, except Alaska, and 21 foreign countries.

If you would like to receive the CATI newsletter, please contact: California Agricultural Technology Institute; California State University, Fresno, CA 93740-0079. (No charge for the newsletter.)

## CONTRACT RESEARCHERS

NAICC Contract Researchers: Your names have been sent to E. I. DuPont de Nemours as a contact for contract research. Because of the large number of private researchers in the NAICC, I was not able to send out individual notices. An updated computer printout was provided to Dupont.

This is part of the referral service that NAICC offers to its members. Policy changes in this referral system, made by the Executive Board, will be explained in the next issue of the newsletter. (L. Henry)

## MEMBERSHIP DRIVE

Membership applications are rolling in now that our Membership Drive is officially underway. New members are listed in a separate section of this newsletter. Dr. Earle Raun, Lincoln, NE is chairing the drive along with 29 state NAICC representatives.

It is the responsibility of each state rep to encourage and promote membership among crop consultants within that state or area who are not currently members of NAICC. If you know of any crop consultant, farm manager, or potential affiliate member who is not a member of NAICC but who you think would benefit from membership, please contact the appropriate state rep or Earle. Additional membership brochures are available from either Earle Raun or Louise Henry.

## TAAC MEETS IN AUSTIN

The Texas consultants presented the Outstanding Public Servant Award to Dr. Pat Morrison for his work on the Russian wheat aphid; John Vahalik, NAICC member, received the 1986 Outstanding Consultant Award; and endowment scholarship funds were established at Texas A&M and Texas Tech for students interested in agricultural consulting as a profession.

TAAC voted to become a Sustaining Member of the NAICC and presented NAICC President Dick Kinzer with a check for \$500. TAAC will hold its '87 fall meeting in conjunction with the NAICC in Dallas. Members voted to hire an association management firm and an Executive Vice President. After the meeting, twenty-five consultants acted to form a separate organization for self-certification.

Their program included an explanation of the current and future status of the national IR-4 program, an update on possible changes in EPA regulations for 1987 by Dr. Earle Raun, and a presentation by the Texas Water Commission on surface and ground water contamination.

Bob Glodt, Plainview, is the new President.

Dan Bradshaw

J. P. Goode



## CALENDAR

British Crop Protection Conference — Weeds, Nov. 16 - 19, 1987 at the Brighton Metropole, Brighton, Sussex, England. Contact Mrs. R. A. Bishop, 20 Bridport Road, Thornton Heath, Surrey CR4 7QG, ph. 01-683-0087.

Agro-Expo China 87, Nov. 4 - 10, 1987 at the China International Exhibition Centre in Beijing. Contact China Expo Management Corp., 6 East 39th St., New York, NY 10016, ph. 212-689-9580.

## DUES DEADLINE AND DIRECTORIES

Membership Directories will be printed in May. If you have not paid 1987 dues, do so before the **May 1st** deadline to have your name, or business in the case of Sustaining Members, included in the 1987 Directory.

A Directory Information form has been inserted in this newsletter; please complete the form and return to Louise Henry as soon as possible or by May 1st at the latest.

## CONGRATULATIONS AND BEST WISHES

... To two of our members who have joined forces. Madeline Biemuller and Dr. Charles Mellinger were married May 1986. Our very best wishes to both of you.

## NAICC TO MEET IN DALLAS

Dates and hotel have not been finalized, but the 1987 meeting location will be Dallas in early November.

Program topics are planned as follows: Ramifications of California Proposition 65, ARPE's Proposed Program for Licensing Crop Consultants (in all states), Urban Consulting: Lawns and Ornamentals, Current and Future Prospects for Insuring Crop Consultants, Genetic Engineering Update, and concurrent sessions divided by region or by crop.

Dr. Stanley Nemec is program and local arrangements chairman, ph. 409-272-8022. Please contact Stan for more information on the meeting or exhibits.

## NEW MEMBERS IN NAICC

### Voting Members

Mr. Steve Acquafresca, Cedaredge, CO  
Mr. John E. Arnold, Marianna, FL  
Mr. Arthur Cole, Lodi, WI  
Mr. Robert Glodt, Plainview, TX  
Mr. J. P. Goode, Rio Hondo, TX  
Mr. Lee Haile, Hondo, TX  
Dr. Aubrey Harris, Glen Allan, MS  
Mr. Michael McHugh, Uvalde, TX  
Mr. Paul Min, Phoenix, AZ  
Dr. Richard Nelson, Watsonville, CA  
Mr. Bill Nissen, Clear Lake, IA  
Dr. Clyde Sartor, Jr., Vicksburg, MS

## TALENT AVAILABLE

Laura Georgi, Ph.D. in plant pathology (Cornell Univ.), M.S. in entomology (Purdue Univ.). Laura's research was concerned with parasitic nematodes that transmit viruses to plants. 132 Star Stanton Hill, Freeville NY 13068, ph. 607-844-8507.

Carlos A. Parada, B.S. in Agronomy (Univ. of Maryland), bilingual (English/Spanish), considerable experience in crop production, agricultural chemicals and sales/marketing. PO Box 86173, Maderia Beach, FL 33738.

Steven J. Howey, M.S. in Agronomy (North Dakota State Univ.), farming background, work experience with Pioneer HiBred International in plant breeding and seed increase techniques. 14 Roberts St., Apt. 1, Fargo ND 58102, ph. 701-293-5945.

Jerry Derenthal, has a degree in Integrated Pest Management from Virginia Tech, technical writing skills and familiar with the use of computers. Experienced in crop production and scouting. 2812 Monument Ave., #4, Richmond, VA 23221.

Mark C. Mathiasen, B.A. in Economics from College of St. Thomas, is seeking a position in an agribusiness firm dealing in agricultural commodities; has computer and crop production experience. 7339 Lyndale Ave. South, Richfield, MN 55423, ph. 612-866-2547.

## MORE NEWSLETTERS

Now that the NAICC has its finances back in order, the Executive Board has authorized renewal of the newsletter which will be published as often as finances and time allow. As with any publication, the newsletter's value and success depend on the quality of its contents.

Please send any information or news from state meetings, local happenings, problems, meeting dates, pesticide updates, or anything you feel might be of interest to members.

Louise Henry

### Affiliate Members

Mr. Robert Kennedy, Pest Management Computer Records, Salinas, CA

Mr. Marvin Vierra, Cal-Agro Seed Co., Visalia, CA

### Academic Member

Dr. J. Benton Jones, Dept. of Horticulture, Univ. of Georgia, Athens, GA

### Change of Status (Provisional to Voting)

Mr. Geir Friisoe, Lincoln, NE

Ms. Jill Heintz, Lincoln, NE

### Changes of Address

Dr. E. Glen Keyser, 6261 White Sulphur Ct., Grove City, OH 43123, ph. 614-878-8112.

Dr. Les Leininger, 8148 Sanborn Dr., Lincoln, NE 68505.

Mr. Jack R. McDaniel, PO Box 7682, Monroe, LA 71211.

Dr. Emil A. Moherek, Rt. 1, Box 62, Clermont, FL 32711, ph. 904-394-6950.

Mr. A. J. (Anthony) Bredberg, P.O. Box 620, Newmarket, NH 03857-0620, ph. 603-659-3559.



## PESTICIDE USER'S COMMITTEE, APRIL 1, 1986

(Summarized by Earle S. Raun, member of Committee, Representing Ag Consultant Profession)

For those who are not familiar with the Pesticide User's Advisory Committee (PUAC), it was established almost 5 years ago to provide comment and advice from a segment of USERS OF PESTICIDES concerning various proposals, suggestions and thoughts that the EPA might wish to bring to the group. It is also to bring concerns about pesticide regulations, labels, etc., as user's see them, to EPA for consideration. The Committee meets twice each year, and frequently has paperwork sent to it for interim work.

From now on I will try to summarize pertinent Committee activity twice each year, to be included in the NAICC Newsletter. If any of you have thoughts or concerns you would like me to carry to the EPA, please drop me a line.

## CHEMIGATION

Although several states have chemigation laws on the books, several of them do not adequately protect ground and surface water sources. EPA is currently considering a regulation on Chemigation, requiring certain safety equipment on irrigation pumping plants and injectors, and requiring pesticides which are to be applied through irrigation systems to be so labeled. Their current draft of the regulation is very similar to the state laws in effect in Kansas and Nebraska.

## CERTIFICATION AND TRAINING

Having never been up-dated since the original regulation requiring certification before use of RESTRICTED USE PESTICIDES, EPA is moving toward such a renovation. Requirements for Private Applicator Certification will likely be stiffened. There is also consideration of an Advisor's category, either in the Certification, or in separate regulation.

## OIL ADDITIVE/DILUENT SITUATION

For about 2 years, EPA has been struggling with interpreting what it means when it talks about diluting pesticidal sprays with oil. It came to their attention in the south when aerial applicators began using vegetable oil and pyrethroids as a ULV mixture. EPA has moved through the whole spectrum to the point of saying that ANY oil added to a spray mixture must be labeled for that mixture. Now, it appears that we may get a sensible ruling to the effect that any spray mixture which contains a pesticide may have an oil added, as long as the PRIMARY DILUENT IS WATER. (This means that 51% of the mixture is water.)

## INERT INGREDIENTS

EPA is currently studying the problem of inert ingredients statements on pesticide labels. Under the current definition, inert ingredients are those things that have no pesticidal activity. This does not mean they are inert as far as human environmental toxicity is concerned.

## MINOR USES OF PESTICIDES

Recently published in the Federal Register is a new policy statement concerning pesticidal registration for minor uses on food and feed crops. As you know, this has been a problem ever since FIFRA. Partly solved by the so-called IR-4 program, it has not totally done so. Now, a group (cooperative, large

grower, etc) can obtain registration, and if it does so, only the members of that group may use the pesticide. The approach has been carried out by at least one grower cooperative on a minor crop in Florida. If you're interested in pursuing such a registration, get in touch with me and I'll give you the people to contact.

## DISPOSAL OF RINSEATE AND CONTAINERS

The disposal of rinseate and empty containers is a continuing problem, particularly for large users. It is impractical to put the "triple rinseate" into the spray tank and apply it. The EPA is studying this problem.

## EFFICACY DATA

Most of you know that EPA does not require the submission of efficacy data in the registration of a new pesticide. The waiver of efficacy data goes back about 4 or 5 years. They DO require efficiency data on their re-registration process, however. Without efficiency data it is very difficult to figure a use/benefit ratio.

## ENDANGERED SPECIES: MORE REGULATIONS

Dr. Charles Mellinger, Florida, represented the NAICC at the Endangered Species Meeting in Washington, D.C. on March 13, 1987. The following are some notes from that meeting. As you will see, it will mean longer labels and more regulations on pesticide use.

"Another set of regulations for the farmer is forthcoming. This set is EPA's implementation of **The Endangered Species Act** under FIFRA which provides legal protection for endangered species including their habitat.

"Basically, a pesticide's use is prohibited in the range of jeopardized species. Therefore, each pesticide label will identify to county level the endangered species prohibitions.

"To facilitate implementation EPA and FWS (Fisheries and Wildlife Service) have devised a "cluster" approach. In the cluster approach, pesticides with similar use patterns are considered or clustered together. Eight clusters have been considered or clustered together. Eight clusters have been completed: rangeland, mosquito larvacides, forest, and cropland (5 field crops). If the pesticide jeopardizes a species in counties in which this species has its habitat, this will be on the label and thus its use prohibited. Vegetable and fruit crops are not being clustered but will be considered on a crop by crop, site by site basis.

"Crop (5 field crops) and rangeland clusters take effect spring 1988 along with the other crop situations. Product containers will have to be labelled by February, 1988. Until that time labels will be provided at point of sale.

"A major 'outreach' program is planned to alert and educate users and growers by EPA using slide shows, mailing, TV, radio, workshops, etc. Consultants were omitted as a recipient of this information. Ms. Wendy Butler, Office of Pesticide Programs, pointed out that for a very large number of growers, the consultant is much more influential in a grower's pesticide use decision than e.g., the extension agent (EPA's understanding). With this bit of enlightenment, they became very interested in providing us with the details of the Endangered Species Act."



## PESTICIDE UPDATE

EPA has issued a registration standard which requires that retail sale and use of all end-use products containing aldrin be restricted to certified applicators or persons under their direct supervision. The document also mandated label changes to spell out specific aldrin disposal procedures because its wastes are classified as "acutely hazardous."

USDA reports the following instances of acquired pesticide resistance: 17 insect species are resistant to the major classes of insecticides; 557 insect, tick and mite species are resistant to one or more insecticides or miticides; at least 1009 plant pathogens are resistant to pesticides; at least 48 weed species have developed resistance, primarily to triazine herbicides.

EPA has published an amendment to its notice of intent to cancel diazinon registrations on golf courses and sod farms. An additional 30 days, until March 27, are allowed for requests for hearings. It is spelled out that labelled uses on such things as ornamental grass, lawns, turf, recreational areas are included in the intent unless an actual prohibition against use on golf courses or sod farms appears on the labelling.

EPA has withdrawn its original notice of intent to unconditionally cancel the registration of strychnine for prairie dog, meadow mouse and ground squirrel control and will permit continued use for these purposes if certain conditions are met.

Labels for several pesticides, including carbofuran, atrazine and picloran now contain EPA's ground water advisory statement, which reads: "... is a chemical which can travel (seep or leach) through soil and can contaminate ground water which may be used as drinking water ... has been found in ground water as a result of agricultural use. Users are advised not to apply ... where the water table (ground water) is close to the surface and where the soils are very permeable i.e., well-drained soils such as loamy sands. Your local agricultural agencies can provide further information on the type of soil in your area and the location of ground water."

Pesticide manufacturers are quoting prices for the 1987 season that are up about one percent from last year. If the price increase is realized at the local level it would reverse the general decline in pesticide prices over the last 4-5 years (Agricultural Resources, January, 1987).

EPA has issued a notice of intent to cancel the registration of all products containing pentachlorophenol, including its salts and esters, for all non-wood uses except for pulp/paper mill, oil well operations, and cooling tower uses. Pentachlorophenol has been used as a herbicide, antimicrobial, disinfectant, mossicide and defoliant.

A bill to force the Food and Drug Administration to seize and destroy imported food with residues above legal limits instead of fining and requiring importers to recall tainted shipments was introduced in the House of Representatives by Rep. Ron Wyden (D-Ore). Wyden said the present policy allows unsafe food to be consumed by the public and undercuts U.S. farmers, who cannot compete with foreign growers who can use pesticides at levels that are illegal in the U.S.

Dicofol (Kelthane) DDtr contaminant data from Makhteshim-Agan (American) is being reviewed by EPA, which, so far, has not found excess contamination requiring action. The new dicofol registration application from Rohm and Hass Company is being reviewed.

EPA has made a preliminary determination to cancel registrations of non-wood preservative uses of inorganic arsenicals other than turf herbicide use of a flowable calcium arsenate, grapefruit growth regulator use of lead arsenate and grape fungicide use of sodium arsenite. These three and a desiccant use of arsenic acid are still under Special Review.

EPA has reached preliminary determination to cancel cyanazine (Bladex) registrations unless certain label changes are met. Protective gloves are required when mixing or loading, or when adjusting, repairing or cleaning use equipment. A protective apron is required for mixing or loading. In addition, closed loading systems are required for aerial use. There are some additional requirements.

## National Alliance of Independent Crop Consultants



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