

AAPFCO UPDATE 2004

BY

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AAPFCO President 2004-05

**Utah Department of
Agriculture & Food**



TIME CHANGES

WHERE WERE YOU

5 YR AGO

10 YRS AGO

20 YRS AGO



HOW HAS FARMING CHANGED

100 YRS AGO

200 YRS AGO



1776



George Washington's beloved home, Mount Vernon, was built on a bluff high above the Potomac.

May 10, 1869



135 years later





















CHANGE

20 YEAR OR MORE





1954

An aerial photograph of a vast agricultural valley. The foreground shows a green field with a winding road. The middle ground is a patchwork of green and brown fields. In the background, there are blue mountains under a clear sky. A red-bordered box with a blue-to-white gradient background contains the year '1984' in red text.

1984

An aerial photograph of the same agricultural valley as in 1984, but in 2004. The landscape appears more developed with more visible infrastructure and changes in land use. A white-bordered box with a white-to-gray gradient background contains the year '2004' in white text.

2004

Cache Valley Agriculture

MODERN TECHNOLOGY & FERTILIZER



CAN FEED
THE
WORLD



REMEMBER

20 YEARS FROM NOW



NO FOOD

NO FARMS



WHO IS AAPFCO?

- THE ASSOCIATION
 - OF
- AMERICAN PLANT FOOD
 - CONTROL OFFICIALS



STATE REPRESENTATIVE
are
FROM
THE STATE DEPARTMENT
OF AGRICULTURE
OR
UNIVERSITIES



INDIANA



FLORIDA



Missouri



Texas



North Carolina



Kansas



Nebraska

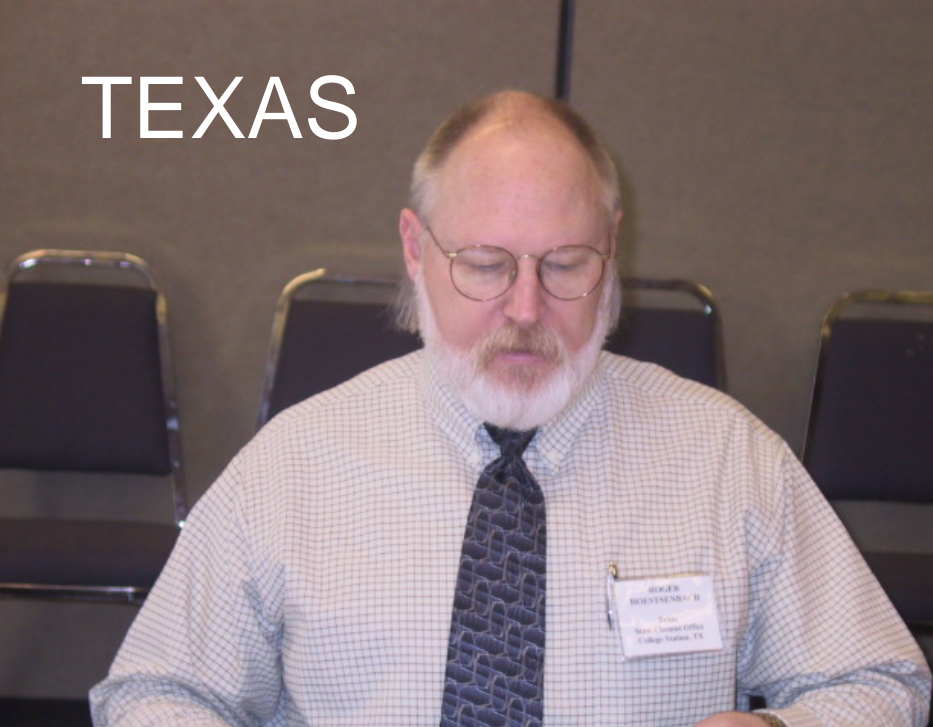


South Carolina





TEXAS



TEXAS



NORTH CAROLINA



NEW MEXICO



KENTUCKY



INDIANA



OREGON



CANADA

NORTH CAROLINA



NORTH CAROLINA



Kentucky NORTH DAKOTA





CALIFORNIA



MICHIGAN



NEBRASKA



SOUTH CAROLINA



TEXAS
Delegation with
Pam Guffain, TFI



FLORIDA



WISCONSIN

THE FERTILIZER INDUSTRY IS A IMPORTANT PART OF AAPFCO











AAPFCO

ASSOCIATION OF AMERICAN PLANT FOOD CONTROL OFFICIALS

www.aapfco.org



PAST, PRESENT & FUTURE



Big Changes in AAPFCO

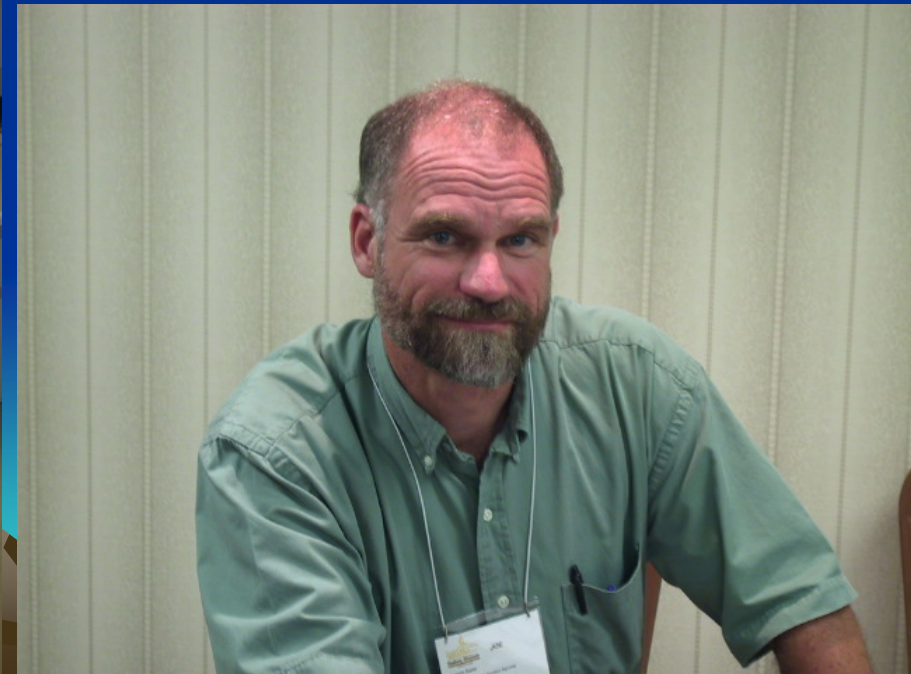


New Secretary

David Terry, KY
Started 1981



Joe Slater, MO
AAPFCO
5 th Secretary



New Treasurer

Joel Padmore, NC
Started 1987

Jamey Johnson, AR
AAPFCO
7 th treasurer



AAPFCO PURPOSE

- **PROMOTE UNIFORM AND EFFECTIVE**
 - **LEGISLATION**
 - **DEFINITIONS**
 - **RULING**
 - **ENFORCENMENT**
- **EFFECTIVE & ADEQUATE ANALYTICAL METHODS**



- **HIGH STANDARDS IN FERTILIZER INSPECTIONS**
- **PROMOTE ADEQUATE LABELING & SAFE FERTILIZER USE**
- **FREE EXCHANGE OF INFORMATION**
- **COOPERATIVE STUDY OF PROBLEMS**
- **PROMOTE THE USEFULNESS & EFFECTIVENESS OF FERTILIZER PRODUCTS**
- **PROTECTION OF SOIL AND WATER**

AAPFCO / INDUSTRY

COOPERATION

WITHOUT

COLLUSION



STANDING COMMITTEES

- Best Manufacturing Practices
 - Bylaws
 - Education & information
 - Environmental Affairs
 - By products & Recycled materials
 - Nutrient Management
 - Laboratory Services
 - Labeling & Definitions
 - Life Membership & Memorials
 - Long Range Planning
 - Magruder Check Sample
 - Seminars
 - **Slow release new**
 - Uniform Bills
 - Uniform Reports
- 

Best Manufacturing Practices

- New Name
- Fluid Fertilizer Bulk Blend Manual
- Workshops Conducted
(56 conducted since 1990)
- New Definitions
- Total plant review checklist to assist in plant security
- Home Land Security



BY LAW

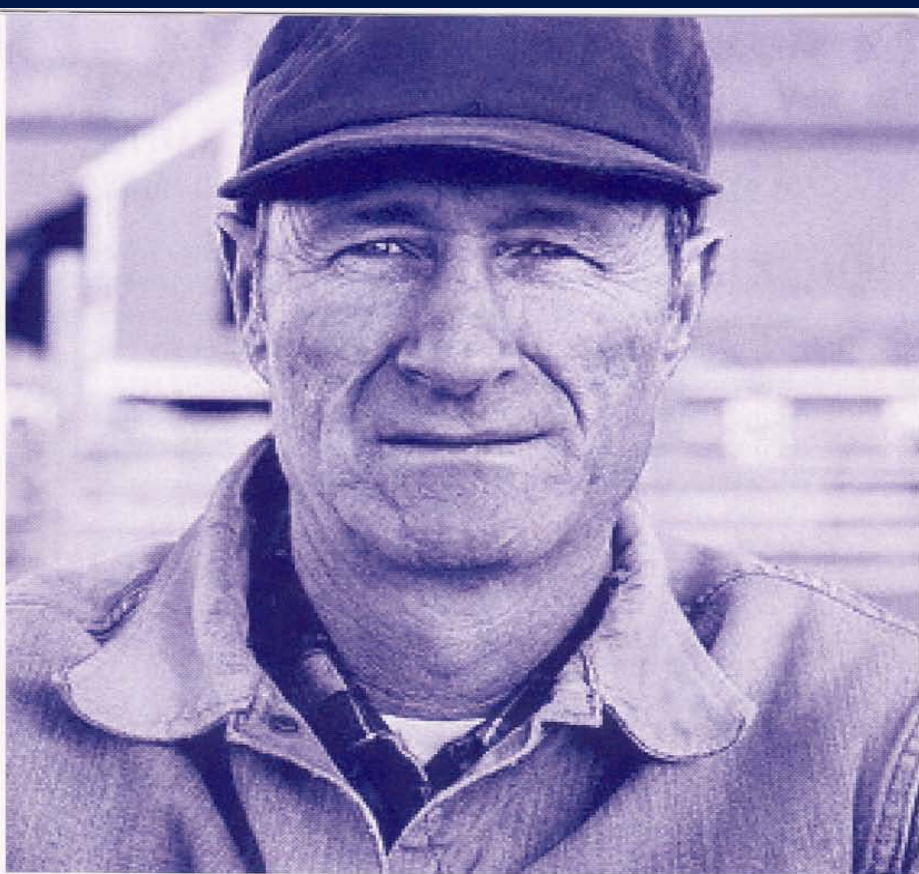
- NOTHING NEW



Education & Information

- Informational Brochures Updates
- AAPFCO Operation Manual
- Proposed Brochures
- Future Brochure on Heavy metals
- All accessible on web AAPFCO site
- AAPFCO joins with TFI / ATFA





AMERICA'S SECURITY BEGINS WITH **YOU**

Sponsored by:
The Fertilizer Institute
Bureau of Alcohol, Tobacco, Firearms and Explosives

Endorsed by:
The Association of American Plant Food Control Officials

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The Association of American Plant Food Control Officials

Check web sites

www.aapfco.org

Or

www.tfi.org



Environmental Affairs

- Nutrient Management
 - State Perspectives
 - Effects of Urban Development
 - Misperception about Nitrogen and Phosphate



Environmental Affairs

- By-Products and Recycled Materials
 - SUIP #25 Metals in Fertilizers
 - EPA Update on Zinc Bearing Wastes
 - Poultry and hog Manures
 - High levels of phosphate applied to ag. lands



Laboratory Services

- Non-Nutrient Metal Analysis
- Needed AOAC Collaborative Study on non-nutritive metals Analysis Methods
- Possible sources of Standards
- Preliminary Results on Arsenic, Cadmium, Lead, Mercury and Selenium by 29 Labs
- Sample Preparation Manual



Labeling & Definitions

- New Definitions
 - Phosphite
 - Chelates
- Most active Committee / Standing room only
- New chairperson Maryam Khosravifard / CA



LIFE MEMBERSHIP

AND

MEMORIALS



Magruder Check Sample

- Fifteen Samples Approved
- Participation Fee remains at \$150.00 + \$25/Foreign Participants
- Non-Nutritive Metals Analysis
- Electronic Reporting is being Reviewed



Seminars

- Fertilizer Inspectors training – Last month in Tennessee – 67 attendance / 20 states with Puerto Rico
- Correct sampling procedures / protocol
- Fertilizer Administrators - Oklahoma City - next week



Slow Release

- Sampling-Awaiting AOAC Direction
- Presentation at the Annual meetings by Dr. Jerry Sartain
- Enhanced Efficiency Fertilizer latest publication by TFI



Uniform Bills

- Directions For Use
- Compost-On Hold
- Pre-Emptive Language
- Florida already confronted with Pre-Emptive local municipalities, cities & counties
- Other states not far behind



Nickel be added
as an essential nutrient

- Element Minimum

Nickel (Ni)0.0010

See detailed summary in paper
Tentative for 2004



Uniform Reports

- UFTRS Version 4.04
- Commercial Fertilizers Publication
- Dr. David Terry, coordinator
- Uniform Product Registration



WHAT IS THE FUTURE?

- Ammonium Nitrate regulations -RUP
- Anhydrous ammonia – meth. drug users
- Fertilizer Products safe?
- Pathogens in Composted materials
- Heavy metals, who has adopted the new SUIP #25
- CANADA – Restricted Use Fertilizers
- 504 EPA / Bio Solids



There is an old adage

- “Those who have food on the table have many worries, while those who have no food on the table have only one”



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The End!

BUT NOT REALLY

