

Virginia Agricultural Council

ANNUAL REPORT

Fiscal Year Ending June 30, 2008 Tscharner D. Watkins, III Chair Cecil E. Myerhoeffer, Jr. Vice Chair



Jason O. Bush Secretary Donald B. Ayers **Executive Director**

The Honorable Timothy M. Kaine Governor Commonwealth of Virginia Richmond, Virginia 23219

Dear Governor Kaine:

The Virginia Agricultural Council is pleased to present its annual report for the fiscal year ending June 30, 2008.

The members of the Council appreciate the opportunity to serve the industry of agriculture in the Commonwealth of Virginia.

We trust you will find the report informative and rewarding, when recognizing the diversity of agricultural interest in the State that contributes greatly to the Commonwealth's economic growth.

Sincerely,

VIRGINIA AGRICULTURAL COUNCIL

Tscharner D. Watkins, III Chairman

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Virginia Agricultural Council Members 2008

Joseph H. Barlow 8204 Longvue Circle Suffolk, VA 23436 Commodity: peanuts, cotton

Jason O. Bush Route 3, Box 281 Castlewood, VA 24224 Commodity: cattle, tobacco

Philip B. Glaize, Jr. P. O. Box 2077 Winchester, VA 22604 Commodity: apples

Dr. John R. Hall III 301 Hemlock Drive, SE Blacksburg, VA 24060 Commodity: turf

Cecil "Sonny" Meyerhoeffer 1386 River Bluff Road Mount Crawford, VA 22841 Commodity: corn, soybeans, dairy, turkey

Paul W. Rogers, Jr. 1233 Southampton Road Wakefield, VA 23888 Commodity: peanuts, cotton, grain

Lynn Rush St. Clair 4176 Swover Creek Road Edinburg, VA 22824 Commodity: vegetables, berries – direct marketing

Tscharner Watkins, III 2260 Chalkwell Drive Midlothian, VA 23113 Commodity: nursery stock Jean Brown Box 154 Lincoln, VA 20160 Commodity: beef cattle

Kathy Coffee 2255 Fletcher Chapel Road Kenbridge, VA 23944 Commodity: tobacco, soybeans

Sara C. Gorman 1445 Oxford Road Charlottesville, VA 22903 Commodity: grape, winery

C. Frank Jordan 3607 Labrador Lane Suffolk, VA 23435 Commodity: peanuts, cotton, soybeans, pork

Mark H. Newbill 105 Darlington Drive Rocky Mount, VA 24151 Commodity: dairy

John Sponaugle 8888 Leroy Road Grottoes, VA 24441 Commodity: sheep, turkey

Steve W. Sturgis 2403 Savage Neck Drive Eastville, VA 23347 Commodity: Vegetables

VIRGINIA AGRICULTURAL COUNCIL EX-OFFICIO MEMBERS

Todd P. Haymore Commissioner VA Dept. of Agriculture & Consumer Services 102 Governor St. Richmond, VA 23219

Dr. Sharron Quisenberry
Dean, College of Agriculture & Life
Sciences
VPI & SU
104 Hutcheson Hall
Blacksburg, VA 24061

Dr. Alma Hobbs Dean, College of Agriculture Virginia State University 100 Owens Hall Box 9081 Petersburg, VA 23806

PURPOSE OF THE COUNCIL

The General Assembly of Virginia recognizes that the industry of agriculture is important to the prosperity of the State and is a major source of income to a large segment of the State's population. A healthy industry of agriculture is essential to the welfare of the citizens of the State.

As a result, the Pennies for Progress Act was passed in 1966 by the General Assembly, establishing the Virginia Agricultural Council to administer the objectives of the Act. Provisions of the Act permit financial assistance and support for agricultural research, education, and services. Activities sponsored are to complement rather than substitute for existing programs. See Code of Virginia, Chapter 4.1, Virginia Agricultural Council, Section 3.1 22.1-22.5, as amended.

The Act states that additional research is required to find new uses for agricultural products, to develop new markets for such products, and to promote more efficient and economical methods of agricultural production. An expanded program of agricultural research is essential to these objectives and will be beneficial to the State.

The Virginia Agricultural Council is directed by 18 members, 15 of whom are engaged in farming and all appointed by the Governor. Insofar as practical, each of the members should be engaged in the production of a different agricultural commodity.

The General Assembly specified in the Act, that it is in the public interest that assessments be levied upon certain agricultural supplies used by farmers. Monies will be received from one-half cent per gallon of the State gasoline tax refund made on motor fuel used for agricultural purposes; five cents per ton levy on lime sold; twenty-five cents per ton on fertilizer sold, with five cents per ton for Virginia Agricultural Council use; and seven cents a ton on feed, except Vi feed sold in individual packages of ten pounds or less; 3/10 of 1% of gross sale receipts from lawn and turf seed with 50% to the Council. The Council is also authorized to accept gifts and grants.

The Council will accept requests for financial assistance from any organized group within, or serving Virginia's industry of agriculture. This includes suppliers, farmers, marketers, extension centers, colleges, and universities.

The Council's philosophy in selecting projects for support is that projects should exhibit the capabilities of yielding timely results applicable and useful to Virginia's industry of agriculture. Studies should address current or foreseeable problems and interests and should have the potential of providing benefits to a reasonably broad spectrum of agricultural needs. This is not to say that very specialized projects or basic studies will not be considered; they should show promise, however, of leading to results that can be applied in a reasonable length of time.

There are five basic considerations, as follows:

- a. Importance of the project to Virginia's agricultural economy.
- b. Recognition by the public and/or the Council of the project's importance.
- c. Availability of other funds from industry, commodity groups, governmental agencies, and/or private individuals for support of the projects.
- d. Availability of personnel and facilities to conduct the project, if Council support is received.
- e. Ability of the group, organization, or agency to execute the proposal.

Council members meet at least twice each year, once in the spring, and again in August. New project proposal requests are heard only at the spring meeting which is the fourth Monday in March. The project leaders will complete a summary sheet (preproposal) outlining the objectives of their proposal that must be received by November 15 each year. By December 31, applicants whose pre-proposals are selected will be invited to submit full proposals.

To help the Council in its work, all proposed projects should be submitted in writing on either an approved form, available upon request from the address shown below, or in a format that includes the following essential elements: (a) title; (b) date of proposal; (c) date of study initiation; (d) estimated duration; (e) objectives; (f) justification; (g) summary of procedures; (h) how results will be disseminated and utilized; (i) personnel and facilities involved, including project leaders and their resumes; (j) itemized budget request, by each fiscal year; and (k) source and amount of other supporting funds, facilities, and personnel. This will aid the Council in evaluating the need and importance of each request. Twenty copies of each proposal should be sent to the address shown below along with twenty copies of any letters of endorsement from commodity interest groups, associations, or individuals that might help indicate the amount of interest and need for the project. Properly supported project proposals must be received by the Executive Director no later than 5:00 p.m. February 28 of each year in order to be considered at the March meeting. Project leaders are encouraged to appear in person to summarize orally their requests and answer questions.

The Council only approves project funding for one fiscal year at a time (July 1 - June 30). Continued financial support past the first fiscal year depends upon reports of progress, availability of funds, and priority in relation to other requests. The second Council meeting in August (fourth Monday) is the Council's Annual Business Meeting.

Executive Director Virginia Agricultural Council 7163 Ayersby Drive Mechanicsville, VA 23111

Listing of Projects and Approved Funding by the Virginia Agricultural Council for the Fiscal Year 2008-2009 at the March 17-18, 2008 Meeting

Use of a Hand-Held Electronic Nose for	\$ 12,000.00
Non-Destructive Evaluation of Wine	+ 1-,555155
Grape Maturity	
Agriculture in the Classroom Ag Map	12,000.00
Project	
Determining the Value of	2,645.00
Spring/Summer De-worming of Brood	
Cows by Measuring Calf Performance	
and Internal Parasite Load at Weaning	
Thrips populations and management in	14,000.00
vegetables, row crops, and greenhouse	
crops in Virginia	
Exploring Bioenergy Production	20,000.00
Potential for Virginia Dairies	
Fertility of purebred Holstein and	20,000.00
Jersey cows compared to crossbreds	
of the two breeds	
Dairy Cattle Heat Stress Measurement	6,100.00
and Education	
Identifying mastitis prior to onset of	9,400.00
clinical signs using milk lactose	
concentration as an indicator	
The Next Generation of "Designer	23,000.00
Manures" for Virginia Dairy Farms	
Landscape Plant Germplasm	5,000.00
Collection	
Controlling and Preventing Further	15,000.00
Spread of Palmer Amaranth	
High value plastics from agricultural	20,000.00
proteins	
Improving Management and	11,500.00
Identification of Tomato and Pepper	
Diseases in Virginia	
Evaluating Alternative Management	8,500.00
Strategies for Bacterial Wilt in Tomato	
Improving Yield and Cosmetic Quality	6,500.00
of Red-Skin Potatoes Grown in Virginia	
Effect of vaccination against porcine	15,000.00
type 2 circovirus on ejaculate	
characteristics and the shedding of	
virus in boar semen	

Planning for a Sustainable Biofuels	8,000.00
Industry in the Old Dominion	
Generating molecular markers suitable	13,000.00
for switchgrass breeding for high yield	
and disease resistance	
High Pressure Processing to Eliminate	15,000.00
Salmonella enterica from Whole and	
Fresh-Cut Tomatoes	
Integrated Pest Management for Tall	26,000.00
Fescue and Bermudagrass	
Organic Matter Dilution Programs for	12,932.00
Sand-based Putting Greens in Virginia	
On-Site Ultradwarf Bermudagrass	6,496.00
Evaluation for Putting Green Use in	
Eastern Virginia	
Pest Management Options for Annual	8,492.00
Bluegrass Weevil, Cicada Killer, and	
White Grubs on Golf Courses and Sod	
Farms	

Total 23 New Projects

\$290,565.00

RESEARCH PROJECTS APPROVED FOR SECOND AND THIRD YEAR CONTINUED FUNDING IN 2008-2009

SECOND YEAR FUNDING	
Minimizing risk of ambrosia beetles and dogwood borer attack in nursery tree	7,500.00
production Strip-Till Tobacco Research Studies in Virginia	11,600.00
Herbaceous Crops for a Virginia	5,496.00
Biofuels/Bioproducts Industry Evaluation of organic or environmentally	8,500.00
selective methods to control Japanese	0,500.00
beetle on fruit crops	12,000,00
Control of Pre-harvest Fruit Drop and Extension of Post-harvest Life through Use	12,000.00
of Plant Growth Regulators in Apples	
Identification \$ Genetic Characterization of Stripe Rust Resistance in SRW Wheat	11,000.00
Dietary Programs for Improved Broiler	18,000.00
Performance during Coccidial Infections	2 000 00
Increasing the Profitability of Livestock Operation in Virginia	3,000.00
Propagation and Production of Native	6,000.00
Wildflower Species – a Systems Approach Partial Control of overseeded Grasses as	12,000.00
a Novel Approach to Spring Transition	12,000.00
THIRD YEAR FUNDING	
Improvement of Strawberry and Raspberry	2,000.00
Cultivars for the Mid-Atlantic	10,000,00
Fungicide Resistance Monitoring and Management Strategies for Virginia	10,000.00
Breeding Sulfonylurea Tolerant Soybeans	10,000.00
(STS) Adapted to Virginia Effects of environmental and biological	20,000.00
factors on efficacy of major chemical	20,000.00
thinners in apples	7 000 00
Edamame: A potential Vegetable Crop to Virginia	7,000.00
Total 15 continuation projects	\$144,096.00
. c.a communication projecto	Ψ1-1-1,000100

Grants Completed June 30, 2008

Ground Trees as a Nursery and Greenhouse Container Substrate Value-Added Forage-Based Growing Beef Cattle Systems for Southwest Virginia Integrating Pheromone and Bait Monitoring Techniques for Management of Ambrosia Beetles and Dogwood Borer in Production Nurseries Nitrogen Retention and Release in Long-term No-till Crop Production in Mid-Atlantic Costal Plain "Designer Manures" for Virginia Dairy Farms Integrated Pest Management for Cool and Warm-Season Turgrass (SEED) Development of an In-line Drain Tile Filter to Capture and Quantify Nitrate and Phosphate Leachates from Sand-Based Putting Greens (SEED) Survey of Grape Powdery and Downy Mildew Sensitivity to Commonly Used **Fungicides** An Examination of Sod-Based Cropping Sequences in Cotton and Peanut Production Development of Omega 3 Rich Algae from Cull Potatoes and Biodiesel Waste for Use as a Chicken Feed Supplement Screening Medicinal Plants as Potential Substitutes for Dietary Antibiotics Evaluating the Susceptibility of Virginia-type Peanut Varieties and Advanced Breeding Lines to Tomato Spotted Wilt Virus and Tobacco Thrips Improved Pest Management and Production of Snap Beans in Virginia Petitioning the Animal and Plant Health Inspection Service for Deregulated Status of Peanuts Genetically Engineered for Disease Resistance Improved management of stink bugs in agricultural crops and vegetables Evaluation of esterase based resistance in the tobacco aphid, Myzus persicae (Sulzer) Agriculture in the Classroom Environmental Sampling for Recovery of Airborne Campylobacter spp. in Poultry Houses and Processing Plants Evaluation of enhanced dietary energy in combination with reduced dietary protein as a method to reduce nitrogen waste from lactating dairy cows Planning For Landscape Irrigation Water Conservation in Virginia Evaluation of Novel Insecticide Chemistries for Controlling White Grubs and Black Cutworms in Turf

TOTAL 21 projects

Virginia Agricultural Council Current Financial Statement for July 1, 2007 - June 30, 2008 Revenue & Expenitures

Cash balance – July 1, 2007			\$339,662.07
Add: Revenues			
	Feed Toonage	\$249,384.02	
	Seed	69,849.37	
	Fertilizer Tonnage	43,965.85	
	Lime Tonnage	26,921.45	
	Motor Fuel	2,881.12	
	Interest	7,598.55	
	Miscellaneous	0.00	
Total Balance and Receipts		\$400,600.36	\$740,262.43
<u>Less: - Expenses</u>			
 	Postal/Printing/Miscellaneous Travel - Members Meeting	\$2,139.75	
	Expenses	11,632.28	
	Wages - Assistant Secretary/FOAI	28,153.14	
	Grant Expenditures	384,784.85	
		\$426,710.02	

\$313,552.41

Cash Balance- June 30, 2008

Revenue Differentials - 2007-2008

	2007	2008	Difference
Fertilizer Tonnage Inspection	\$45,776.48	\$43,965.85	-\$1,810.63
Feed Tonnage Inspection	\$228,942.01	\$249,384.02	\$20,442.01
Lime Tonnage Inspection	\$32,246.44	\$26,921.45	-\$5,324.99
Seed Inspection Fee	\$63,294.09	\$69,849.37	\$6,555.28
Interest on Balance	\$16,587.09	\$7,598.55	-\$8,988.54
Motor Fuel Receipts – Refunds	\$3,637.39	\$2,881.12	-\$756.27
Miscellaneous	\$0.00	\$0.00	\$0.00
Totals	\$390,483.50	\$400,600.36	\$10,116.86

Tscharner D. Watkins, III Chair Cecil E. Myerhoeffer, Jr. Vice Chair



Jason O. Bush Secretary Donald B. Ayers Executive Director

With regard to the financial information of the Virginia Agricultural Council for the year ending June 30, 2008, the following attachments submitted by the Finance Office of the Virginia Department of Agriculture and Consumer Services to the Department of Accounts, verified and reconciles to the State's CARS system.

Virginia Agricultural Council

Executive Director



Todd P. Haymore Commissioner

COMMONWEALTH of VIRGINIA

Department of Agriculture and Consumer Services

PO Box 1163, Richmond, Virginia 23218 Phone: 804/786-3501 • Fax: 804/371-2945 • Hearing Impaired: 800/828-1120 www.vdaes.virginia.gov

October 1, 2008

Mr. David A. Von Moll, State Comptroller Department of Accounts 101 North 14th Street Richmond, VA 23219

Mr. Von Moll:

The Virginia Department of Agriculture and Consumer Services' management is responsible for the integrity and objectivity of the financial transactions and other information provided to the State Comptroller.

We believe the data provided are accurate in all material respects and that all disclosures necessary to obtain a thorough understanding of the Department of Agriculture and Consumer Services' as well as the Virginia Agricultural Council's financial activities have been included.

The basis for these conclusions relates to our assessment of the internal controls operating within the Department of Agriculture and Consumer Services and the Agricultural Council. The establishment of such internal controls requires estimates and judgments from management so that, in attaining reasonable assurance as to the adequacy of such controls, the cost of controls should not exceed the benefits obtained. I believe the Department of Agriculture and Consumer Services' internal controls adequately safeguard its assets and provide reasonable assurance as to the proper recording of financial transactions.

Sincerely,

Todd P. Hayma Commissioner

CC The Honorable Robert S. Bloxom, Secretary of Agriculture and Forestry Walter J. Kucharski, Auditor of Public Accounts Donald G. Blankenship, Deputy Commissioner Sandra J. Adams, Director of Administrative and Financial Services

-Equal Opportunity Employer-

Comptroller's Directive No. 3-08 Attachment 31 Report of Financial Condition

The following oath should be mailed (not e-mailed or faxed) to the Auditor of Public Accounts:

"I hereby affirm that the financial statements or information submitted are true and correct to the best of my knowledge and belief." Signature Commissioner Virginia Agricultural Council Agency Name The oath should be administered by a notary or other officer authorized by Section 49-4 of the Code, and such notary or other officer should complete a certificate in substantially the following form: State of Virginia; City / County of: This is to certify that Todd P. Haymore on this A day of Sir CY Del , 2008, took and subscribed the foregoing oath required by the laws of the Commonwealth. Administrative Coodinator My commission expires on MELONIE P. SEAY

Notary Public Commonwealth of Virginia 325965 My Commission Expires Apr 30, 2010