

**2010 PEANUT VARIETY AND QUALITY EVALUATION PROGRAM
(S-1038) MINUTES**

**March 31, 2010
Tidewater Agricultural Research and Extension Center
Suffolk, Virginia 23437**

The Peanut Variety and Quality Evaluation (PVQE) Advisory Committee met at 9:30 AM on March 31, 2010 at the Tidewater Agricultural Research and Extension Center in Suffolk, Virginia. The members or representatives present were:

Participant	Business or Organization:	Voting member
Saied Mostaghimi	VT – VA AES Director	
Winston Hagler	NCSU College of Agriculture & Life Sciences	Yes
Allen Harper	TAREC - Director	No
Dell Cotton	VA Peanut Growers Association	Yes
Jeffrey Pope	Peanut Grower (VA) and National Peanut Board	Yes
Bob Sutter	NC Peanut Growers Association	Yes
Dawson Rascoe	Severn Peanut Co.	Yes
Billy Barrow	Golden Peanut Co.	Yes
Fred Garner	Birdsong Peanuts	Yes
George McGee	NC Farmer	Yes
Jesse Williams	VA Farmer	Yes
Pat Phipps	VT/TAREC – Professor of Plant Pathology	Yes
Sean O’Keefe	VT Food Science & Technology Dept.	Yes
Tom Isleib	NCSU – Peanut Breeding	No
David Jordan	NCSU	Yes
John Crumpler	VA Farmer	Yes
Jimmy Laine	Wakefield Peanut	Yes
Elbert Long	Severn Peanut Co.	Yes
Bruce Beahm	VCIA	No
Maria Balota	VT/TAREC – Crop Physiologist	No

Others present were Dr. Will Parker (JLA-Lab, Edenton). Also present were: Doug Redd, Pamela Copeland, Brenda Kennedy, Carolyn Daughtrey, Franklin Bryant, Tibi Balota and Louis Mehalko from the PVQE program, and Susan Copeland, Dr. Isleib’s assistant. This year our South Carolina visitor, Dr. Jay Chapin attended the meeting via a conference call.

At 9:30 a.m., Dr. Allen Harper, (TAREC Director) gave a word of welcome, introduced himself, Dr. Mostaghimi, Dr. Isleib, Dr. Hagler. Dr. Harper then asked the PVQE staff and then the Advisory committee members and guests to introduce themselves. After which he asked all that had not signed-in to do so for lunch. He then turned the meeting over to Dr. Saied

Mostaghimi to chair the meeting. Dr. Mostaghimi asked the committee members to review the minutes from last year's meeting to see if there were any corrections to them. Being none, the minutes from last year were approved as mailed.

Dr. Grabau was not present to discuss administrative changes, so the floor was given to Dr. Hagler to discuss changes at NCSU. He explained that NCSU will continue to support the PVQE program. Dr. Mostaghimi then discussed changes at Virginia Tech. Dr. Harper discussed the PVQE and Tidewater AREC programs. Mr. Bob Sutter thanked PVQE and Tidewater AREC for the contributions.

The floor was then given to Dr. Balota to discuss VT 024051 in the increase plots. She gave her presentation on 'the journey of the peanut from breeder to market'. She discussed the process of selecting a variety to be put in the increase plots. Then she discussed the PVQE budget and acknowledged the contributors. She discussed the funding to purchase new machinery for the program and their importance to the program. She informed them that the same six locations used last year for PVQE tests would be used again this year. There were questions from Dr. Isleib on the effectiveness of the seed sorter and brief explanations.

Dr. Mostaghimi turned the floor over to Dr. Isleib to discuss the NC breeder program. He explained that due to questions regarding the name selection for released varieties, he will return to using numbers as in previous years. He discussed his continued research on disease resistance. He also discussed changes in personnel within his program. Due to the loss of personnel, more responsibility was given to his assistant, Susan Copeland as well as having to hire temporary help. The floor was then opened for questions and comments.

Dr. Mostaghimi asked Dr. Balota to discuss the release of VT 024051. She gave her view of what the industry needed. She discussed the diversity and similarities of cultivars that are available. There was a question of having high oleics only being a good idea and what are the consequences of having only high oleics. There was discussion as the cold temperature tolerance studies and freezing of high oleics. After the discussion of high oleics, Dr. Balota gave her specific reasons for release of VT 024051. It is great yield and harvest index, great jumbo pods and brightness, resistance to TSWV and SB. She showed data comparing it to other varieties such as Gregory and its resistance to stem rot. If it is released, it will be named "Walton". She went on to ask about changes in varieties more frequently, every 4-5 years. Then there was such extensive discussion of the release of VT 024051 that Dr. Mostaghimi postponed the break for 10 minutes to continue discussions. There were discussions of why Florida Fancy and Georgia 08V were being used while local varieties are available. After more discussion, Dr. Mostaghimi asked for a motion to release VT 024051. The motion was made by Dr. Jordan and seconded by Dr. Isleib. After motion, Dr. Chapin and others and more questions and comments regarding the release of VT 024051, so Dr. Isleib asked Dr. Mostaghimi to postpone voting until after the break. This would give everyone to a chance to look at the displays of the variety.

The meeting was called back to order after break and Dr. Mostaghimi asked the committee for any quick questions and comments before voting. At the conclusion of the

discussions, Dr. Mostaghimi asked for a show of hands when voting. With a vote of 12 for and 1 opposing, the motion was carried to release VT 024051.

Next on the agenda was discussion of designing varieties needed by the industry. Dr. Mostaghimi asked Jeffrey Pope to begin the discussions. He began by discussing large kernels and their effect on the market. There was discussion as to if the market would support and be willing to adapt to large kernels. After more discussion on the pros and cons of extra large kernels, Billy Barrow asked Dr. Phipps for an update the transgenic research. Dr. Phipps discussed the varieties he was using in his studies and talked briefly about Dr. Grabau's studies. Bob Sutter asked if the trait could be used in other varieties besides those currently being tested. Dr. Phipps stated that three of the varieties his is studying are stabilized and felt that the trait/gene could be used in other varieties.

Dr. Mostaghimi went on to the next item on the agenda, brainstorming, ideas to improve the PVQE program. Dr. Balota asked to begin the discussion. She discussed how much time is being used just in the PVQE tests. She wanted to know if reducing the size of the increase plots from $\frac{1}{2}$ to $\frac{1}{4}$ acre would make a difference in the data results. Dr. Isleib explained that because this data is not for statistical purposes, but only to give information requested from the industry, the size of the plot did not matter. He said that he had no entry for the increase plots this year and neither did Dr. Balota. Elbert Long suggested that a committee be created to review the data from the PVQE books to select varieties instead of the increase plots. Dr. Mostaghimi also suggested forming a "sub-committee" to review the data prior to the committee meeting and present the information to the committee. After discussing the idea further, Dr. Mostaghimi suggested that he meet with Drs. Balota and Isleib to a make a decision the committee. Dr. Jordan asked about have more than one dig date and planting date and importance of having more than one of each. Dr. Balota explained that it is for her own purpose to have planting dates to decide if there is a need to have more than one of either. After all questions and comments the meeting was closed.

The meeting was adjourned at 12:30 p.m.

Respectively submitted,

M. Balota

Pam Copeland-recorded for Dr. Maria Balota