



PERFORMANCE GIVEN — Michael Chapdelaine, Visiting Artist at the College of The Albemarle, performed at the Rocky Hock Community Center on Saturday, November 7, 7:30 P. M. The purpose of this unique program was to provide the community with exposure to the Fine Arts and to deepen the appreciation of the arts.

Soybean Production Is Down

RALEIGH — Infestations of soybean cyst, root-knot, lesion, sting and other plant parasitic nematodes reduced North Carolina soybean production by approximately six percent last year, costing producers over \$16.8-million, according to Dr. Don Schmitt, extension plant pathologist for soybeans, N. C. State University.

"These nematodes are causing a lot of damage, but each one is not necessarily statewide," he says. "Soybean cyst nematodes are primarily a problem in the Coastal Plains and Tidewater regions, while damage by the lesion nematodes is mostly confined to the Southeastern Coastal Plains. You can find root-knot nematodes practically anywhere in the state; the sting nematodes is confined to only very sandy soil types.

Schmitt says root-knot nematodes are the most widespread over the state and accounted for one percentage point of the six percent loss. Lesion nematodes occur in potentially damaging levels in about 10 per cent of the fields in the Coastal Plains; the cyst damages about four per cent of the fields; and the sting nematode injures less than one percent of the soybean fields.

Nematode infestations become apparent early in the growing season, although the symptoms for each nematode vary, says Schmitt. Plants affected by cyst or sting appear yellow and stunted. Lesion nematodes also stunt plants and can be devastating in some southeastern counties. Plants with root-knot infestations often achieve their full growth potential but may turn yellow. In all cases, a farmer can expect below-average yields at harvest if the infestation of any of these nematodes is severe enough.

Nematode infestations can easily be confused with low soil fertility or other unfavorable conditions. Therefore, a farmer should submit soil and plant samples to determine nematode numbers and types, and whether corrective measures are needed.

The optimum time to take a soil sample for assay is immediately after harvest, says Schmitt. Samples should contain at least 20 probes taken from areas no larger than five acres, containing a uniform soil.

Soil samples should be gathered with a one-inch diameter soil probe to a depth of six to eight inches. They should be sealed in a plastic bag and delivered to a county Extension office or the NCDA Nematode Advisory Laboratory immediately or stored at 55 F until the sample can be delivered to the Nematode Laboratory. Nematodes in a sample may be destroyed if exposed to heat, drying or rough handling.

A farmer should include with each sample a complete cropping history of his

field (include varieties used), next year's crop plans, any previous use of control chemicals (herbicides, insecticides, etc) and his name and address, says Schmitt. A form outlining these requirements, as well as a sample mailing box, is available from the county extension office.

The Nematode Advisory Laboratory of the North Carolina Department of Agriculture charges \$1. per sample. Processing time varies depending upon the work load in the lab. Farmers can expect the laboratory to make general recommendation about whether chemicals, crop rotation and-or resistant varieties should be used once the lab work is completed. Specific recommendations can be obtained from the county agents or found in extension bulletins and the N. C. Agricultural Chemicals Handbook.

Farmers are finding that, once their nematode problems are diagnosed, an effective control program including such management techniques as the use of resistant varieties crop rotation, and chemical nematicides can be tailored to fit their cropping needs.

The consistent use of soybean cyst nematode resistant soybeans is causing a "new" problem. The nematode population is shifting from the predominant Race I and Race II; however, other nematode "biotypes" that can attack Race I and III resistant varieties are becoming more common. Growers need to avoid continuous cropping with resistant varieties, in order to prevent the buildup of another race. Instead, resistant varieties should be used sparingly, in combination with rotation and chemical control.

Samples not processed through the local Extension office can be mailed to: Agronomic Division, Nematode Advisory Section, N. C. Department of Agriculture, Raleigh, N. C. 27611.

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move of sending out a capital city press release blaming the attorney general for the Senate's inability to come together on a plan.

Cockerham said Attorney General Edmisten was "derelict in his duties" by claiming that the ...redistricting plans were indefensible...and by not giving "appropriate legal counsel."

A spokesman in the AG's office said they could only give advice when asked or when the state is brought to court—the latter of which occurred with a suit by the NAACP over redistricting.

Sen. Cockerham, though a Republican, is a close supporter of Lt. Gov. Jimmy Green—an expected opponent of Rufus Edmisten for governor in 1984.



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1 at 3-1.19	.33E
Pot Pie Mort	.58E
1 at 3-.99	.89E
Produce	1.27E
Corn Flakes	1.39E
Crisco Oil	1.39E
12 oz. WD Frk	.91E
Slic Bologna	.34E
DH Cake Mix	.59A
Green Beans	.59E
1 at 3-1.00	.37E
Arrow Bleach	.99E
Produce	.59E
T M Peas	1.14E
1 at 3-1.09	.79E
T M Juice	.90H
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Lipton Tea Bags	
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- 22-oz. Dawn Detergent
- 10-oz. Maxwell House Coffee
- 15-oz. Manwich
- 12-oz. Armour Treet
- 16-oz. Store Brand Saltines
- 1-Lb. Store Brand Bacon
- 2-Lb. Morton Beef Patties Dinner
- 7 1/2-oz. Kraft Macaroni & Cheese
- 8-oz. Morton Pot Pie
- Celery
- 18-oz. Post Toasties
- 24-oz. Crisco Oil
- 12-oz. Store Brand Franks
- 12-oz. Store Brand Bologna
- 18-oz. Duncan Hines Cake Mix
- 16-oz. Store Brand Cut Green Beans
- 1-Gal. Store Brand Bleach
- 2-Lb. Carrots
- 17-oz. Store Brand Peas
- 46-oz. Store Brand Pineapple Juice
- 32-oz. Gatorade
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- 32-oz. Duke's Mayonnaise

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Non-Food	.99D
Grocery	3.49L
Grocery	.81L
Grocery	1.14L
Meat	.69L
Perishbl	1.39L
Grocery	1.83L
Perishbl	.43L
1 at 3-1.38	.46L
Produce	
Grocery	.59L
Meat	.89L
Meat	1.27L
Grocery	.89L
Non-Food	1.09L
Grocery	.91L
Produce	.33L
Grocery	.59D
Grocery	.75L
Grocery	.37L
Grocery	1.10L
Grocery	.64L
Subtotal	1.09L
4 per cent tax	.99L
Total	22.73
	.91
	23.64

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