

## Crop Formation: Wiltshire, U.K. 1995

Laboratory Code: KS-03-46

Material: Wheat stems and heads, *Triticum aestivum*

Formation: two circles (38 and 150 ft. dia.) at Wiltshire, UK (no formation date given).

Sampled: by Mr. Peter Stammers, et al, on July 25, 1995

### SUMMARY OF RESEARCH FINDINGS:

a)- the Stammers sampling diagram is presented in Fig. 1 attached. The values listed in parenthesis give the percent change in apical node lengths relative to the mean level in the control nodes.

b)- apical node lengths in controls: N1 mean is 4.34 mm with a 0.75 s.d. and N=74 plants.

c)- the relatively high N1 mean and sd levels in the controls suggest that this formation occurred in May or early June.

d)- because of large variations in the controls there are no significant alterations in the formation samples.

### COMMENTS

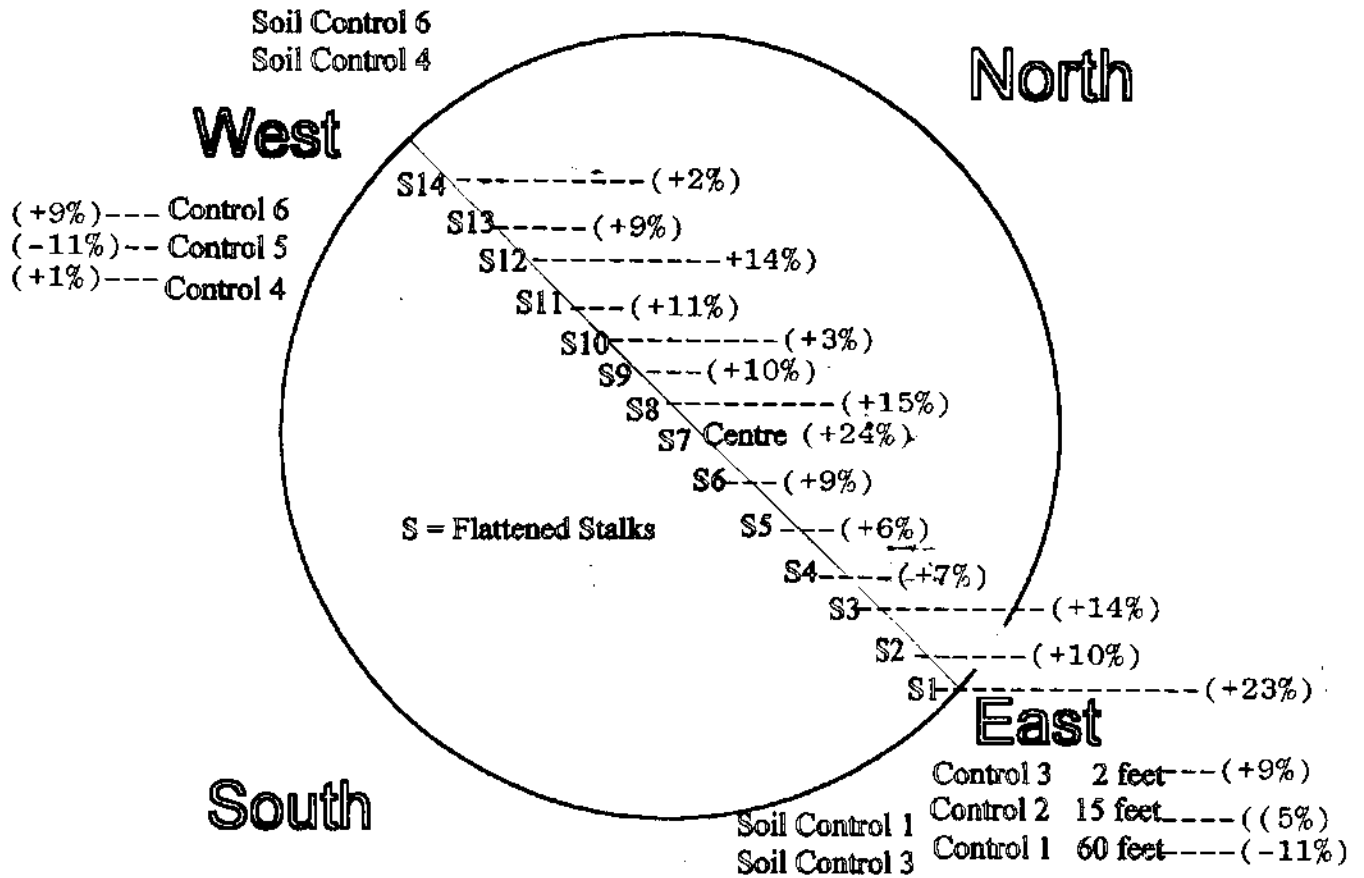
The apical node length changes within the formation samples are not statistically different than the variations within the controls.

W.C. Levengood  
Pinelandia Biophysical Lab.

John A. Burke  
Am-Tech. Laboratory

# Roundway Circle

Samples taken 25th July 1995



## Small Satellite Circle

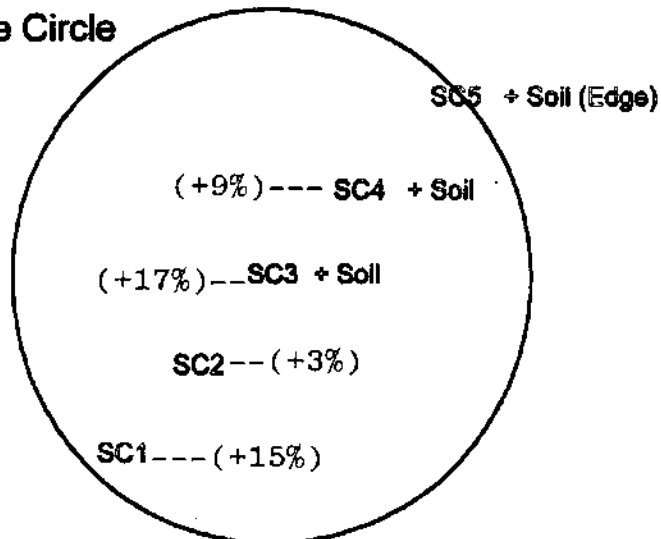


Fig.1 Node length changes in crop formation K5-03-46