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TO: MR. R.J.PRITCHARD No.2

THE EFFECT OF HIGH MANGANESE FERTILISATION
ON CARBON MONOXIDE DELIVERY
REPORT RD.1629-R

Our attempts to show a connection between high manganese uptake by tobacco plants and reduced carbon monoxide delivery from the resulting cigarettes, this time using the Southampton greenhouse, have proved somewhat inconclusive.

Our present thinking is that any effect of manganese must be indirect, possibly as a result of delayed maturity. We have taken steps to investigate the effect of maturity per se with no involvement of manganese: field-grown tobacco harvested on different dates over a five-week period has been supplied by Whiteville Experimental Station, North Carolina, and will shortly be made into cigarettes for smoke analysis.

Enc:

D.G.FELTON

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