

## Reply

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Morton's successful field use of fluorescent particle tracers of four colors is a significant advance in tracer technology, but has not been reported in the open literature and was therefore unknown to us when our note was written. Details of this technique and of the diffusion experiments in which it was used could be of great value to others engaged in tracer experiments, if published.

The simultaneous use of yellow and green FP has been reported previously but only with visual counting of the collected particles. Nickola and Scoggins (1964)

indicate that attempts to distinguish these two colors automatically by use of the Rankin counter have not been completely successful. Separation of soluble fluorescent tracers such as uranine and rhodamine B by fluorimetric methods has not been reported as far as we can determine.

### REFERENCE

- Nickola, P. W., and M. F. Scoggins, 1964: Atmospheric tracer technology. Hanford radiological sciences research and development annual report for 1963, HW-81746, pp. 1.43-1.56.