

# Potassium Rates and Application Methods in Strip-Till Dark Tobacco

## 2010 – Dale Seay Farm – Crofton, KY

- NL Madole set June 22
  - 4585 plants/A
    - 38" rows, 36" plant spacing
- Potassium applications
  - Broadcast K treatments June 18
  - Banded K treatments June 22
  - Sulfate of potash (0-0-50)
- N and P applied to entire trial according to soil test.
- All other practices standard
- Randomized complete block with 4 replications
- Tobacco harvested early October
- Fire-cured
- Stripped December 3

Trt	% of UK Recom.	Lbs K <sub>2</sub> O/A applied	Applic Method
1	50%	90	Broadcast
2	75%	135	Broadcast
3	100%	180	Broadcast
4	150%	270	Broadcast
5	50%	90	2 Bands
6	75%	135	2 bands
7	100%	180	2 Bands
8	150%	270	2 Bands

\*UK Soil Test K index 219 (medium)  
180 lbs K<sub>2</sub>O/A recommended

\*A & L Soil Test K index 74  
265 lbs K<sub>2</sub>O/A recommended

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