

Total animal population
(TA_i)
head

Manure yields
(MY_i)
kgN/head

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graph TD; A[Total animal population (TAi) head] --> C[TAi * MYi]; B[Manure yields (MYi) kgN/head] --> C; C --> D[Total Manure (N content) (TMI) kgN];
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$$TA_i * MY_i$$

Total Manure (N content)
(TM_i)
kgN