

PRACTICAL USE OF MANURES

Working out HOW MUCH TO APPLY for specific crops

1. CROP FERTILISER RECOMMENDATION

(kg/ha)

N

P₂O₅

K₂O

2. TOTAL NUTRIENT CONTENT (Slurry kg/m³ OR FYM kg/t)

3. AVAILABILTY OF NUTRIENTS

Slurry

FYM

See table 2

X 50%

X 90%

See table 5

X 60%

X 90%



4. AVAILABLE NUTRIENT CONTENT (Slurry kg/m³ OR FYM kg/t)

multiplied by

5. SPREADING RATE (Slurry m³/ha OR FYM t/ha)



6. AVAILABLE NUTRIENTS APPLIED* (kg/ha)

Crop fertiliser recommendation (1) - Available nutrients applied (6) =

7. BAG FERTILISER REQUIRED (kg/ha)

Available nutrients applied (6) - Crop fertiliser recommendation (1) =

8. SURPLUS NUTRIENTS (kg/ha)

* Use Total Nutrient Content (2) instead of Available Nutrient Content (4) to work out Available Nutrients Applied (6) if Soil Index for P and K = 2 or more.

* Do not supply more than 50 – 60% of crop N requirement as slurry or FYM.

Creedy Associates