

PRACTICAL USE OF MANURES

NPK IN DAIRY COW FYM

TABLE 4 TYPICAL TOTAL NUTRIENT CONTENT (FRESH)

DM Content %	Total nutrients					
	kg/tonne			Units/ton		
	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O
25	6.0	3.5	8.0	12.0	7.0	16.0

NB. Values will be lower after storage in the open.

TABLE 5 AVAILABILTY OF N

	Percent of TOTAL N available in year of spreading					
DM Content %	AUTUMN (Aug-Oct)		WINTER (Nov-Jan)		SPRING (Feb-Apr)	SUMMER (May-July)
25	Sandy/shallow	Medium/heavy	Sandy/shallow	Medium/heavy	All soils	All soils
Left on surface						
Fresh	5	10	10	15	20	N/A
Incorporated within 24 hours e.g. by ploughing						
Fresh	5	10	15	20	25	N/A

NB For FYM stored in the open for more than 6 months, values should be reduced by half.

TABLE 6 AVAILABILTY OF PHOSPHATE AND POTASH

Percent of TOTAL available to next crop	
Phosphate (P ₂ O ₅)	Potash (K ₂ O)
60	90