

# PRACTICAL USE OF MANURES

## TOTAL NPK IN MANURES

### TYPICAL TOTAL NPK CONTENTS OF MANURES

Manure	Dry matter	Nitrogen	Phosphate	Potash
	%			
<b>LIQUID</b>				
Dairy cow slurry	10	5.0	2.0	5.8
	6	3.0	1.2	3.5
	2	1.5	0.5	2.0
<b>Beef cattle slurry</b>	10	3.8	2.0	4.5
	6	2.3	1.2	2.7
	2	0.8	0.4	0.9
Pig slurry	4	4.0	2.0	2.5
Strainer box	1.5	1.5	0.3	2.2
Mech. separated	4.0	3.0	1.2	3.5
Weeping wall store	3.0	2.0	0.5	3.0
<b>SOLID</b>				
	%	kg/tonne <sup>(2)</sup>		
Cattle FYM <sup>(3)</sup>	25	6.0	3.5	8.0
Pig FYM <sup>(3)</sup>	25	7.0	7.0	5.0
Layer manure	30	16.0	13.0	9.0
Broiler litter	60	30.0	25.0	18.0
Weeping wall store	18	4.4	2.9	3.9

(1) For liquids, to convert kg/m<sup>3</sup> to units/1000 gallons multiply by 9.

(2) For solids, to convert kg/tonne to units/ton multiply by 2.

(3) Nitrogen and potash values for FYM stored in the open for several months should be reduced by half.

*From "Managing Livestock Manures: making better use of manures on grassland"*