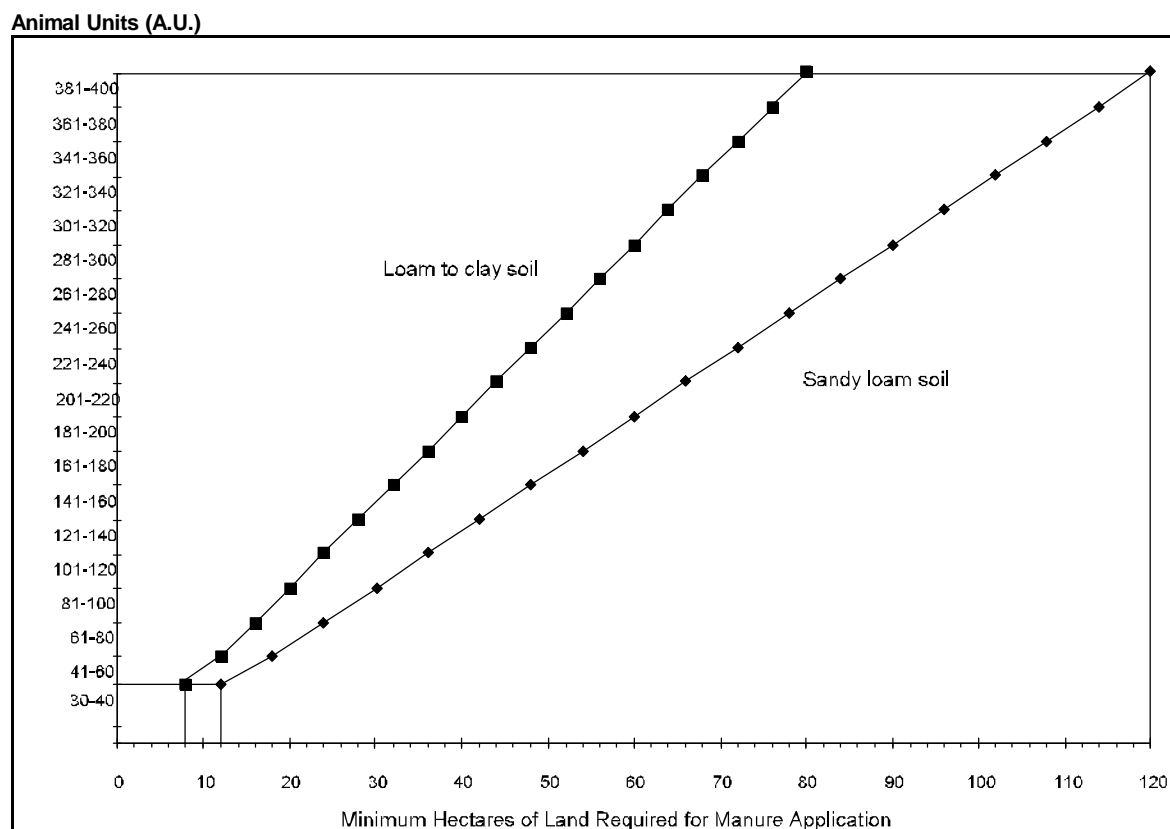


APPENDIX C

Recommended Minimum Land Area for Manure Applications



Note: For example, a 10,000 hen layer operation (equal to 40 animal units (AU) since $10,000 \div 252$ hens/animal unit from Table D.1) would require a minimum of 8 hectares of loam soil or 12 hectares of sandy loam soil. This is calculated by extending a horizontal line from the 30-40 AU point on the vertical axis over to the two heavy lines and then drawing another line downwards to the horizontal axis to 8 and 12 hectares, respectively. This same process can be repeated for any sized operation once the AUs have been determined from Table C.1.

TABLE C.1

Animal Unit Equivalents¹ (A.U.) (C)

Type of Livestock	Av. Weight Per animal (kg)	Number of Livestock = 1 AU	Number of A.U. per Livestock
Laying Hens	1.8	252	0.00396
Broilers	0.9	500	0.0019
Pullets	1.3	350	0.0029
Broiler Turkey	6.5	70	0.0143
Heavy Turkey	7.5	60	0.0165
Heavy Toms	12.0	40	0.0264

(1) One animal unit is equivalent to 454 kg (1,000 lb.) live weight.

