

APPROXIMATE AVERAGE COMPOSITION OF MANURE (FRESH) FROM VARIOUS ANIMALS.

| Kind of Animal. | Relative proportions<br>of solid excrement, liquid<br>excrement and bedding in manure. | Lbs. per<br>ton. | Nitrogen.    |                  | Phosphoric Acid. |                  | Potash.      |                  |
|-----------------|----------------------------------------------------------------------------------------|------------------|--------------|------------------|------------------|------------------|--------------|------------------|
|                 |                                                                                        |                  | Per<br>cent. | Lbs.<br>per ton. | Per<br>cent.     | Lbs.<br>per ton. | Per<br>cent. | Lbs.<br>per Ton. |
| Horse           | Solid excrement.....                                                                   | 1,200            | 0.55         | 6.60             | 0.30             | 3.60             | 0.40         | 4.80             |
|                 | Liquid excrement (urine).....                                                          | 300              | 1.35         | 4.05             | traces           | traces           | 1.25         | 3.75             |
|                 | Bedding material.....                                                                  | 500              | 0.50         | 2.50             | 0.15             | 0.75             | 0.60         | 3.00             |
|                 | Total mixture.....                                                                     | 2,000            | 0.60         | 13.15            | 0.22             | 4.35             | 0.58         | 11.55            |
| Cow             | Solid excrement.....                                                                   | 1,200            | 0.40         | 5.04             | 0.20             | 2.52             | 0.10         | 1.26             |
|                 | Liquid excrement (urine).....                                                          | 640              | 1.00         | 5.40             | traces           | traces           | 1.35         | 7.29             |
|                 | Bedding material.....                                                                  | 200              | 0.50         | 1.00             | 0.15             | 0.30             | 0.60         | 1.20             |
|                 | Total mixture.....                                                                     | 2,000            | 0.57         | 11.44            | 0.14             | 2.82             | 0.45         | 9.75             |
| Pig             | Solid excrement.....                                                                   | 900              | 0.55         | 5.44             | 0.50             | 4.95             | 0.40         | 3.96             |
|                 | Liquid excrement (urine).....                                                          | 600              | 0.40         | 2.64             | 0.10             | 0.66             | 0.45         | 2.97             |
|                 | Bedding material.....                                                                  | 350              | 0.50         | 1.75             | 0.15             | 0.42             | 0.60         | 2.10             |
|                 | Total mixture.....                                                                     | 2,000            | 0.49         | 9.83             | 0.30             | 6.03             | 0.45         | 9.03             |
| Sheep           | Solid excrement.....                                                                   | 1,206            | 0.75         | 9.04             | 0.50             | 6.03             | 0.45         | 5.43             |
|                 | Liquid excrement (urine).....                                                          | 594              | 1.35         | 8.02             | 0.05             | 0.30             | 2.10         | 12.47            |
|                 | Bedding material.....                                                                  | 200              | 0.50         | 1.00             | 0.15             | 0.30             | 0.60         | 1.20             |
|                 | Total mixture.....                                                                     | 2,000            | 0.90         | 18.06            | 0.33             | 6.63             | 0.95         | 19.10            |
| Poultry         | Solid and liquid excrement.....                                                        | 1,900            | 1.00         | 19.00            | 0.80             | 15.20            | 0.40         | 7.60             |
|                 | Bedding material.....                                                                  | 100              | 0.50         | 0.50             | 0.15             | 0.15             | 0.60         | 0.60             |
|                 | Total mixture.....                                                                     | 2,000            | 0.97         | 19.50            | 0.77             | 15.35            | 0.41         | 8.20             |