

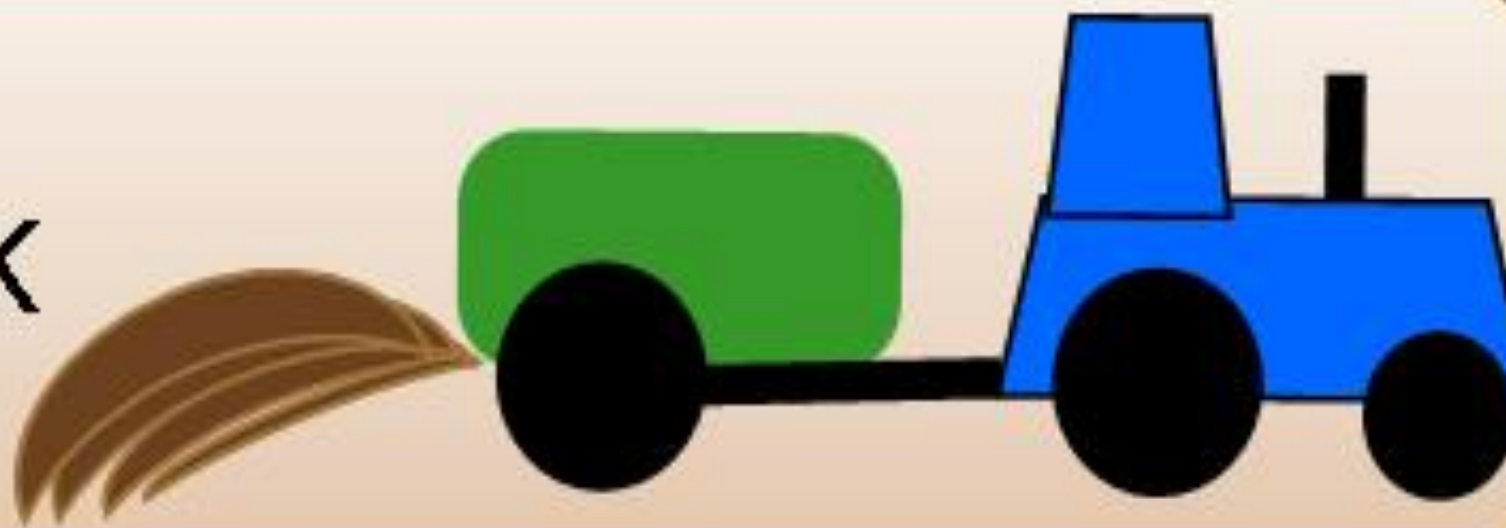
How much P & K needs to be supplied on your farm each year?

Nitrogen (N), Phosphorus (P) and Potassium (K) are required for all beef systems

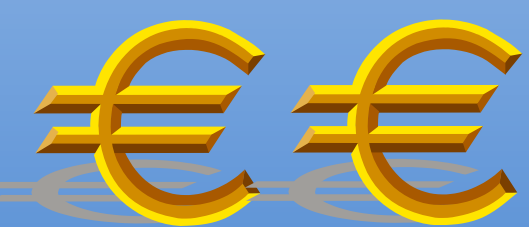
Stocking Rate LU/ha	Annual Fertiliser Advice to replace off-take			Early Spring			Late Spring			Summer			Autumn
	N	P	K	January - March			April - May			June - July			August - Sept
	kg/ha (units/ac)			kg/ha			kg/ha			kg/ha			kg/ha
1.8 (LU/ha)	85 (68)	7 (6)	10 (8)	13	4	6	38			17	3	4	17
2.0 (LU/ha)	100 (80)	9 (7)	12 (10)	20	5	7	40			20	4	4	20
2.2 (LU/ha)	125 (100)	11 (9)	15 (12)	31	7	9	45			25	4	6	24
2.6 (LU/ha)	160 (128)	14 (11)	20 (16)	48	8	12	51	3	4	32	3	4	29

Slurry - 1000 gallons

Thick (7% DM) – 5 units P & 32 units K
Dilute (3.5%) – 3 units P & 15 units K



Return on Investment (4:1) → Must utilise extra grass produced to carry more stock or use less concentrate feed



Soil Fertility build-up

P Build-up	K Build-up
10-20 kg/ha Extra P	30-60 kg/ha Extra K
1½ -2 bag/ac 18-6-12 <i>or</i> ½ -1 bag/ac 16% P	2 -4 bag/ac 18-6-12 <i>or</i> ½ – 1 bag/ac of 50% K

Select Suitable Fertiliser types:

N-P-K Reseeding:

0-10-20 *or* 10-10-20 *or* 18-6-12

N-P-K Silage:

15-3-20 *or* 0-7-30 *or* 10-5-25 (+S)

N-P-K Grazing:

18-6-12 *or* 27-2.5-5 *or* 14-7-14 (+S)