

The relationship between worm numbers & worm farm processing capacities



Hot tip - your worms are the foundation for a successful worm farm!

On average, worms will process 50% of their body weight a day, so how many worm workers you have in your worm farm can be used to calculate approximately how much waste you can expect to process. Following this simple science can help you avoid the most common worm farming mistake - overfeeding.

Worms love both "greens" (nitrogen) and "browns" (carbon) equally so we recommend trying to aim for a 1:1 ratio to keep your worms happy.

We've put together this simple table to help clearly demonstrate the relationship between how many worms = how much waste.

Weight of worms	No. of worms	Processing capacity total	"Browns" carbon input	"Greens" nitrogen input
125g	500	62.5g	31.25g	31.25g
250g	1,000	125g	62.5g	62.5g
500g	2,000	250g	125g	125g
1kg	4,000	500g	250g	250g
2kg	8,000	1kg	500g	500g
3kg	12,000	1.5kg	750g	750g
4kg	16,000	2kg	1kg	1kg
5kg	20,000	2.5kg	1.25kg	1.25kg
6kg	24,000	3kg	1.5kg	1.5kg
10kg	40,000	5kg	2.5kg	2.5kg
15kg	60,000	7.5kg	3.75kg	3.75kg
20kg	80,000	10kg	5kg	5kg
30kg	120,000	15kg	7.5kg	7.5kg
40kg	160,000	20kg	10kg	10kg

