Now let's do a seemingly large inf army proposed by Taem and compare it with an equal crop consuming army of cav, arch, cats, and ¼ each

Input interpretation:

$$\frac{24 \times 0.09\,(a + 4b + 2c + 10d - 337380)\left(\frac{1}{300}(440a + 1940b + 960c + 3820d)\right)\left(1 - \frac{20}{30}\right)}{21.8\,a + 92.9\,b + 46.8\,c + 195.6\,d}$$

where $a = 1500000,\ b = 0,\ c = 0,\ d = 0$

Result:

56 317.7

Input interpretation:

$$\frac{24 \times 0.09\,(a + 4b + 2c + 10d - 337380)\left(\frac{1}{300}(440a + 1940b + 960c + 3820d)\right)\left(1 - \frac{20}{30}\right)}{21.8\,a + 92.9\,b + 46.8\,c + 195.6\,d}$$

where $a = 0,\ b = 375000,\ c = 0,\ d = 0$

Result:

58 268.7

Input interpretation:

$$\frac{24 \times 0.09\,(a + 4b + 2c + 10d - 337380)\left(\frac{1}{300}(440a + 1940b + 960c + 3820d)\right)\left(1 - \frac{20}{30}\right)}{21.8\,a + 92.9\,b + 46.8\,c + 195.6\,d}$$

where $a = 0,\ b = 0,\ c = 750000,\ d = 0$

Result:

57 236.7

$$\frac{24 \times 0.09\,(a + 4b + 2c + 10d - 337380)\left(\frac{1}{300}\,(440a + 1940b + 960c + 3820d)\right)\left(1 - \frac{20}{30}\right)}{21.8a + 92.9b + 46.8c + 195.6d}$$

where $a = 0,\ b = 0,\ c = 0,\ d = 150000$

Result:

54 493.4

$$\frac{24 \times 0.09\,(a + 4b + 2c + 10d - 337380)\left(\frac{1}{300}\,(440a + 1940b + 960c + 3820d)\right)\left(1 - \frac{20}{30}\right)}{21.8a + 92.9b + 46.8c + 195.6d}$$

where $a = 375000,\ b = 93750,\ c = 187500,\ d = 37500$

Result:

56 671.5

Now Taem's super army of 1.5 million inf bested almost all of units. Strangely, Catapults bested the inf. This is probably due to the low amounts of resources required to build a cat.

$$\text{killing pres} > \frac{(\text{upkeep}) * (\text{building pres})}{(\text{building costs})}$$

If anyone can find any holes in the equations, let me know.