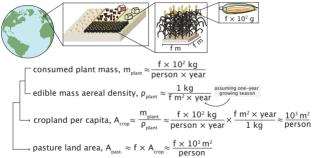
ESTIMATING AGRICULTURAL LAND AREA



total agricultural land area,
$$A_{agr.} \approx N_{pop} \times (A_{past.} + A_{crop}) \approx 10^{10} \text{ people} \times \frac{f \times 10^3 \text{ m}^2}{\text{person}}$$

 $\approx f \times 10^{13} \text{ m}^2 \approx f \times 10^7 \text{ km}^2$