

Lampiran 3. Perhitungan konversi jumlah teki

Konversi jumlah teki ke m^2

$$d = 40 \text{ cm}$$

$$r = 20 \text{ cm}$$

$$\text{Luas polibag} = \pi r^2$$

$$= \frac{22}{7} \cdot 20 \cdot 20$$

$$= 1257,14 \text{ cm}^2$$

$$= 0,13 \text{ cm}^2$$

Konversi jumlah teki (10 teki):

$$\text{Luas polibag} = \frac{\text{jumlah teki}}{1 \text{ m}^2} \times$$

$$\frac{0,13 \text{ m}^2}{1 \text{ m}^2} = \frac{10}{X}$$

$$0,13X = 10$$

$$X = \frac{10}{0,13}$$

$$= 74,92 \text{ teki/m}^2$$

$$= 75 \text{ teki/m}^2$$

Konversi jumlah teki (20 teki):

$$\text{Luas polibag} = \frac{\text{jumlah teki}}{1 \text{ m}^2} \times$$

$$\frac{0,13 \text{ m}^2}{1 \text{ m}^2} = \frac{20}{X}$$

$$0,13X = 20$$

$$X = \frac{20}{0,13}$$

$$= 149,85 \text{ teki/m}^2$$

$$= 150 \text{ teki/m}$$

Konversi jumlah teki (30 teki):

$$\text{Luas polibag} = \frac{\text{jumlah teki}}{1 \text{ m}^2} \times$$

$$\frac{0,13 \text{ m}^2}{1 \text{ m}^2} = \frac{30}{X}$$

$$0,13X = 30$$

$$X = \frac{30}{0,13}$$

$$= 224,76 \text{ teki/m}^2$$

$$= 225 \text{ teki/m}^2$$