

□ Selection Response (R)

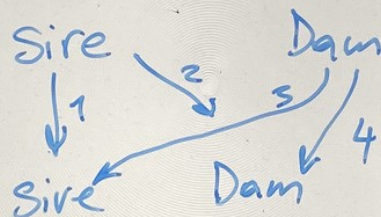
(8)

$$R = i \cdot r_{u,\hat{u}} \cdot \sigma_u$$

□ For a breeding program:

• R per generation interval = R/L

• 4-path model



$$\frac{R}{L} = \frac{R_1 + R_2 + R_3 + R_4}{L_1 + L_2 + L_3 + L_4} \rightarrow \text{generation interval on each path}$$

$$R_1 = i_1 \cdot r_{u,\hat{u}} \cdot \sigma_u$$

$$R_2 =$$

$$R_3 =$$

$$R_4 =$$

accuracy for all mate selection candidates not individual accuracies.