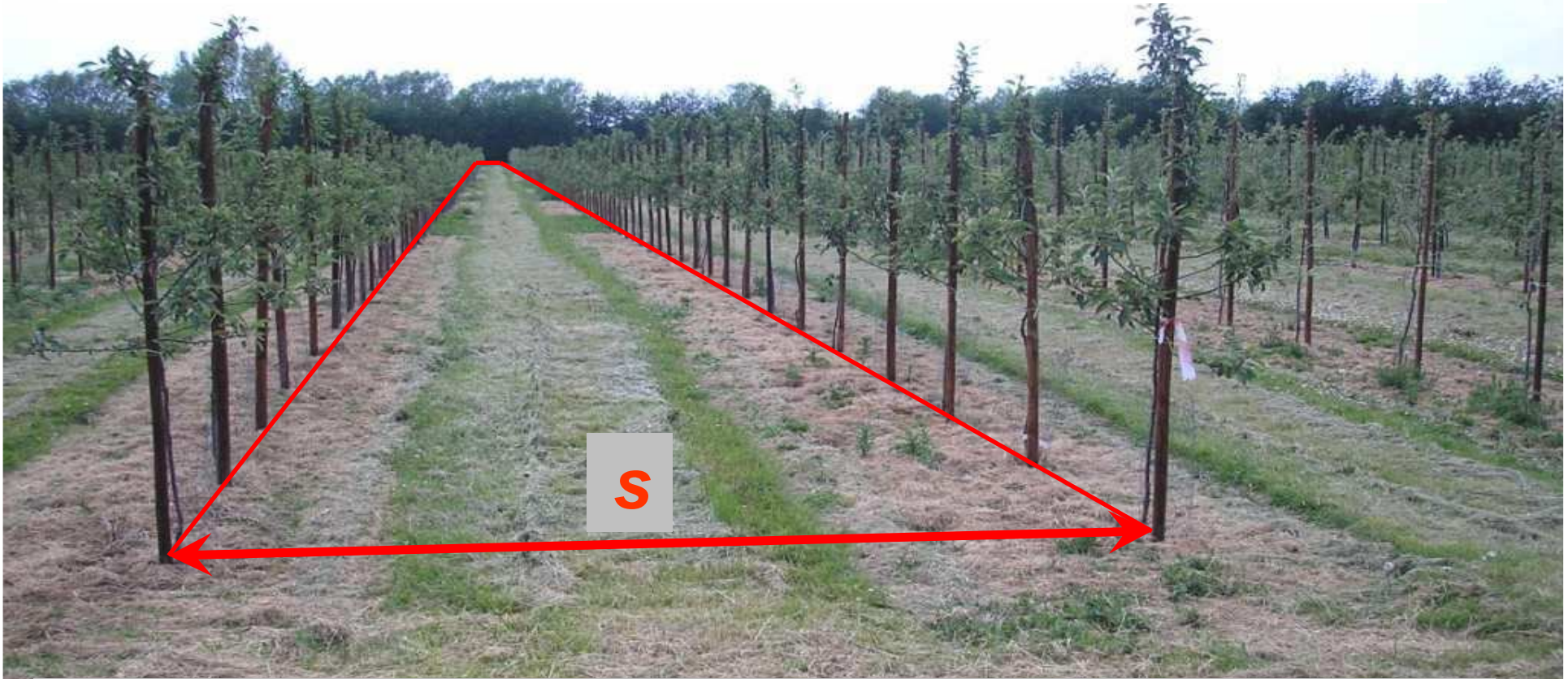


Row-Length Dose-Rate



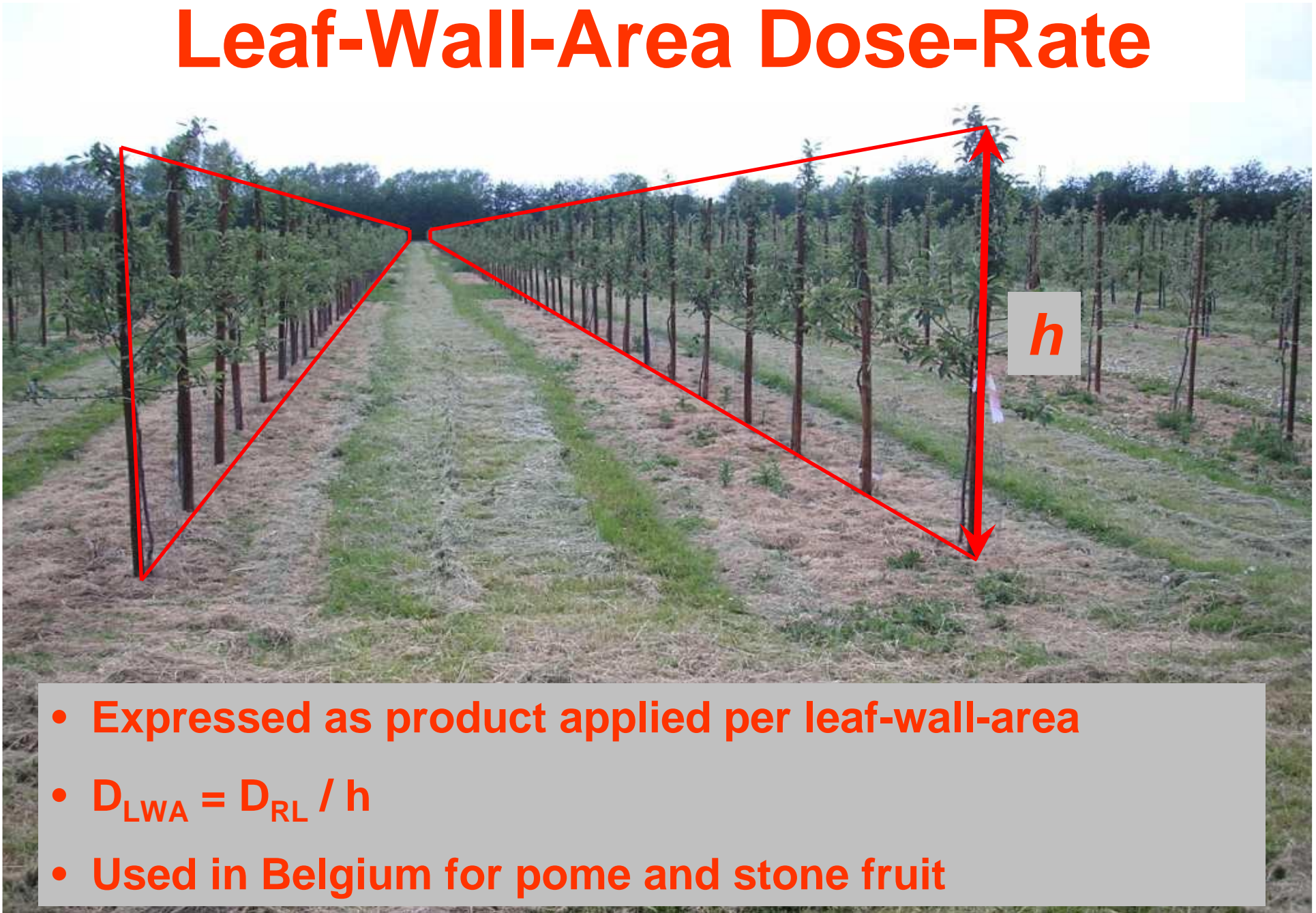
- Expressed as product applied per row-length
- $D_{RL} = \text{Tank Concentration} * \text{Spray Flow Rate} / \text{Forward Speed}$
- Used in Norway for pome and stone fruit

Ground-Area Dose-Rate



- Expressed as product applied per canopy ground-area
- $D_{GA} = D_{RL} / S$
- Used in UK and France for pome and stone fruit

Leaf-Wall-Area Dose-Rate



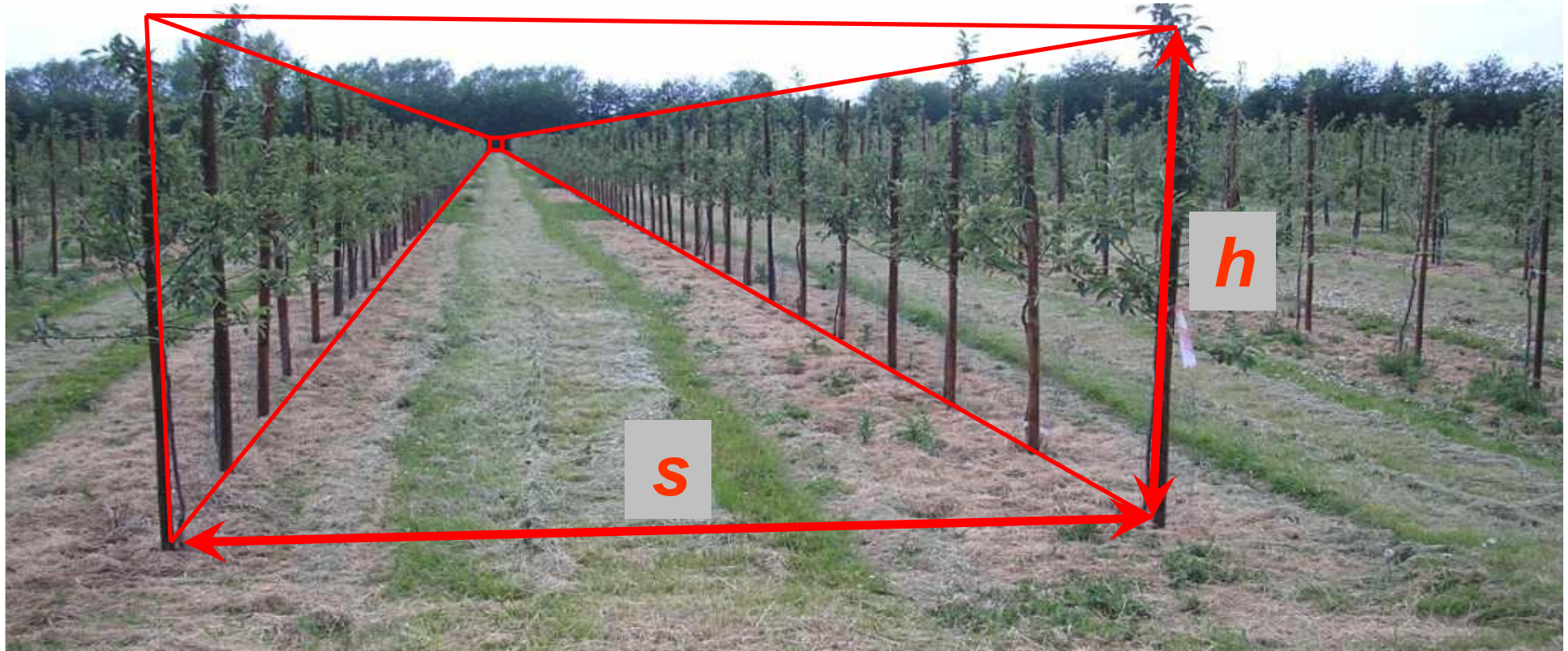
- Expressed as product applied per leaf-wall-area
- $D_{LWA} = D_{RL} / h$
- Used in Belgium for pome and stone fruit

Product Deposit Dose-Rate



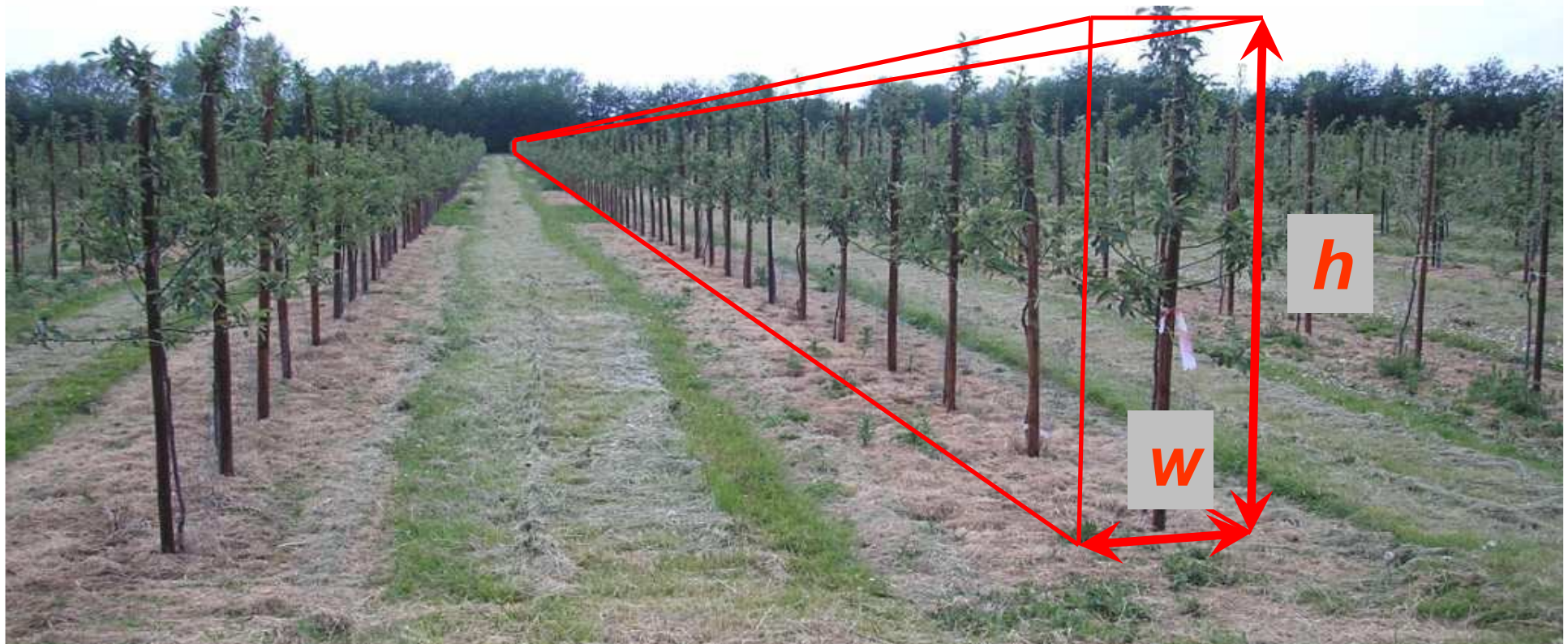
- Expressed as predicted product deposit
- $D_{PD} = D_{RL} / r(h, w, a)$
- Generic dose expression model (Walklate et al., 2003)
- Needs a good model to predict length-scale $r(h, w, a)$
- Difficult to use some models without computer aid

Canopy-Volume Dose-Rate



- Expressed as product applied per canopy-volume
- $D_{CV} = D_{RL} / (s * h)$
- Used in Germany for pome and stone fruit products

Tree-Row-Volume Dose-Rate



- Expressed as product applied per tree-row-volume
- $D_{TRV} = D_{RL} / (w * h)$
- Used in Switzerland for pome and stone fruit products