

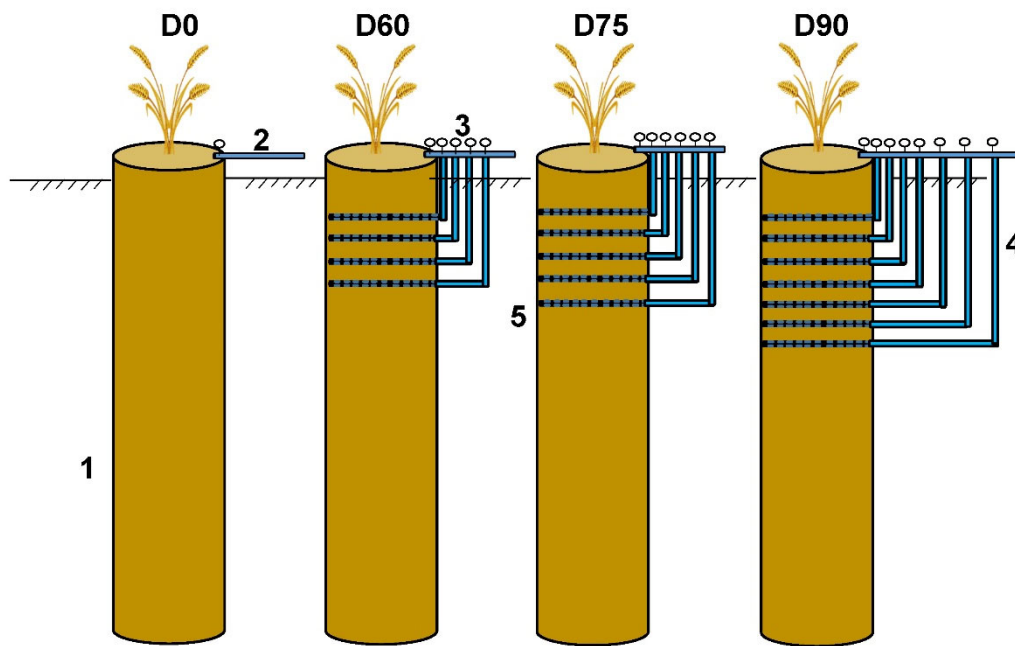


Fig. 1S. Structure of the growth tube. 1 – the growth tube; 2 – surface irrigation pipes; 3 – water meter; 4 – water supply pipes; 5 – infiltrating irrigation pipes; D0 –surface irrigation; D60, D75 and D90 –same amount of water was applied at 60%, 75% and 90% of the depth of the root distribution.