

Figure S1. Venn diagram illustrating overlap of ruminal microbial operational taxonomic units (OTUs) (A), and Alpha diversity indices of heifers' ruminal bacteria (B, C, D) between the control and the experimental groups.

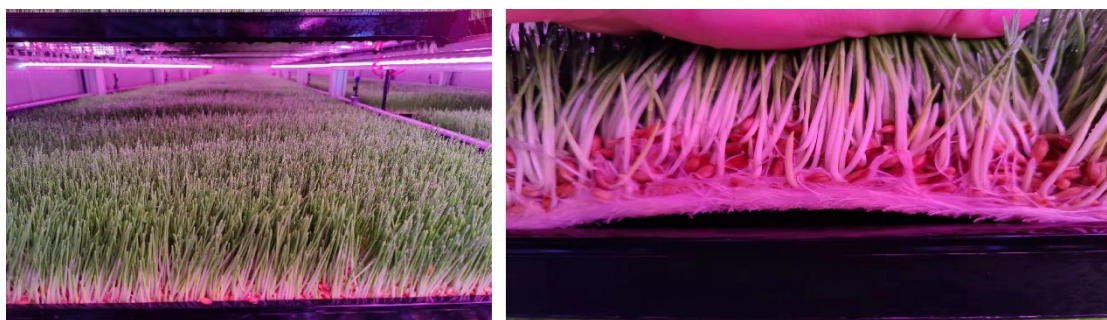


Figure S2. Growth diagram of hydroponic barley seedlings.