## Supplementary Materials

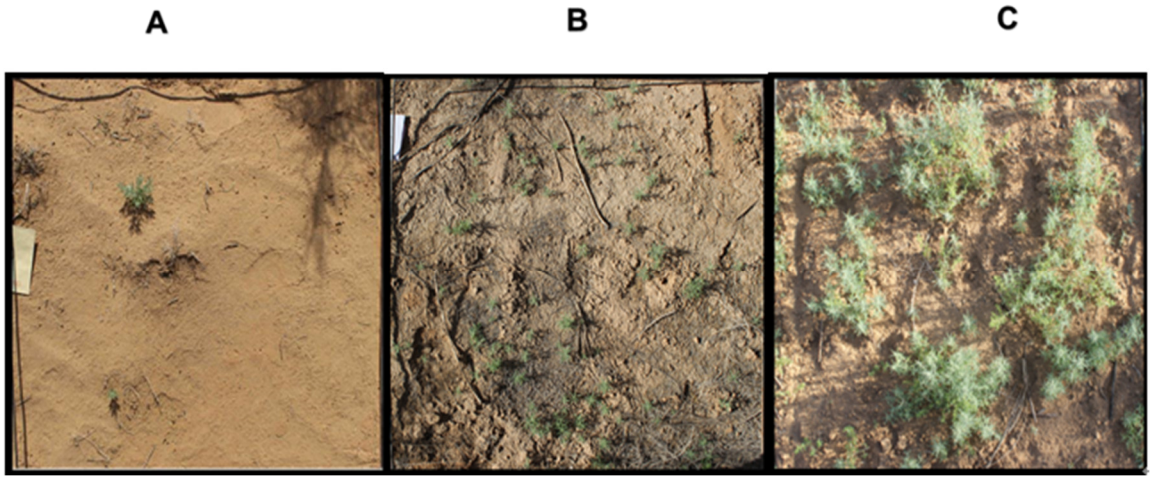



**Figure S1.** The annual desert plants increased along the shrub plantation ages. (**A**) mobile dunes, (**B**) shrub plantation after 10 years, (**C**) shrub plantation after 30 years.

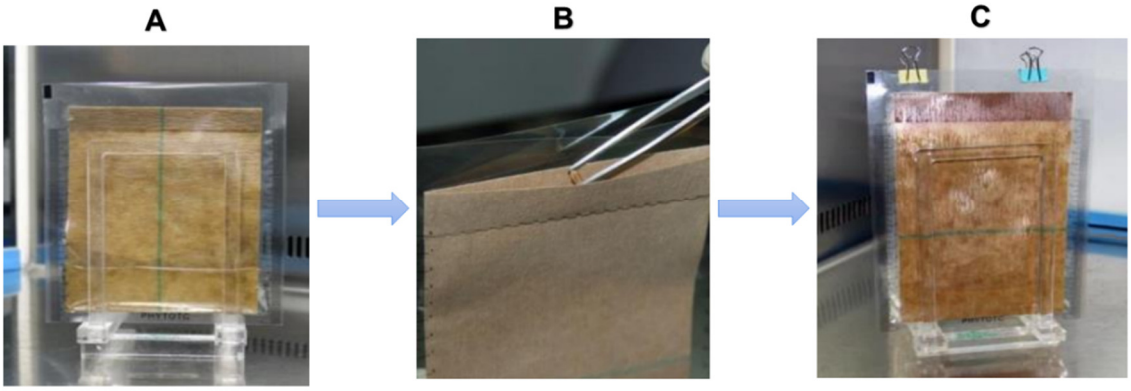



**Figure S2.** The seed germination bags and processes of seed germination. (**A**) (add water or nutrient solution), (**B**) (Place Seed), (**C**) (waiting seed germination).



**Figure S3.** The pictures of seedling after germination.