





Sub-irrigation and drainage of Arched Mesh Pipe length-Experimental schematic



20m m**Experimental base pre-construction**

Experimental base pre-construction







Marking





Trenching : 40cm depth





Laying Arched Mesh Pipe



Connect Water Supply System



Irrigation and drainage systems connection



Overflow Well





Fill with Growing Medium



Leveling



After irrigation 1000kg humidity



After irrigation 2000kg humidity





After24 hours and then measuring humidity





The status after 40 days





The Points of humidity after irrigation

The results

Arched Mesh Pipe length 60m

Arched Mesh Pipe spacing 1.5 ~ 3.0m

12 "water catch basins covering irrigated area 300M²

Water-saving 50~60%

Save more than 70% of human irrigation