

# Test field in Slovakia

1. from above

- please use new karez small
- we suggest tomato because it's easy, simple, grows fast, we can see the result clearly.



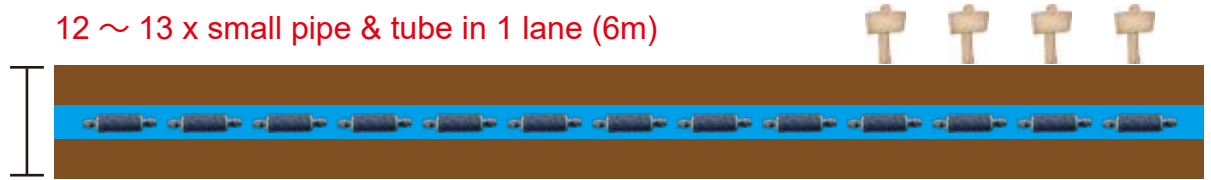
tube: 42cm, fitting: 1cm, pipe 4cm : Total 47cm



Please put small sign board that shows position of pipe (for adjustment, maintenance)

12 ~ 13 x small pipe & tube in 1 lane (6m)

Width of ridge : 25-40cm

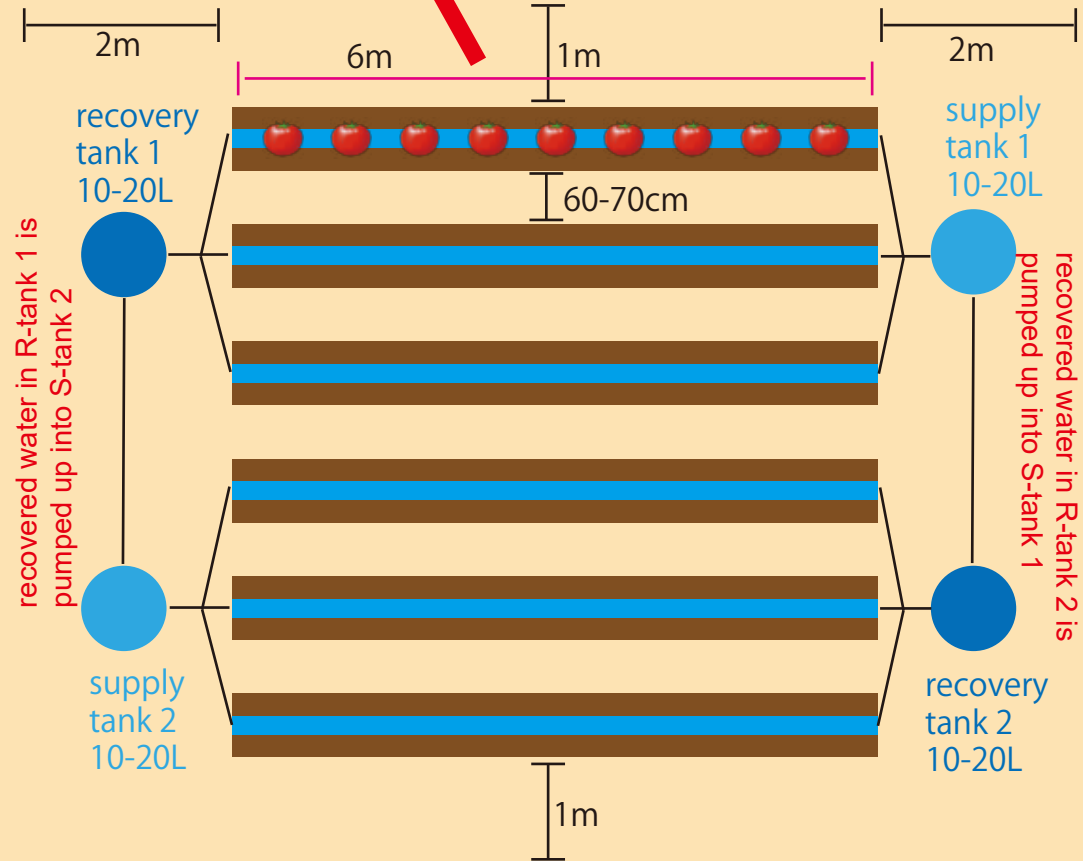


this area is for additional test of other plants in future

## Advice for test field

1. Please set water supply tank on 50-100cm above the ground level to make negative pressure work well.
2. Please set water recovery tank 30-50cm under ground level.
3. Please cover tank with plastic sheet to prevent algae growth (by direct sunlight)
4. No need to install new karez in all 6 lanes, please compare result in 3 types of lane first,
  - 1) New Karez lane
  - 2) New karez lane with liquid fertilizer
  - 3) No New karez lane (normal irrigation)

8m



18m