

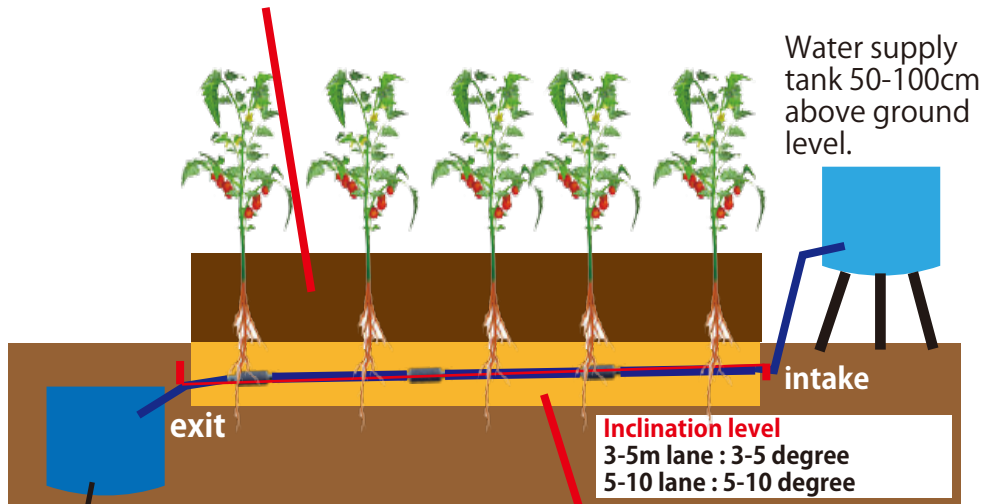
## Test field in Slovakia

### 2. from side and front

from side

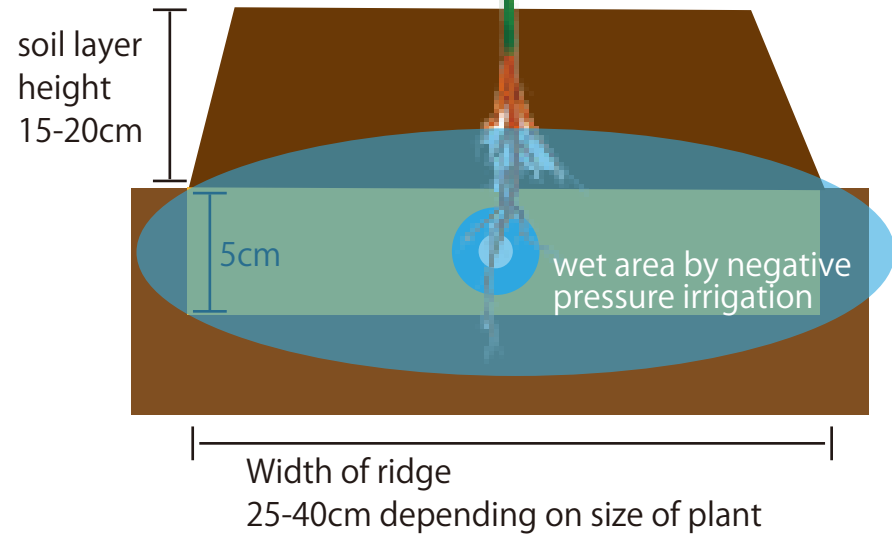
from front

put soil in 15-20cm height that can cover root part enough.  
This ridge type lane can save time for digging ground soil.



dig soil up to 5cm depth, cover new karez pipe and tube with small particle sand layer in 5cm thickness.  
Sand layer works as the extension of ceramic pipe.

Water recovery tank is set below ground level to recover water well.



### [Preparation of new karez lane]

1. Dig ground up to 5cm.
2. Connect tube and pipe, put it into digged area.
3. Fill sand in digged area, **cover new karez pipe with sand.**
4. Attach tube to supply/recovery tank. (to prevent leakage of water, please use "**fiting band**" shown in left picture when you connect tube to pipe and tank tightly.
5. **Adjust negative pressure volume** by valve with watching water spread in sand layer **for 12 hours.** (If widely wet, **close** vavle a bit. If not wet at all, **open** vavle a bit. If you feel the **surface of sand layer slightly wet**, it' s OK.
6. Put soil, plant tomato. (**Please put sign board** to see the position of pipe.