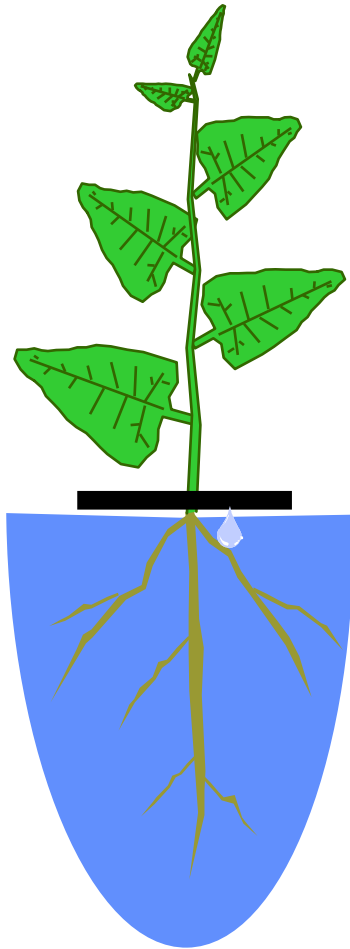


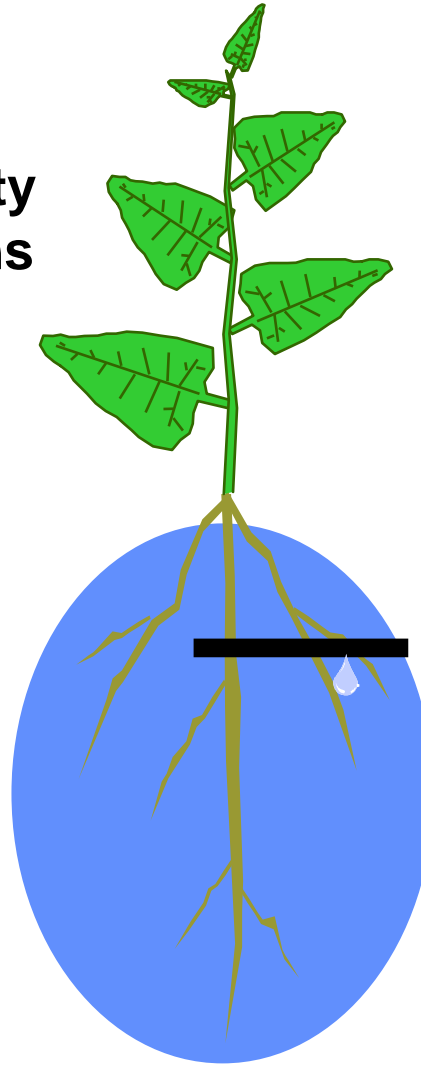
# **\*\*BENEFITS\*\***

## **Surface Drip**



- + See Water
- + More Flexibility
- + Crop Rotations
- Shorter Life
- Humidity in Canopy

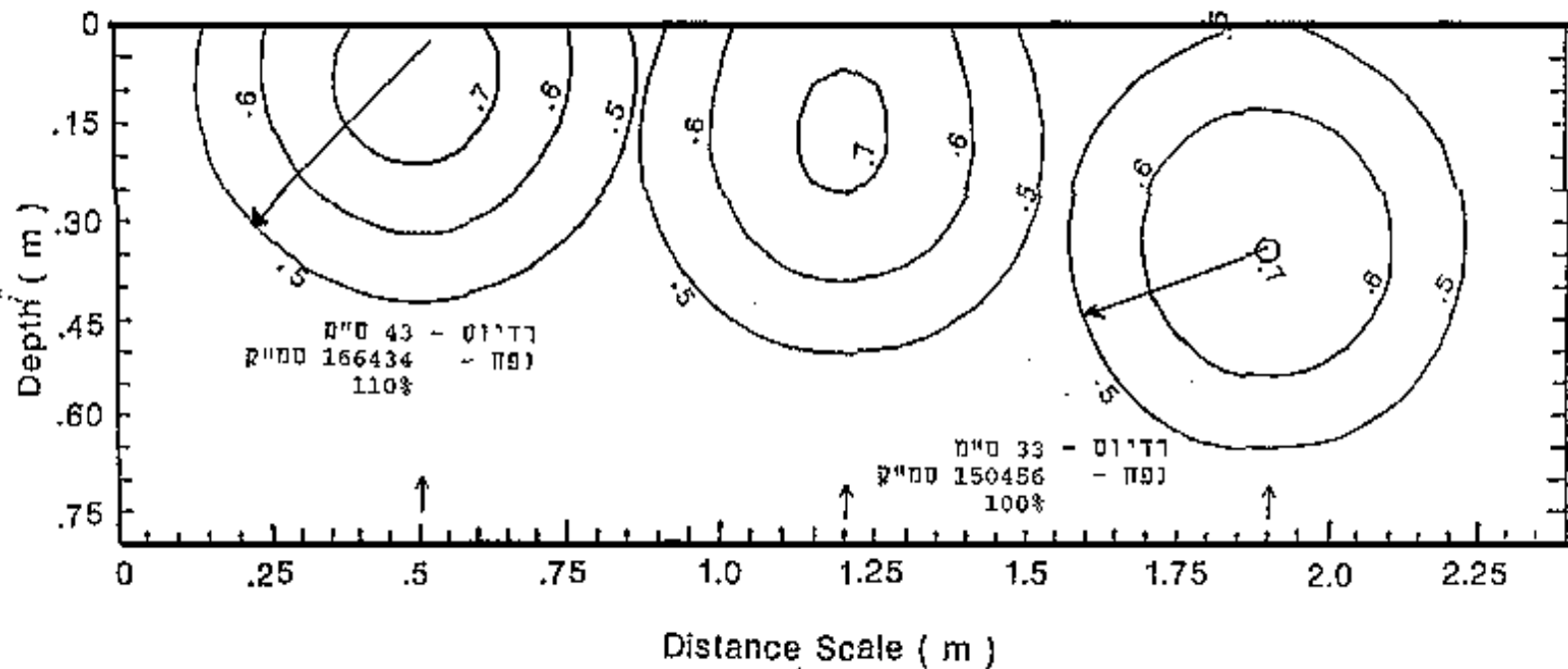
## **Buried Drip**



- + Dry Soil Surface
- + Long Life
- + Deeper Roots
- + mechanical harvesting
- + less weeds
- + labor saving
- + quality yield
- + longer crop productivity
- + environmental use of sewage
- Water not visible
- complexity in design

# Distribution of Water

Distribution of  $S_w$  after three hours of redistribution followed by eight hours of infiltration.



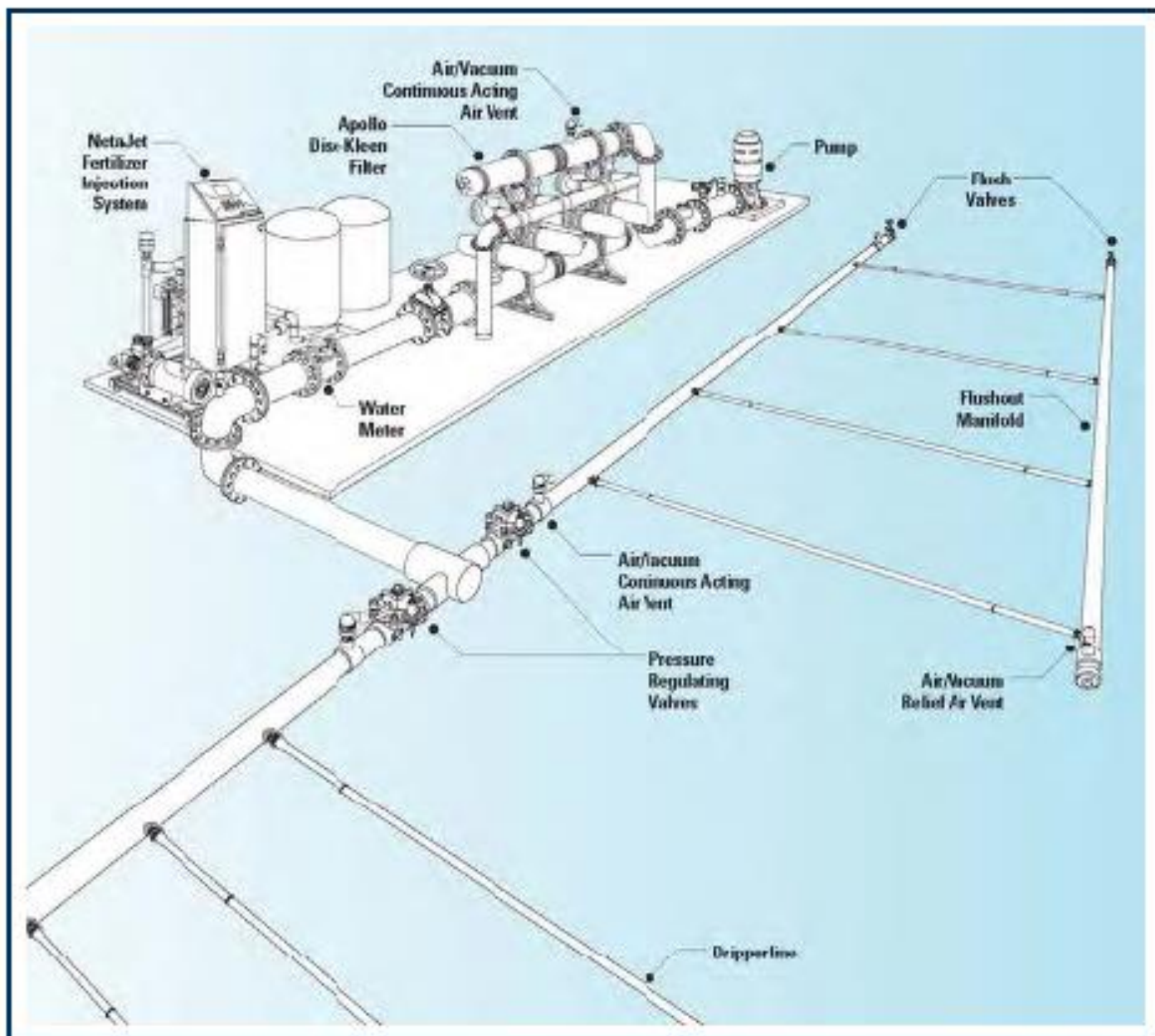
תכולת מים בקרקע לאחר 3 שעות השקיה,  
 בעקבות מחזור השקיה קודם בן 8 שעות

# Vacuum Breaker

**DON'T SAVE ON  
NUMBER OF  
VACUUM  
BREAKERS !!**

***COST IS  
NEGLIGIBLE IN  
COMPARISON TO  
A FAILURE***

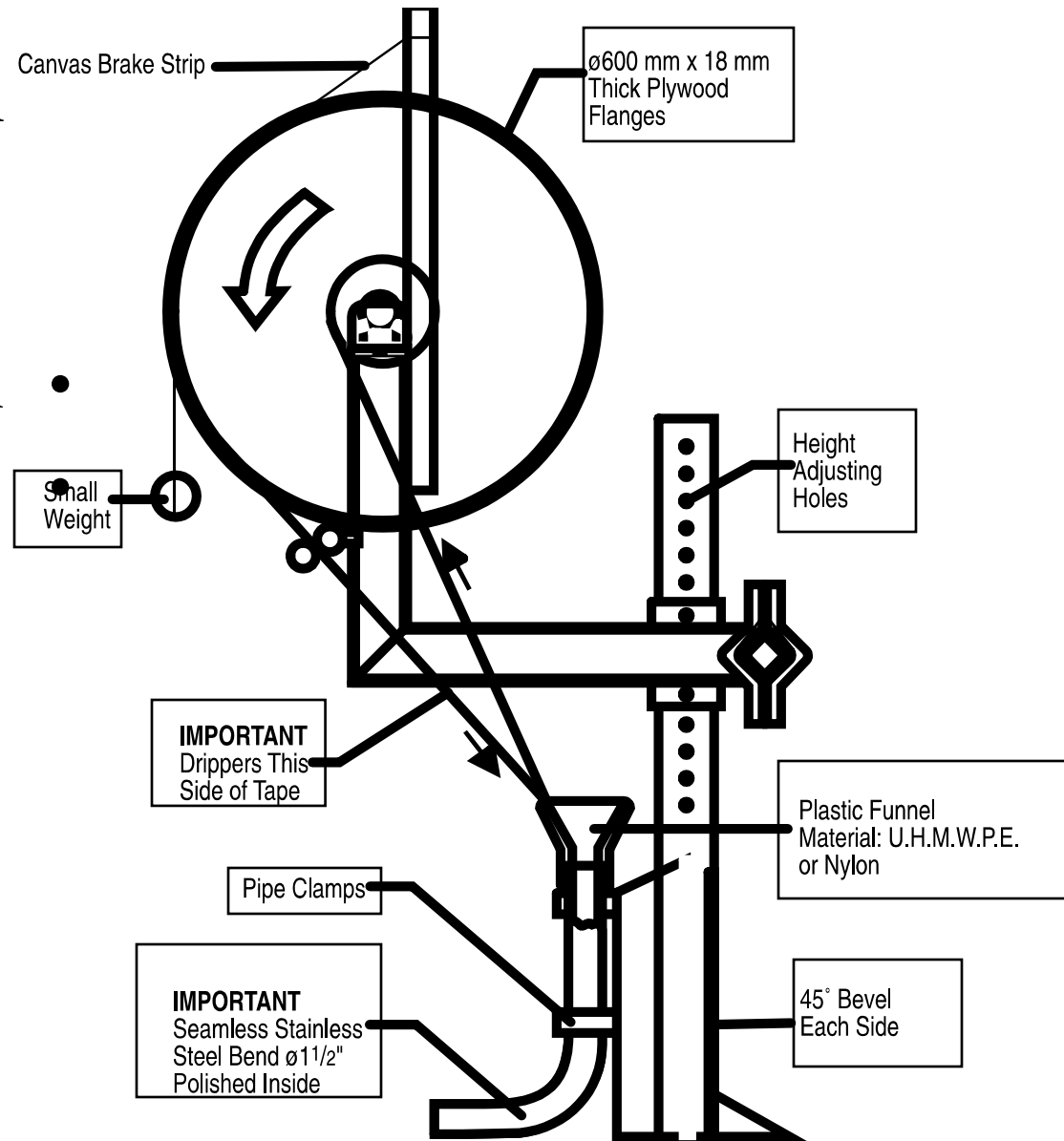




**FIGURE 1.** Schematic layout of drip system components

# Tape Injection

Fixed injection depth •  
Dripper's outlet faces  
up.



# SDI in Alfalfa





# Valves in Area of Sub-Surface Irrigation











