

## SUMMARY

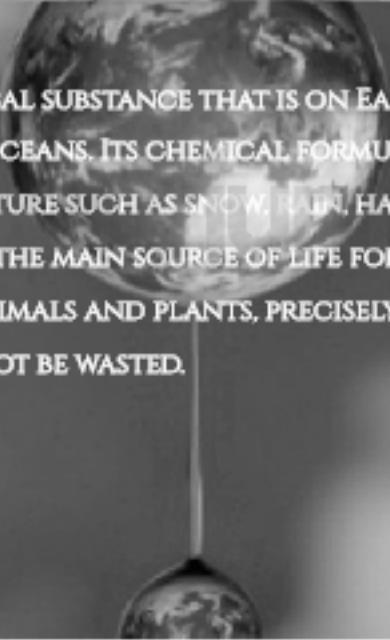
1. WHAT IS WATER?
2. WHAT IS IRRIGATION?
3. RAINWATER FOR IRRIGATION
4. WHAT IS THE TANK?



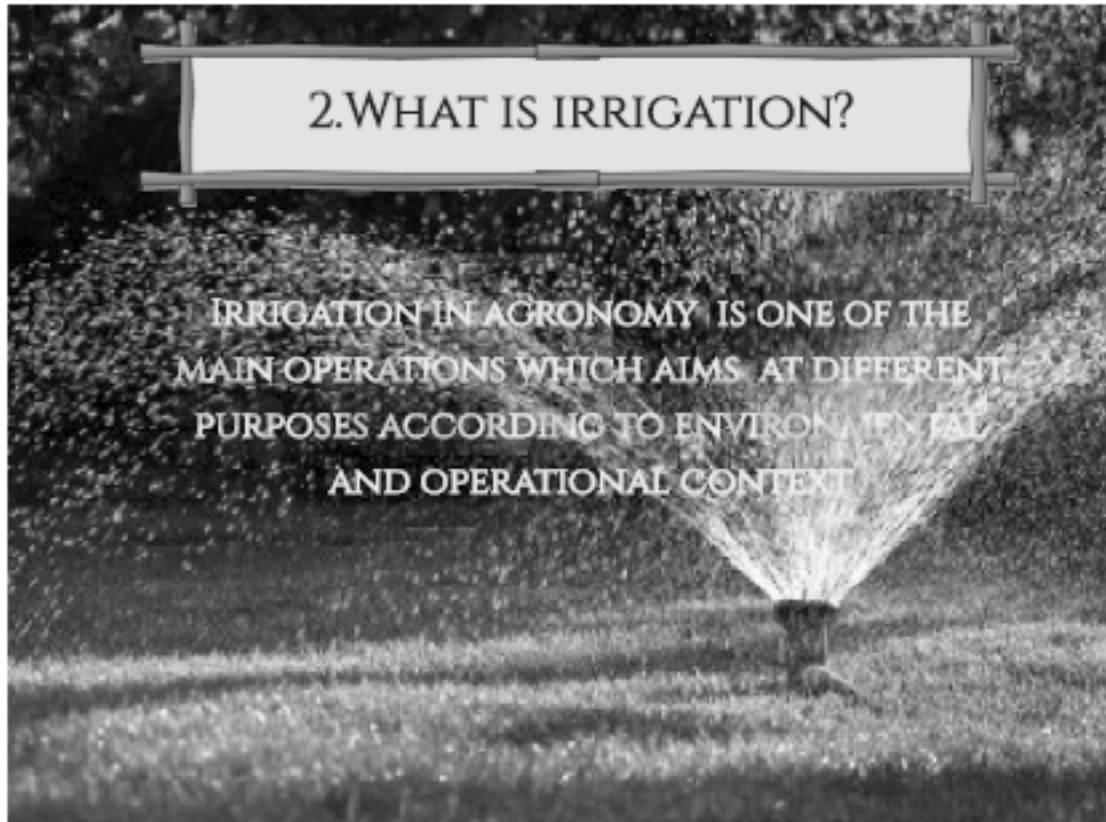
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## 1. WHAT IS WATER?



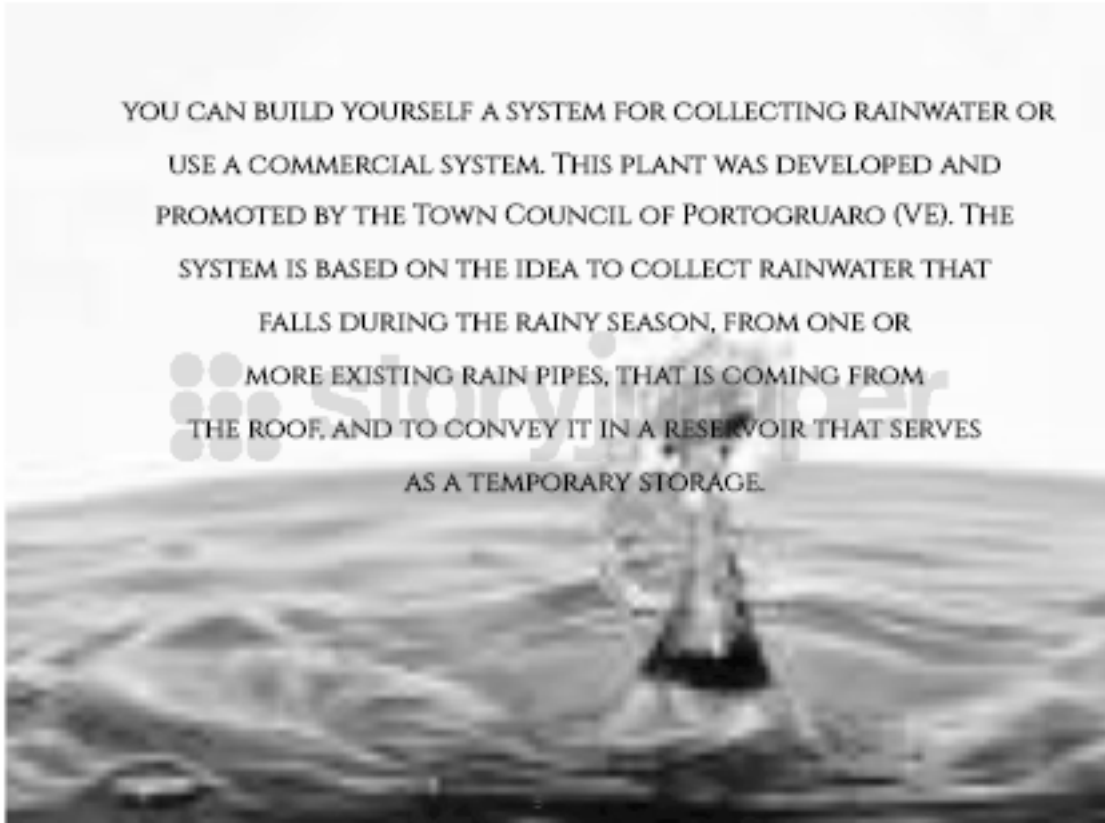
WATER IS A CHEMICAL SUBSTANCE THAT IS ON EARTH'S LAKES, RIVERS, SEAS AND OCEANS. ITS CHEMICAL FORMULA IS  $H_2O$ . WE CAN FIND IT IN NATURE SUCH AS SNOW, RAIN, HAIL, FOG AND CLOUDS. IT IS THE MAIN SOURCE OF LIFE FOR HUMAN BEINGS: PEOPLE, ANIMALS AND PLANTS. PRECISELY FOR THIS REASON SHOULD NOT BE WASTED.



### 3. RAINWATER FOR IRRIGATION

ONE OF THE EASIEST WAYS TO COLLECT RAINWATER FOR IRRIGATION IS PUTTING IN THE GARDEN ONE OR MORE CAPACIOUS TANKS. EVEN THOSE WHO HAVE A BALCONY OR TERRACE CAN COLLECT RAINWATER, WITH BUCKETS OR OTHER CONTAINERS. THIS WATER WILL GO ON TO PLANTS, YARDS AND GARDENS DURING SUMMER MONTHS, AVOIDING THE USE OF DRINKING WATER. YOU CAN STORE THE COLLECTED RAINWATER FOR DRIP IRRIGATION SYSTEM, WHICH ALLOWS THE RATIONAL USE OF WATER RESOURCES.

YOU CAN BUILD YOURSELF A SYSTEM FOR COLLECTING RAINWATER OR USE A COMMERCIAL SYSTEM. THIS PLANT WAS DEVELOPED AND PROMOTED BY THE TOWN COUNCIL OF PORTOGRUARO (VE). THE SYSTEM IS BASED ON THE IDEA TO COLLECT RAINWATER THAT FALLS DURING THE RAINY SEASON, FROM ONE OR MORE EXISTING RAIN PIPES, THAT IS COMING FROM THE ROOF, AND TO CONVEY IT IN A RESERVOIR THAT SERVES AS A TEMPORARY STORAGE.



YOU SHOULD PAY PARTICULAR ATTENTION TO THE CHOICE OF  
THE PLACE OF AND GROUND CLEARANCE AS THIS MUST BE  
CONNECTED TO A RAIN WATER PIPE. YOU CAN RE-USE RAIN  
WATER FOR YOUR VEGETABLE GARDEN AND THE THROUGH AN  
PHIROFMEN AUTOMATIC SYSTEM.

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## 4.WHAT IS A TANK?



THE TANK IS A CONTAINER FOR LIQUIDS, DESIGNED FIRST OF ALL TO COLLECT WATER, BUT ITS USE CAN BE EASILY EXTENDED TO OTHER FLUIDS FOR FOOD OR TECHNOLOGY.



