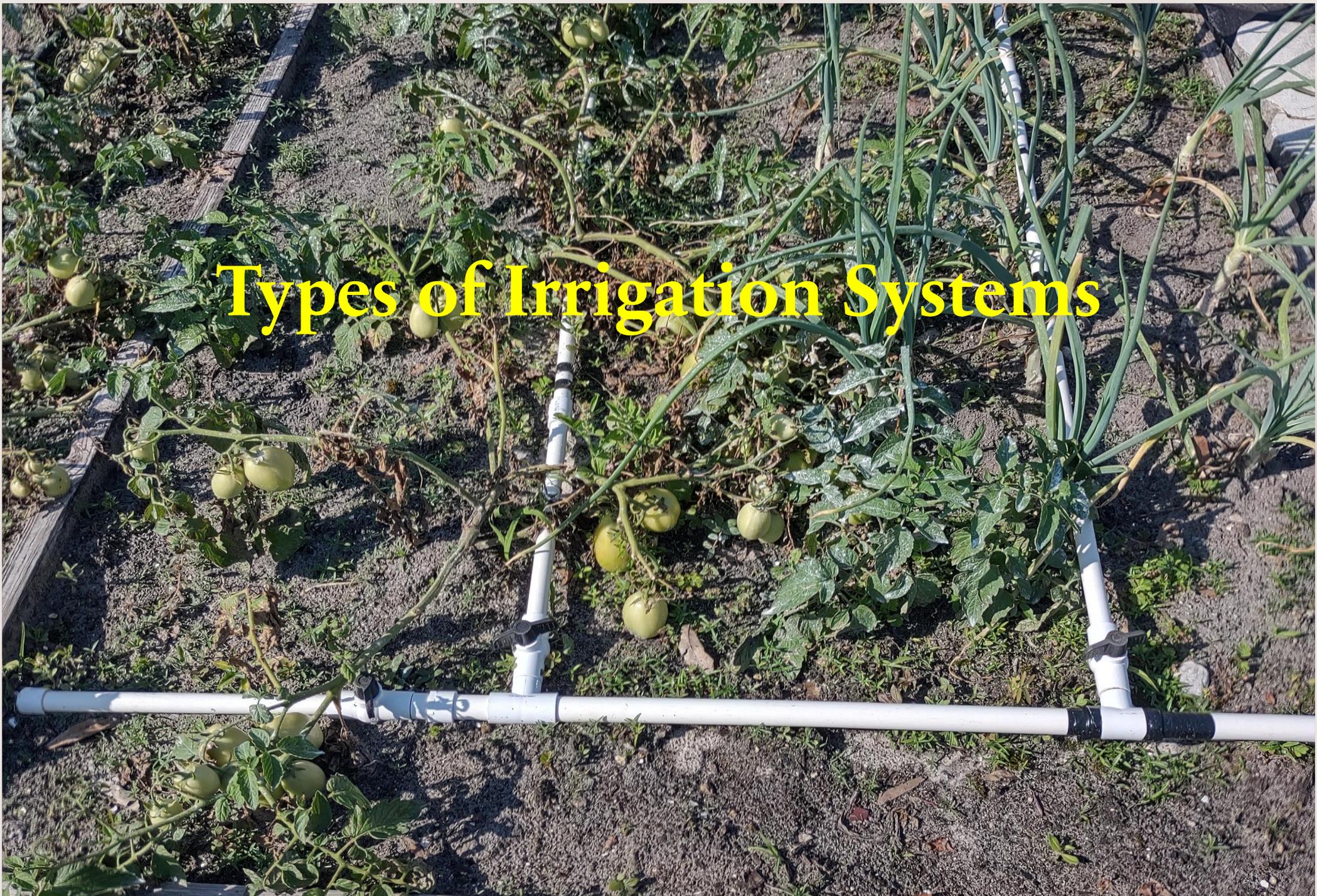


Types of Irrigation Systems



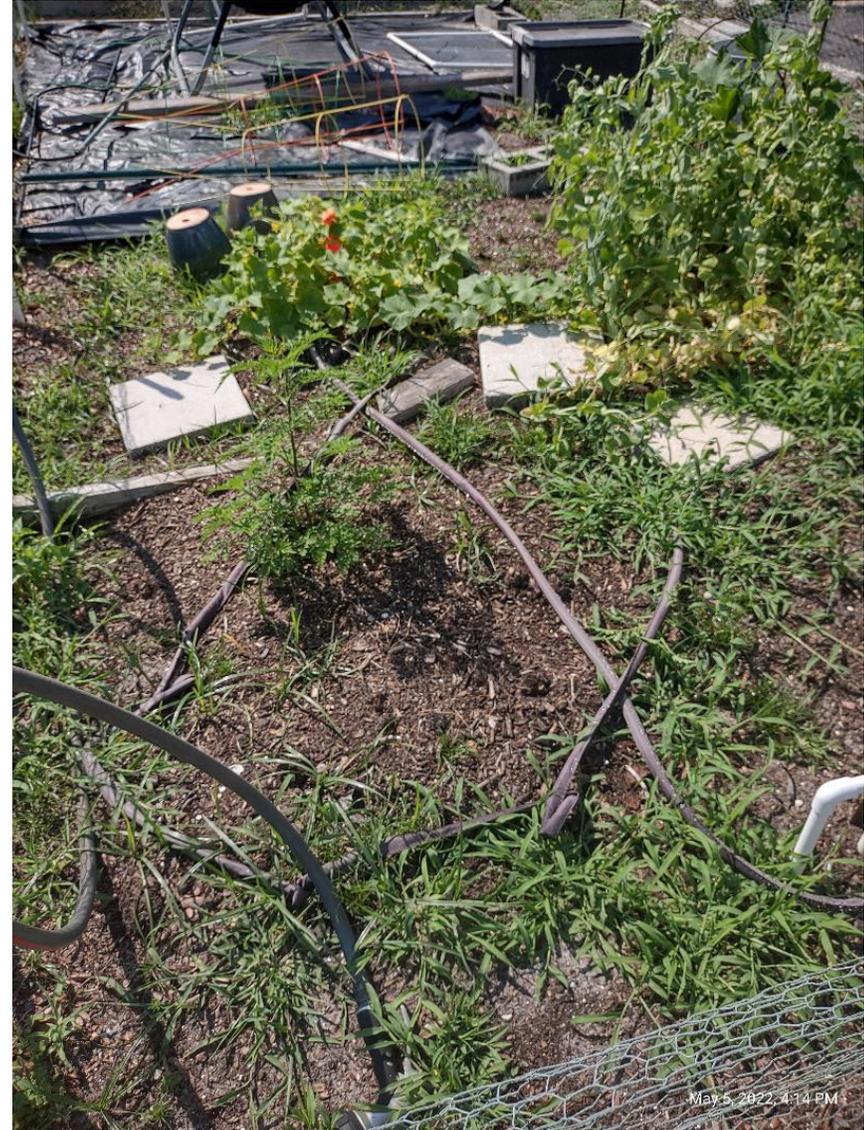
Soaker Hoses

Pros: Easy Installation



Soaker Hoses

Cons: High Water Consumption



Soaker Hoses

**Cons: High Water
Consumption**



Yard Sprinklers

- ✓ **Pros: Cover Large Area**
- ✓ **Cons: High Water Consumption**
- ✓ **Excess Overspray**





Drip Irrigation Hose

**Pros: Direct, Focused Watering
Reasonable Installation Cost**

**Cons: Moderate Learning Curve
&
Special Tools Required**

Apr 17, 2022, 5:20 PM

Drip Irrigation Hose

- ✓ **Various Types of Watering Heads Available, Drip or Spray Heads**
- ✓ **Typical Hose Connection for a Typical Watering Head**



Drip Irrigation Hose

- ✓ **Variety of Spray Heads Available**
- ✓ **Different Spray Patterns Possible**
- ✓ **Short Operating Life**



Drip Irrigation Hose

- ✓ **Automatic Control Available**
- ✓ **Battery Operated - No Power required**
- ✓ **Some Maintenance Required**



PVC Pipe

Pros: Direct, Focused Watering

**Valves control H₂O to individual
Headers**

Pipe Arrangement Easy to Modify

Cons: High Upfront Cost

Moderate Learning Curve



Application of Types of Irrigation

Seedlings & Transplants:

- ✓ Use Raised Sprayers



Application of Types of Irrigation

Lettuce, Tomatoes:

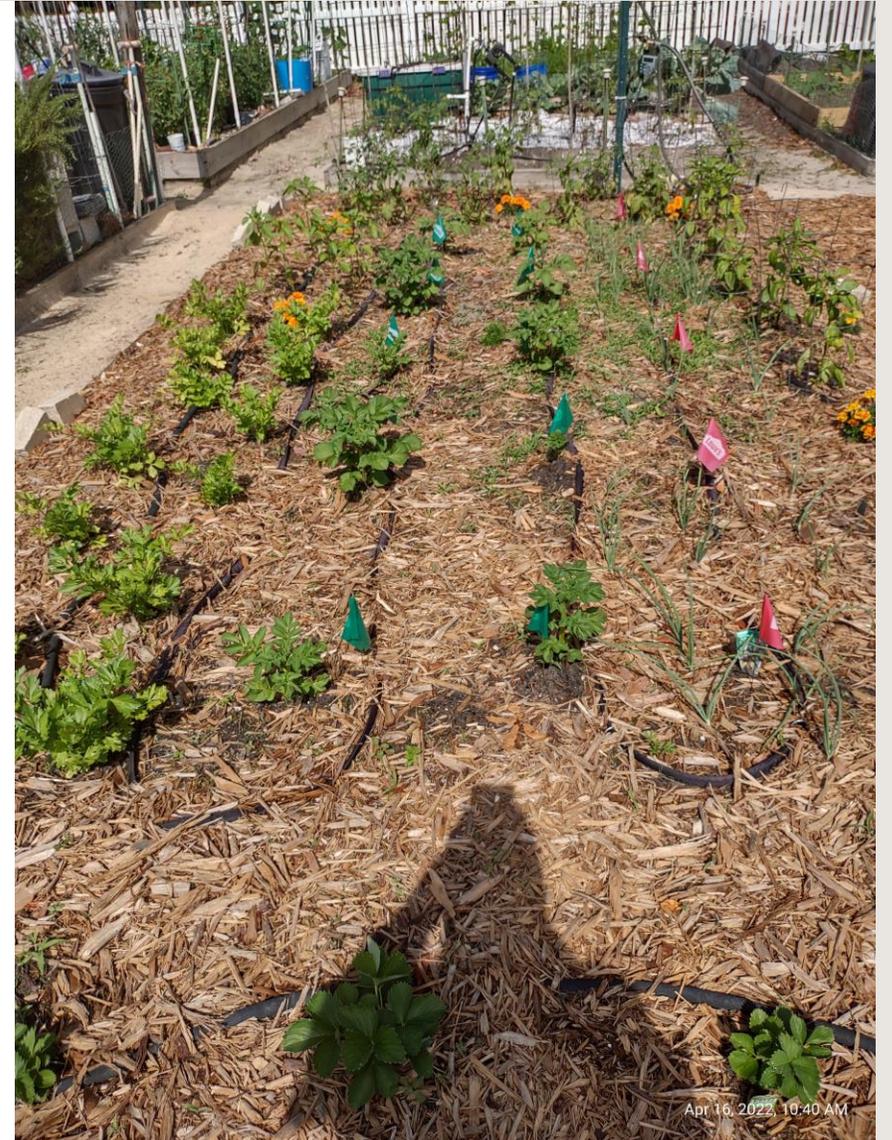
✓ **Use of Sprays**



Application of Types of Irrigation

Lettuce, Tomatoes:

✓ **Use of Drip Hose**



Application of Types of Irrigation

Lettuce, Tomatoes:

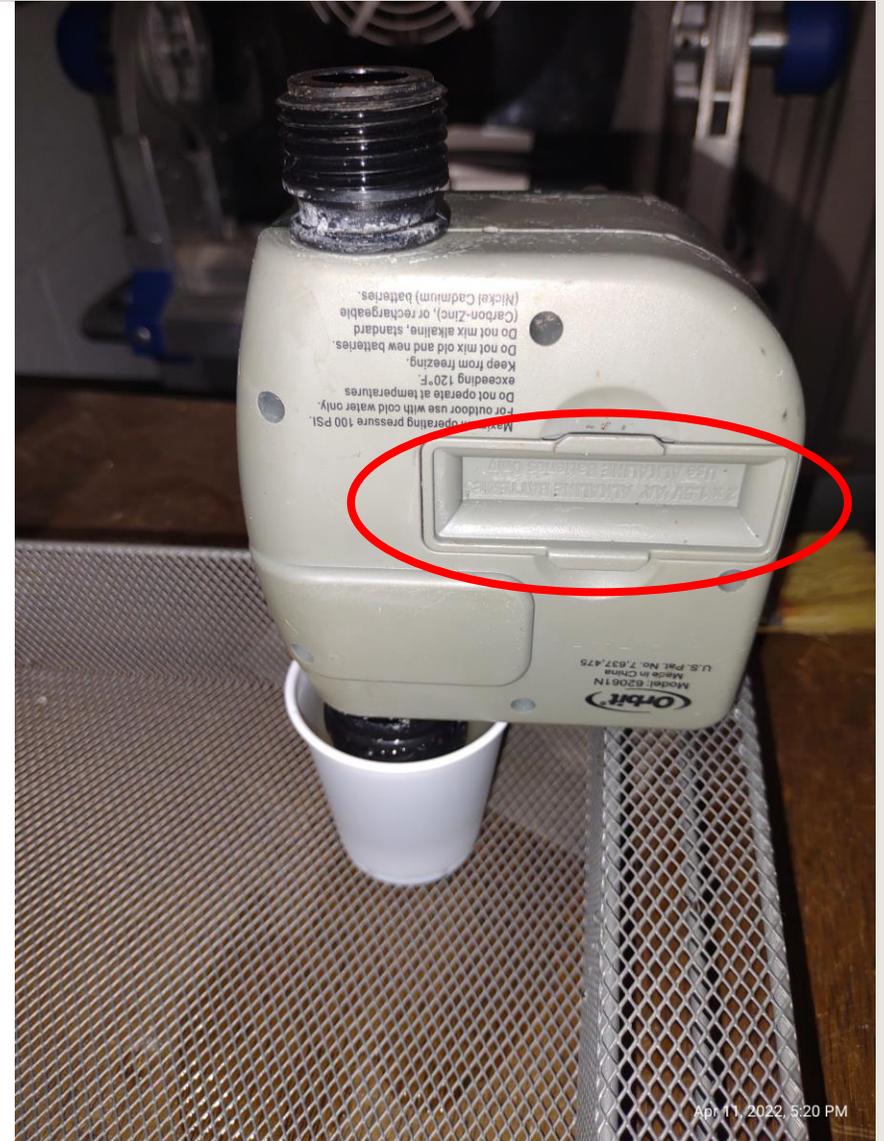
✓ **Use of Drip Hose**



Equipment Maintenance

Annually:

- ✓ **Change Batteries in Controller**



Apr 11, 2022, 5:20 PM

Equipment Maintenance

Annually:

- ✓ **Change Hose Fitting Gaskets**



Apr 16, 2022, 10:57 AM

Equipment Maintenance

Annually:

- ✓ **Inspect for Corrosion/ Lime Accumulation**
- ✓ **Clean with Vinegar**

95% Plugged



May 21, 2021, 2:47 PM

Equipment Maintenance

Annually:

- ✓ Lubricate Hose Connections



Links

Retail Vendors

- **Lowes**
- **Home Depot**
- **Amazon - Be Careful!**

Brands

- **Irrigation Sprinkler/Drippers**
 - **Rain Bird**
 - **Mr. Sprinkler**

Summary

- 1. Use Appropriate System**
- 2. Check System Regularly**
- 3. Maintain Annually**



Thank You

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