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# Center for Smart Agriculture

## Hydroponics technology



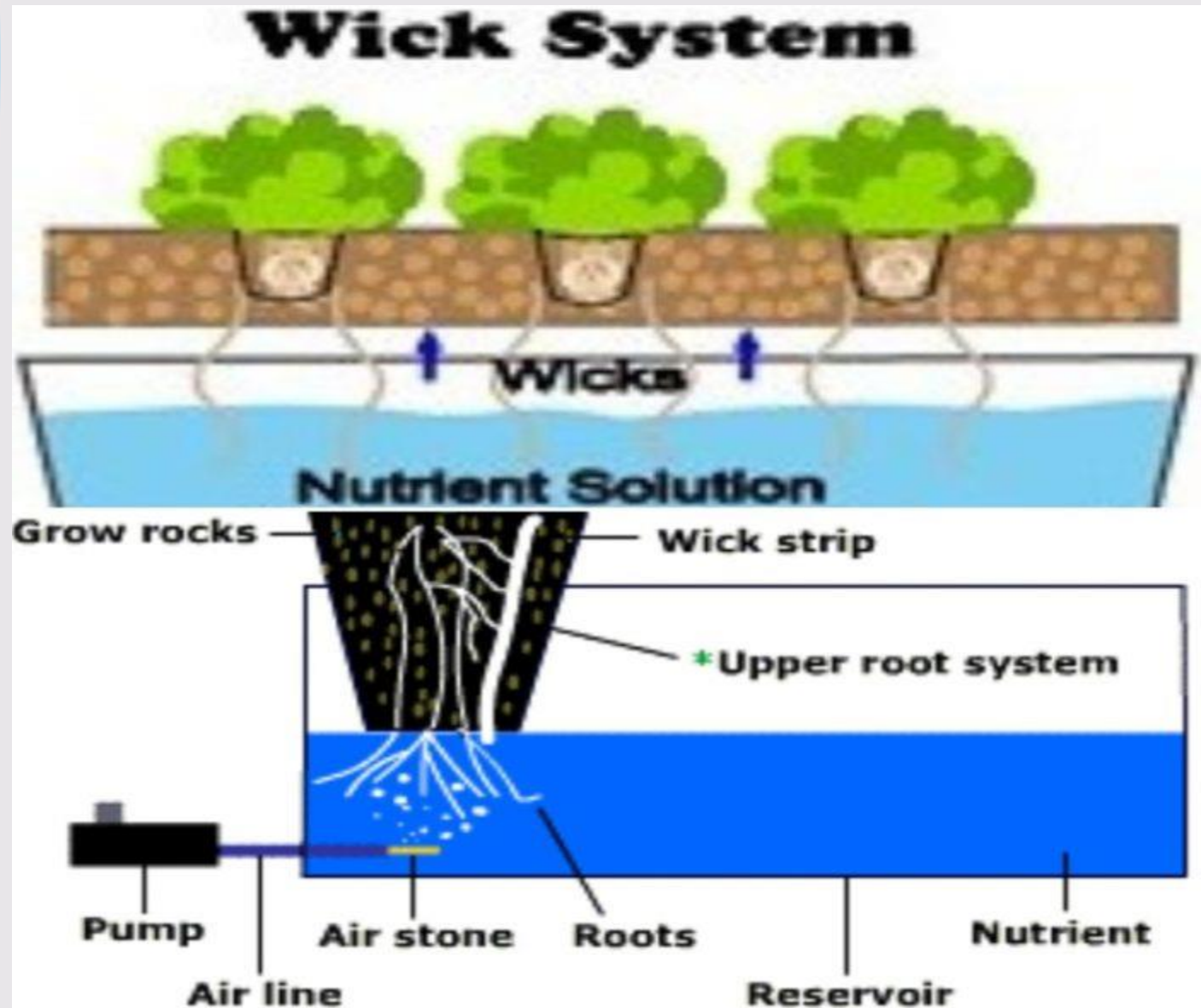
### **Module 1:** Prerequisites for hydroponics technology

**Session 7 :** Other Techniques - wick systems, flood & drain, bag culture, aeroponics, etc.



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## 4. Wick systems





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## **Pros of a wick system**

- ❖ Simplicity
- ❖ Space-efficient

## **Cons of a wick system**

- ❖ Limitations
- ❖ Susceptible to rot





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## 5. Drip systems







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## **Pros of a drip system**

- ❖ Variety of plant options
- ❖ Scale

## **Cons of a drip system**

- ❖ Maintenance
- ❖ Complexity



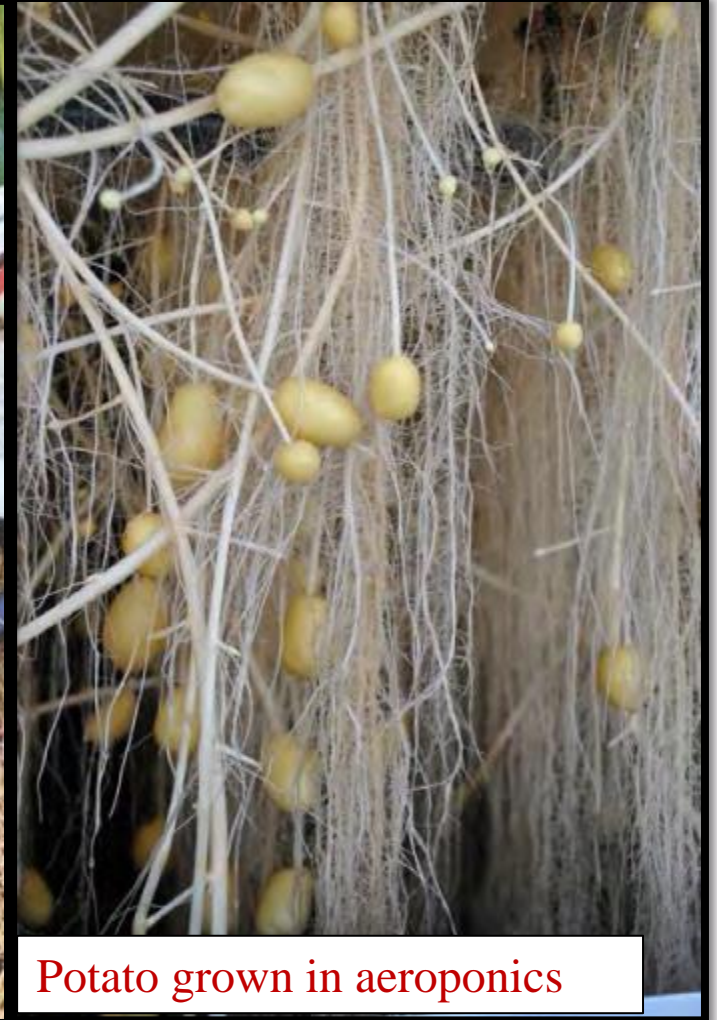


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## 6. Aeroponics



**Anthurium flower production**



**Potato grown in aeroponics**

*Source: Purdue University Cooperative Extension Service*



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## **Pros of an aeroponics system**

- ❖ Oxygen surplus
- ❖ Mobility

## **Cons of an aeroponics system**

- ❖ Expensive
- ❖ Maintenance





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# Thank you...