

Be sure to view all video lectures in this module: Introduction to Fruit, Growing Apples in Wisconsin, Growing Grapes in Wisconsin, Growing Strawberries in Wisconsin, Growing Raspberries in Wisconsin

## Introduction to fruit

What is a fruit?

### Types of fruits

#### Dry fruits

Legume

Capsule

Follicles

Nuts

Achene

Samara

Aggregate fruit

#### Fleshy fruits

Drupes

Berries

Pome

Pepo

Accessory fruits

Multiple fruit

# Growing Apples in Wisconsin

## Introduction

Center of Origin

Home Orchard Road Map

Environmental Needs

Soils

## Fun Facts

Johnny Appleseed

## Grafting

Topworking

Rootstock

Scion

Graft union

Interstem

Budding

# Dwarfing

Advantages and Disadvantages

# Selection

Winter hardiness

Cultivar strengths and weaknesses

DRCs

Sports

# Planting

Containerized

Bareroot

Tree spacing

## Maintenance

Young tree training

Branch angles

Scaffold branches

Central leader training system

## Pruning

King flower

## Renovation

Espalier

## Watering

## Fertilizer

# Pest Management

Apple bagging

## Pollination

Pollination

Pollinizer

Fruit thinning

Are bees required for pollination?

## Early Cropping

## Harvesting

## Reasons for No Fruit

# Growing Grapes in Wisconsin

## Introduction

*Grapes bear fruit on 1 year old wood*

## Environmental Needs

Growing Degree Days

*See Phenology for more information  
regarding Growing Degree Days*  
<http://blogs.ces.uwex.edu/mgvlevel1/?p=680>

Soils

## Fun Facts

## Selection and Planting

Winter hardiness

Vine maintenance

Intent for use

## Trellising and Pruning

Training system

Trunk

Cordon

Cane

Spur

Shoot

Renovation

## Maintenance

Watering

Fertilization

## Pollination

Are bees required for pollination?

*Perfect flowers  
Male and female flower parts  
both present in same flower*

## Harvesting

## Reasons for No Fruit

# Growing Strawberries in Wisconsin

## Introduction

*Fragaria spp.*

Junebearing

Everbearing

Day Neutral

Crown

Roots

Leaves

Stolon

Daughter plant

Inflorescence

Flower

Fruit

## Fun Facts

## Environmental Needs

Soils



## Selection and Planting

Winter hardiness

## Maintenance

Watering

Fertilization

Renovation

## Pest Management

*Roguing*  
*Getting rid of problem plants*

## Harvesting

## Reasons for No Fruit

# Growing Raspberries in Wisconsin

## Introduction

*Rubus spp.*

Red raspberry

Black raspberry

Purple raspberry

Blackberry

Yellow raspberry

Brambles

Primocane fruiting types

Floricanne fruiting types

## Fun Facts

## Environmental Needs

Soils

## Pollination and Fruiting

Aggregate fruit

Drupelet

Are bees required for pollination?

## Selection and Planting

Bareroot

Tissue culture

Mulch

## Training and Pruning

Pinching

Trellis system

Fall-only system

## Pest Management

## Harvesting