

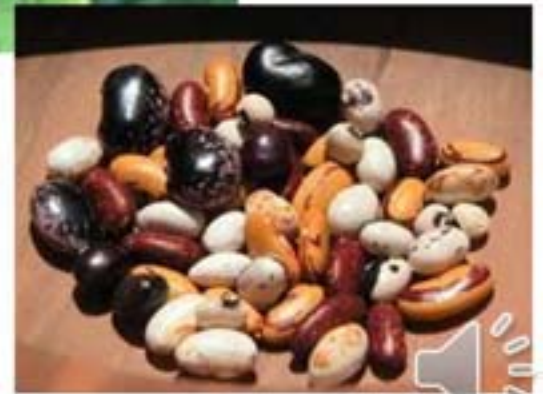
# *Legumes*

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# Legumes



# Legumes:

## Peas (family: Fabaceae)

- Very early season and fall
  - For fall add 10 days to days to harvest before first frost
- Types:
  - Garden peas (English or shelling peas)
  - Snap peas – edible pod and full-sized seeds
  - Snow peas – pod only; flat





- Growth habits:
  - Determinate – bushy; mature all at once
  - Indeterminate – vining; harvest spread out; need support



- Varieties:
  - Garden peas
    - Little Marvel (63 days; 18")
    - Frosty (64; 28")
    - Wando (70; 24-30"; withstands some heat)



## — Snow peas

- Dwarf Gray Sugar (65; 24-30")
- Oregon Sugar Pod II (68; 24-30")
- Mammoth Melting Sugar (68; 4-5')





## – Snap peas

- Sugar Snap (74; 5-6'; original snap pea)
- Early Snap (60; 18-22")



'Cascadia' Sugar Snap



- Can plant in 45 degree soil
- Soak a couple hours to speed germination
- Inoculate with *Rhizobium sp.* bacteria which fix nitrogen in nodules on the roots
  - Not needed if legumes have been grown there before
- Plant in single or double rows
  - Self supporting
- No additional fertilizer is needed





# Legumes:

## Beans (family: Fabaceae)

- Tender, warm season
  - Seeds rot if planted in cold soil
- Snap beans bred to be stringless
- Pods – green, yellow (wax), purple, round, flat (Romano)
- Seeds – white, speckled, pink, red, black, green
- Types:
  - Bush beans
  - Pole beans
  - Dry beans
  - Soybeans



- Bush

- Green

- Contender
    - Blue Lake 274
    - Bush Kentucky Wonder
    - Dandy (filet type)
    - Roma II (flat)

- Yellow

- Yellow pencil pod
    - Slenderwax

- Purple

- Royal Burgundy





- Pole
  - Green
    - Blue Lake
    - Kentucky Wonder
    - Scarlet runner type
      - Scarlet Runner(heirloom)
      - Red Knight
      - Dwarf Bees





- Other:
  - Soybeans (edamame)
  - Garbanzo (chick peas)
  - Fava (broad beans)
- Dry
  - Lima (or immature)
  - Cowpeas (Blk.eyed peas)
  - Black Turtle
  - Mung (sprouting)
  - Adzuki



- Plant after the ff date
  - Can try 7-10 days earlier but only part of the crop
- Plant every 2 – 4 weeks until early August
  - Not as necessary if kept harvested
- No fertilizer needed – they fix their own on root nodules





- Harvesting

- For “green beans”

- when pods are full sized but seeds inside are small



- For fresh beans like lima

- Seeds are full-sized but not starchy



- For dry beans

- leave until seeds are completely dry.



- Pests:

- Bean leaf beetles
  - Mexican bean beetles
  - Japanese beetles



# UW-Extension in the Garden

- All segments are on the Fox 6 TV Website

