


Legumes

Level 2 MGV Training, 2013

By Sharon Morrisey
Consumer Horticulture Agent
Milwaukee County UW-Extension




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

