





Growing peonies in Fairbanks

- Grow well as long as get snow cover before it gets really cold
- 4 or 5 years until strong enough to harvest
- Later bloom dates will produce the most valuable stems

Peony root stock



Shorten tubers 4" to 6" stubs.

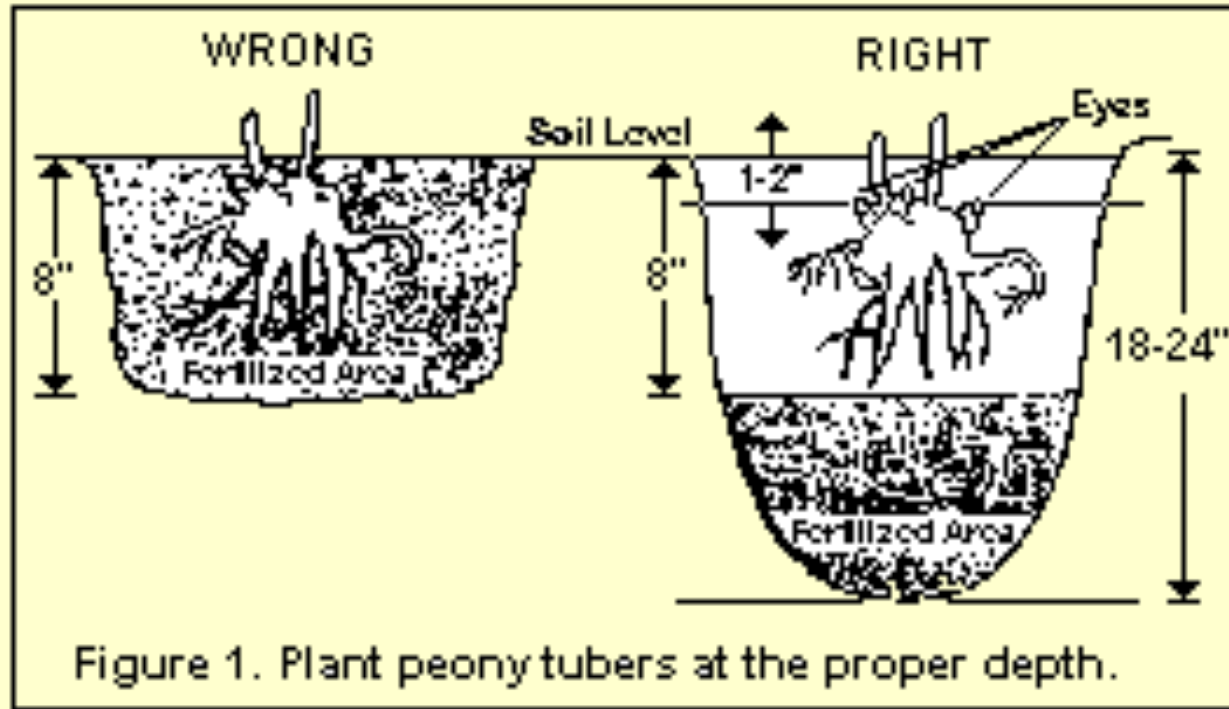


Cut stump apart so each piece will have three to five eyes and stong tubers.

Figure 3. Digging and dividing peony tubers.

- Dig and divide in fall before ground freezes or
- Plant first thing in the spring if getting in new stock from lower 48

Planting peony tubers



- Dig a deep hole
- Put bone meal and fertilizer in the hole
- Add soil to the bottom of the hole
- Make sure the eyes are 2 inches only below soil level
- Fill hole carefully making sure to get soil tight around roots and tubers

Harvesting peony buds for sale



- Harvest when in marshmallow w stage
- Keep in cold storage at 34 degrees until sell to florist



Caring for plants

- Top dress with 10-20-20 at 4 lb per acre each year
- Prune out any brown stems or buds

Caring for plants



- Stake up plants to keep flowers from falling over onto the ground

Caring for plants



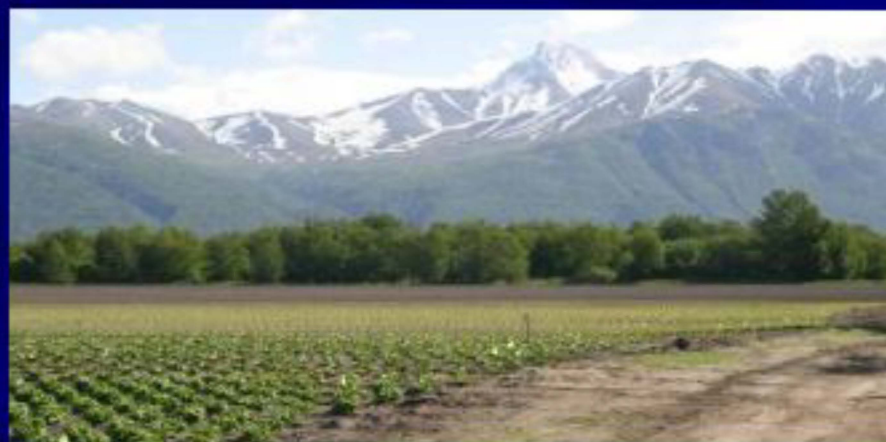
- Disbud all but the main bud to get a bigger, single flower on each stem



Caring for plants

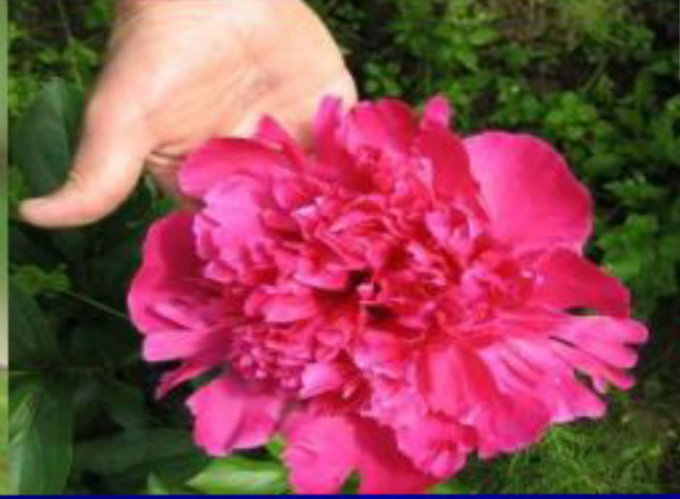
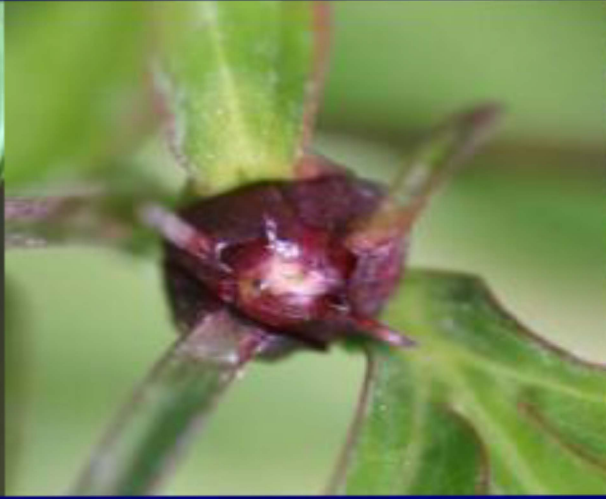
- Cut back vegetation and remove from garden before snow in the fall.

Low Input/Organic Agriculture at Latitude 64° North: Why Bother with IPM ?



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Normal Buds/Bloom



“Peony Budblast” Symptoms



Possible Causative Agents

Western Flower Thrips:

Frankliniella occidentalis (Pergande)



■ *Lygus spp.*

Macrosiphum euphorbiae on Peony Stem





Ann Berry Cousins

- Single



Nippon Beauty

- Japanese type



Pink Hawaiian Coral

- Semi
double



Sarah Barnhart

- Bomb
type



Belleville

- Anemone Bomb

