

# Swiss Army Landscaping:

Multi-use plants for connecting people with outdoor spaces



Brown Bag Lecture Series

Graham Herbst

Nebraska Forest Service

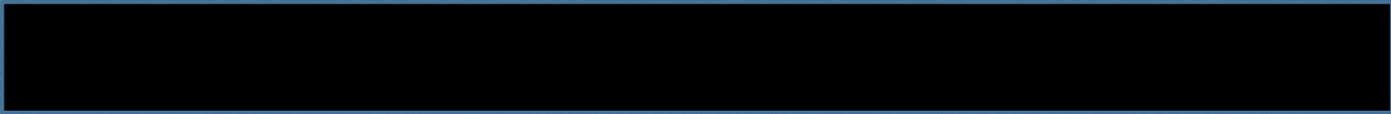








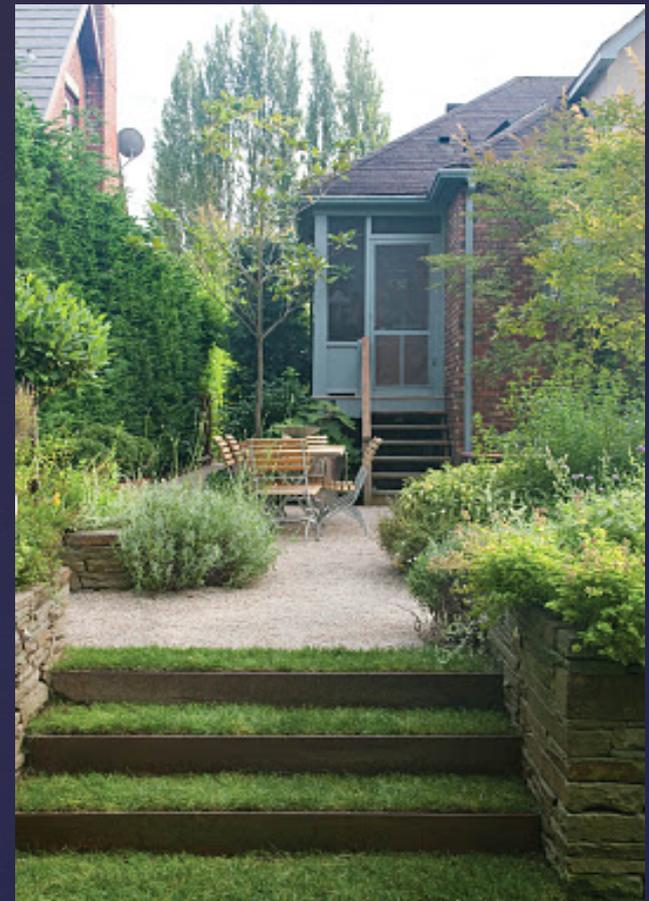
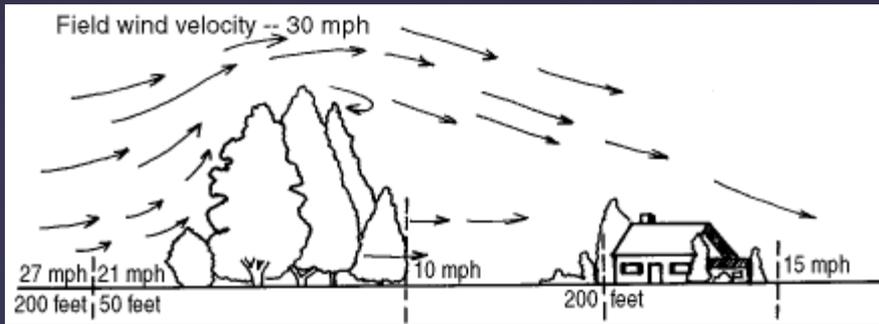
**WTF?**



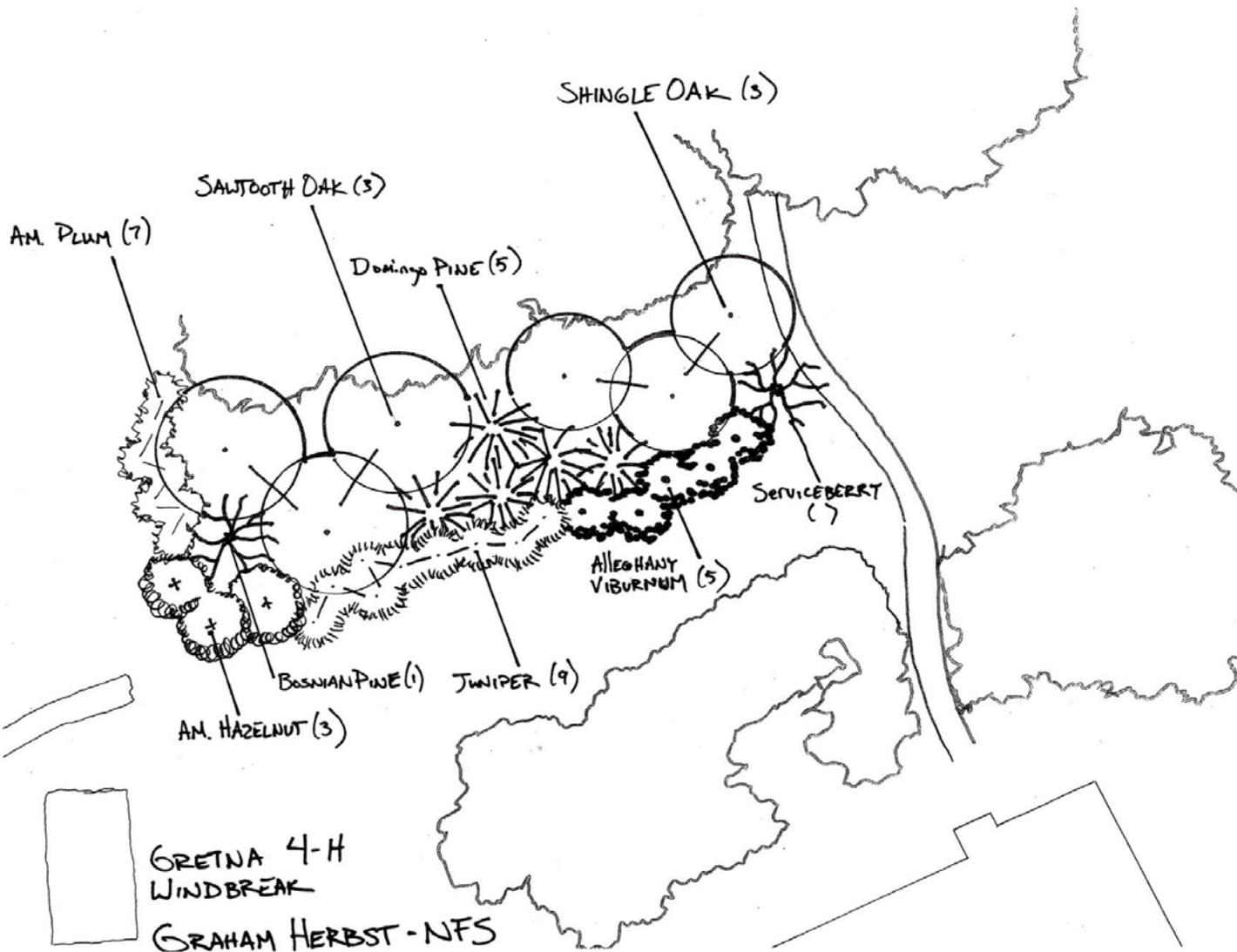








# Under-utilized Plants for Windbreaks



Bosnian pine



Mugo pine



Domingo pine  
Eastern white x Mexican white



Other conifers



# Shingle oak



# Sawtooth oak

# American hornbeam



Marcescence is the retention of dead plant organs that normally are shed.



(Semi-) Evergreen  
viburnums



American plum





*Leadplant, Amorpha canescens*

Makes a delicious "prairie tea"



One Tbs. dried leaves per cup of water; bring to boil and simmer for at least 4 minutes.







Ocopa



*Huacatay, Tagetes minuta*



*Lemon Verbena, Aloysia citradora*



Mountain mint – *Picnanthemum tenuifolium*



Good companion plant for tomatoes and strawberries  
Deep tap roots break up compacted soils  
Flowers and young leaves edible, cucumber-like flavor

*Borage*, *Borago officinalis*

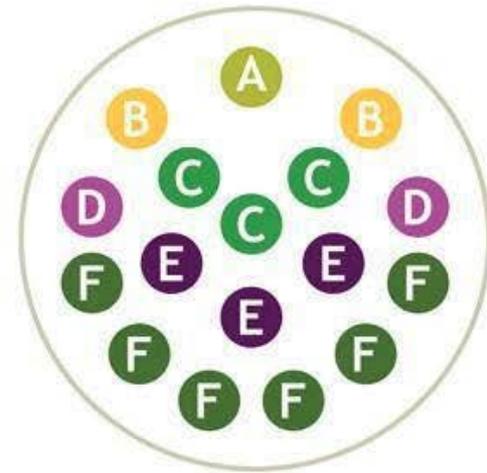


*Tulsi, Ocimum tenuiflorum*

# MOSQUITO CONTROL

by Rob Sproule

**salisbury**  
GREENHOUSE



Recommended container size: 70 cm across

- A** Citronella geranium
- B** Marigold 'Lemon Gem'
- C** Lemon grass
- D** Catnip
- E** Ageratum 'Artist Purple'
- F** Lemon thyme

Goldenrod  
'Witchita  
mountains'



Canna lily



Wild senna



Heliopsis



Mexican Hat



# Pollinators







*Sevenson Flower, Heptacodium miconoides*



*Akebia quinata*, Chocolate vine



Saskatoon Serviceberry  
*Amelanchier canadensis*





The fruit was highly valued, fresh or cooked as a sauce.

They were also dried for winter use; mixed with dried buffalo meat and fat to make pemmican.

The fruit is delicious eaten fresh, used in pies, jams, muffins, chunky topping or wine.

“Juneberries are the berry for the Northwest. No farmer ought to fail to plant a patch. I have just distributed, free, wagon-loads of plants from my early plantings, which were among my plums and in the way.”

Jules Sandoz, 1903 report to the  
Nebraska State Horticultural Society



- Frozen Juneberries



- Juneberry-Rhubarb Pie...Yummy!!



Persimmon, *Diospyros virginiana*

Persimmon leaves can be used to make teas.

Diospyros translated means "divine fruit"

It can be grown as a specimen or in groups for naturalizing.

Upon ripening fruit becomes sweet and may be eaten off the tree. Fruits are commonly used in syrups, jellies, ice creams or pies. Ripe fruits are too soft for shipping/sale..

The wood is extremely hard and has been used to make golf club heads, billiard cues and shoe lasts.





- Diospyros means "fruit of the Gods." Reportedly the sweetest fruit next to the date palm! Loaded with vitamins A, B, C.
- Avoid biting into one before its time—they have big time pucker power!
- Delicious baked





Delicious baked into a bread pudding, cookies, smoothies, ice cream and flan!!



Northern Pecan  
*Carya illinoensis*



Ceril Bish Pecan Orchard – UNL East Campus

Northern pecans are hardy and have been thriving in landscapes in southeastern NE for decades.

Nutmeat is of superior quality and NE nut growers research has identified the best cultivars for Nebraska.

The husks of pecans can be used for smoking wood for meat.

Some products are made from pecan and it is a very pretty wood for building material.







Shellbark Hickory *Carya laciniosa*

Nebraska only has 2 native Hickory species—bitternut and shagbark.

Eastern species such as shellbark and mockernut hickory are doing well in Lincoln and other areas of SE Nebraska.

Hickories host many beautiful moths and butterflies.

Obviously noted for the tough nuts that are important food source for mammals.

***Carya laciniata***



500 0 500 1000 1500 Kilometers







The nutmeat is of premium quality and delicious in baked goods.

The husks of hickories can be used as smoking wood for meat.



Some products are made from hickory and it is a very pretty wood for building material.

Hickory is perfect for open cooking fires - every time! It's the choice of most restaurants for consistent quality smoky flavor.





Clove Currant *Ribes odoratum*



Excellent shrub for edible landscapes with good spring flowers, summer fruit and red fall color.

Dormant branches are easy to force in spring as a woody ornamental.

The spicy, fragrant flowers are a good early season pollinator plant.

The black currants arrive in summer and make a delicious pie, jam or wine.



# Hazels and Filberts



# Aronia



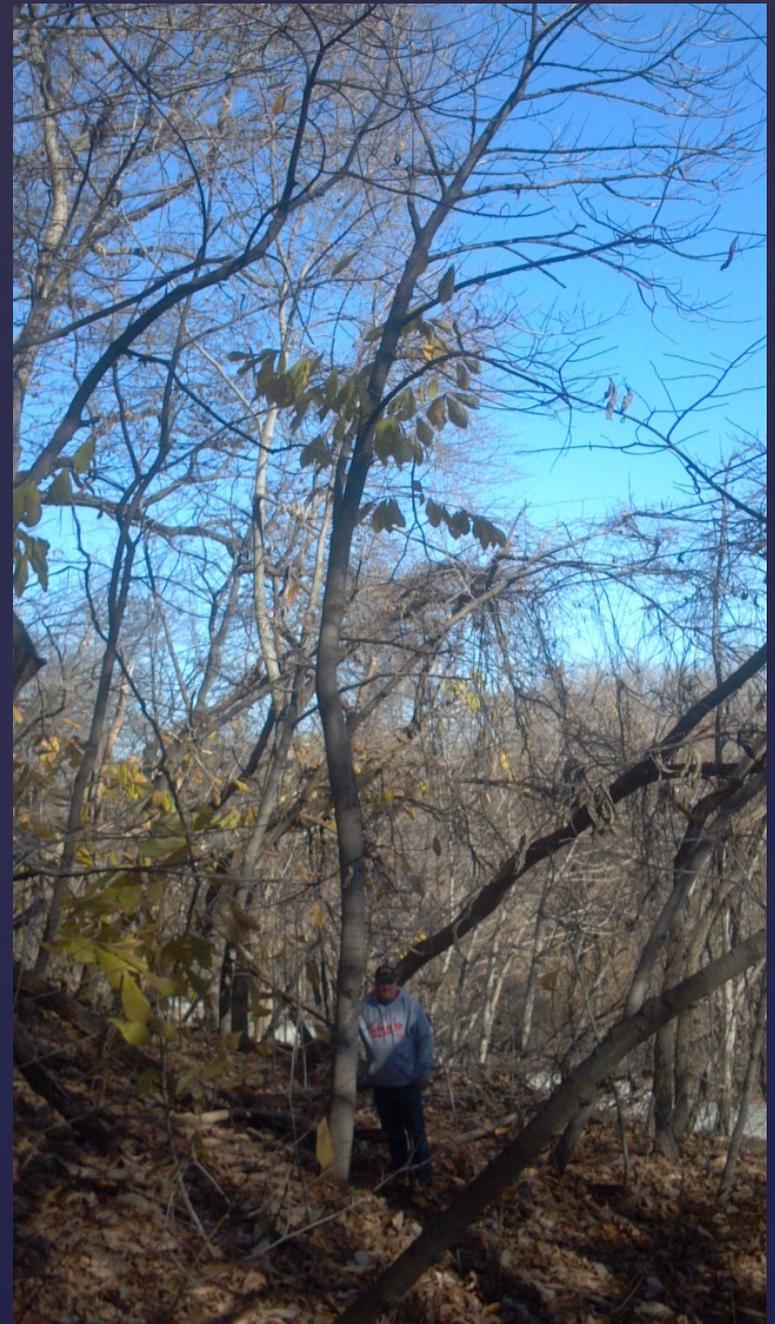
# Paw paw

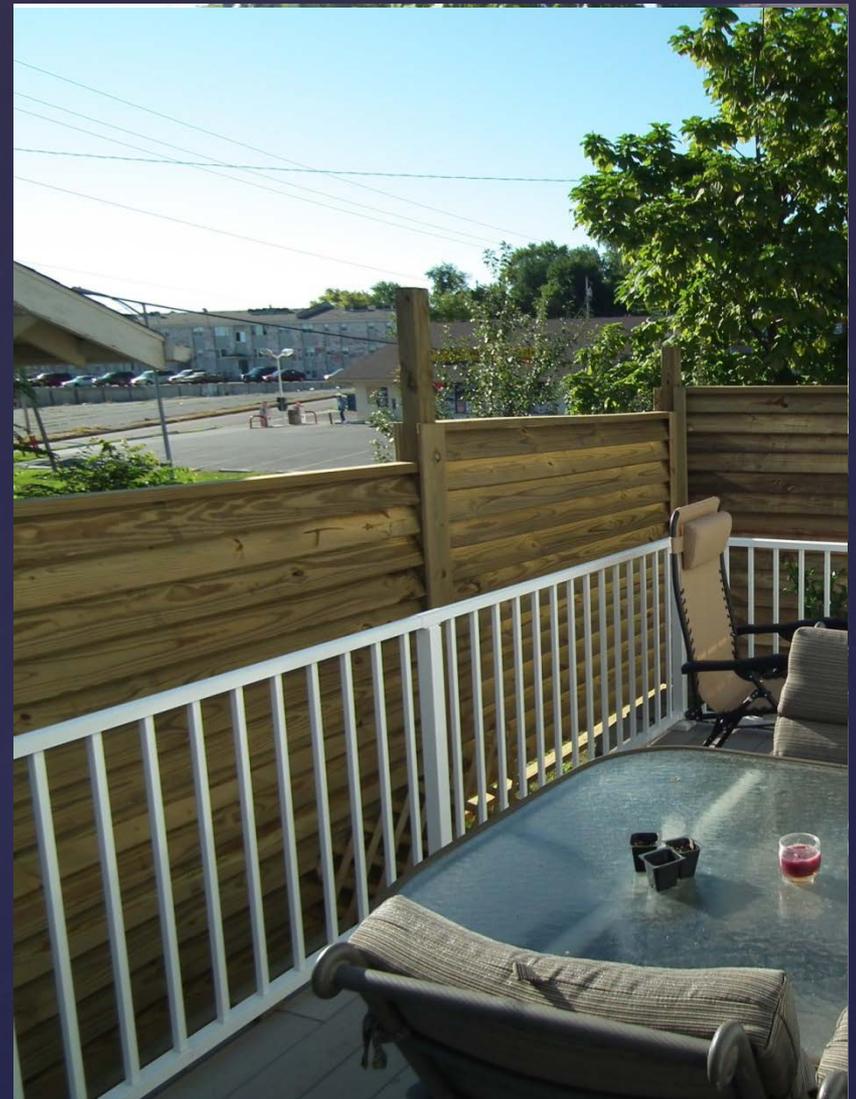
*Asimina triloba*



<http://www.pawpaw.kysu.edu/pawpaw/recipes.htm>

Steamboat Trace Trail  
24" circumference  
35' tall  
15' average spread





Apple tree espalier



# Purple Plants



# Castor Bean



# Amaranth





# Squash/pumpkins







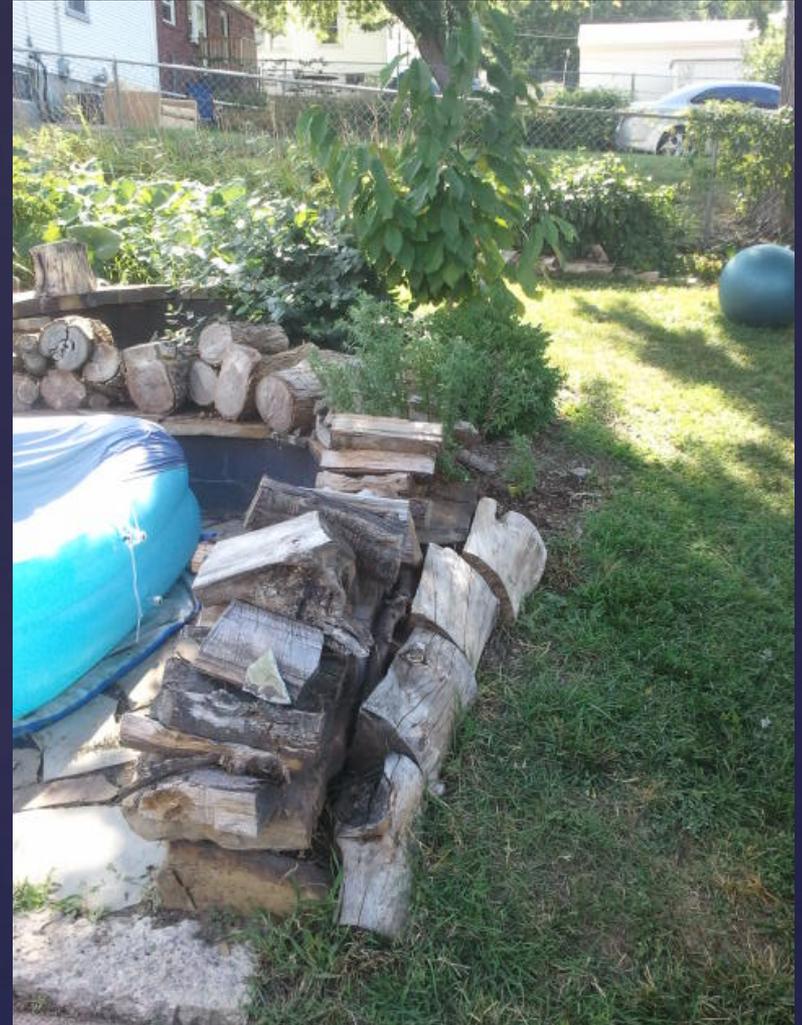
Melon forms



Fresh cut flowers



Cold frames



# Dead things



# BUILDING RAISED BEDS



Sun throughout the course of the day

# Hugelkultur

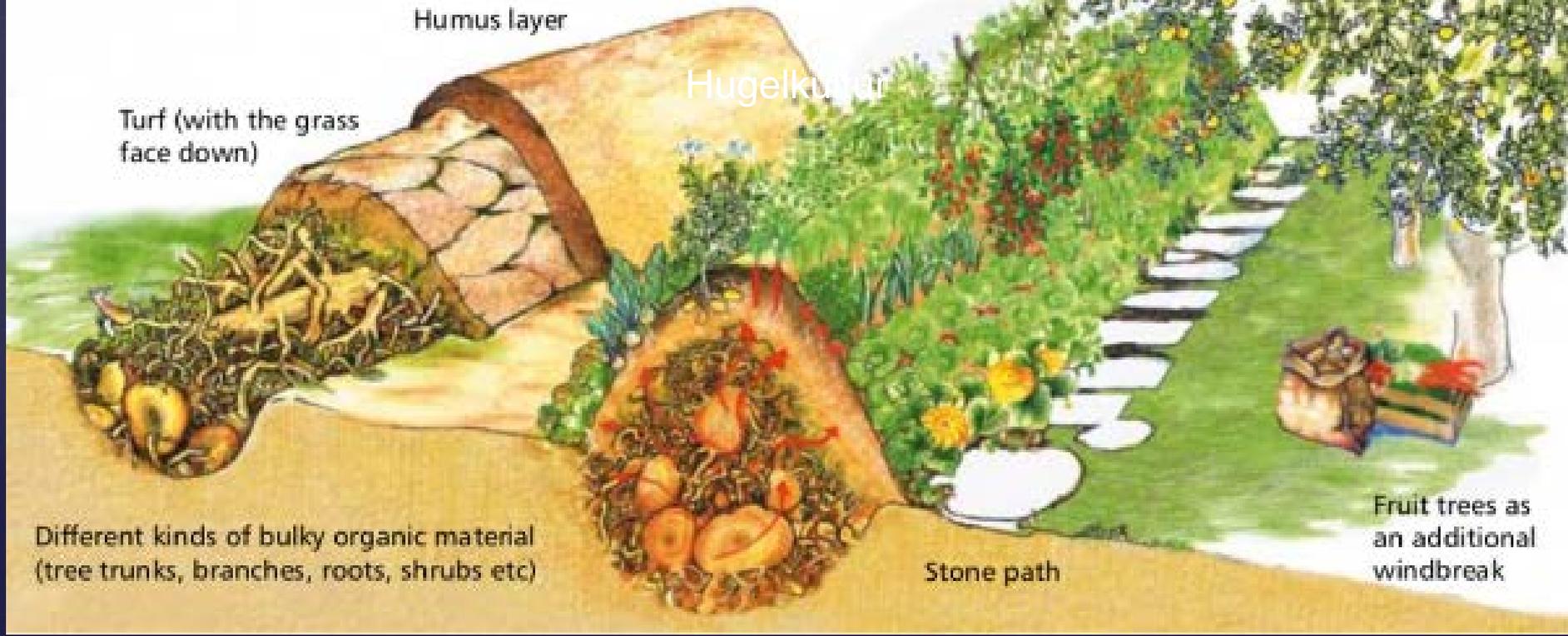


Wind direction

Humus layer

Hugelkultur

Turf (with the grass face down)



Different kinds of bulky organic material (tree trunks, branches, roots, shrubs etc)

Stone path

Fruit trees as an additional windbreak







# Grass clippings

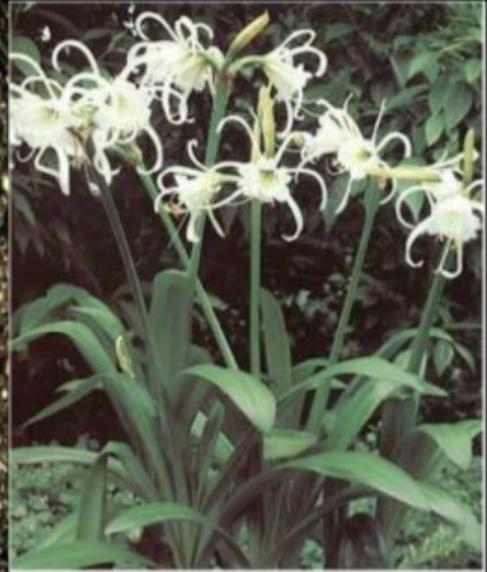








# Moon Gardens





# Thank You!



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