

COPE
Community Outleach 6.
Policed Empowement

FOOD ACCESS PROGRAM

Food Is Medicine

- Healthy Navajo Stores Initiative (HNSI)
- Navajo FVRx Fruit & Vegetable Prescription Program
- ❖ Growers' Initiative
 - ➤ Farm to School/ECE
 - > "Grow the Growers"



What are
Frost
Dates...?

...the average date
of the last light freeze
in spring or the first
light freeze in fall.

It is a way to classify
freeze temperatures,
based on their
effect on plants.

FIRST AND LAST FROSTS

2008

AVERAGE
PREST FROST

AVERAGE
LAST FROST





Light freeze

29°F to 32°F

Tender plants killed, but little damage to other vegetation.

Moderate freeze

25°F to 28°F

Most vegetation affected, with heavy damage to fruit blossoms as well as to tender and semihardy plants.

Severe freeze

24°F and colder Damage to most plants.

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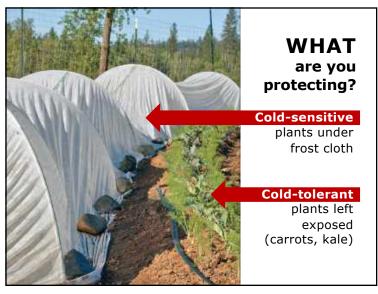
Tuba City, AZ
Average LAST Spring Frost = April 25
Average FIRST Fall Frost = October 24

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11 12



Likely damaged by
LIGHT FROST
29-32 degrees F

beans
corn
cucumbers
eggplants
melons
peppers
pumpkins (plants)
summer squash
tomatoes
watermelon
winter squash
(plants)



Can handle

HARD FROST

25-28 degrees F

> broccoli

> Brussels sprouts

> cabbage

> greens: collards,
 kale, mustard

> onions & leeks

> parsley

> peas

> radishes

> spinach

> turnips



Lemon Marigold ... nope Thai Basil... nope Lemon Thyme ... YES

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STRATEGIES: Short Term vs. Long Term **Shortest Term =** Plant cold-hardy varieties, save seeds from these PROBLEMAN ORGANI SEED Seed Savers Miss Penn's Mountain Seeds

19 20



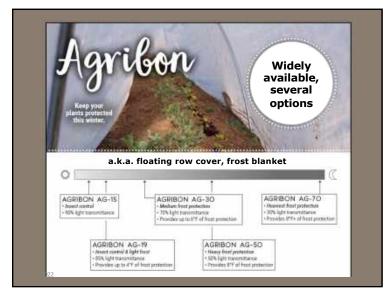


Short Term:
MULCHING SAVES LIVES
Leaves, straw, pine needles, etc.

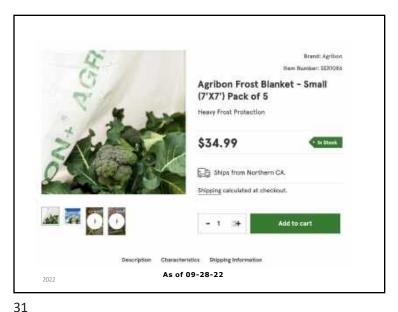


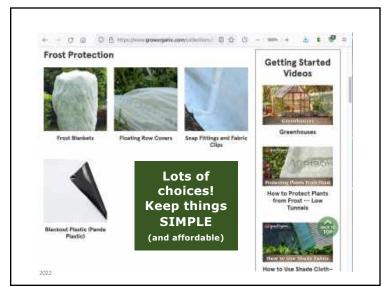




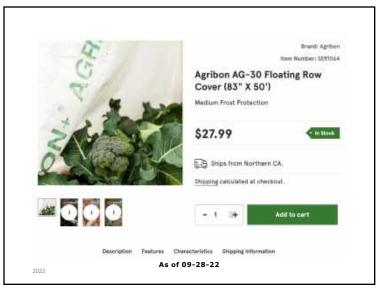














Agribon Floating Row Cover Widely used for first protection on citrus, strewberries, segetables and nursery atock, it also comerces water by reducing AG-30 is a medium weight cover, 10.9 or per sq yd.) 70% light transmittance . Frovides up to 6°F of frost protection . Warms the soll and is a good post barrier . Conserves water by reducing evaporation Find more information on selecting the right Agribon for your garden or ferm in our resource center. Agribon^{to} rowcovers are high quality spun-banded polypropylene and have all the qualities of other branch, plus seems double-bonded for ultra-strength, while being more effortable. These fleating reseasors increase yields, prolong sessors, reduce self-ension, protect against fruit, speeds up germination, minimizes wind damage, conserves soli moisture, deters insects and birds and protects against extreme temperatures. in addition, Agribon offers a 7-year Amited warranty against premature UV breakdown, it is similar to other rowcovers but generally larger testing. UV stabilizers increase expected field life to 2 to 3 seasons. As of 09-28-22 2022

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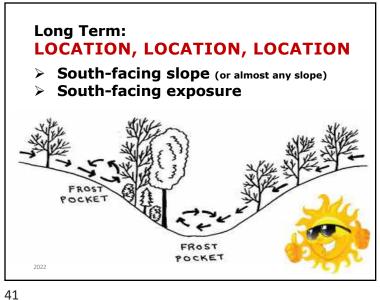
AgFabric Plant Cover

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Long Term: Develop Infrastructure

39 40



Long Term:
LOCATION, LOCATION part 2 Plant next to a wall **Build a rock wall** Build a raised bed out of rocks Or just include rocks in your design... stepping stones

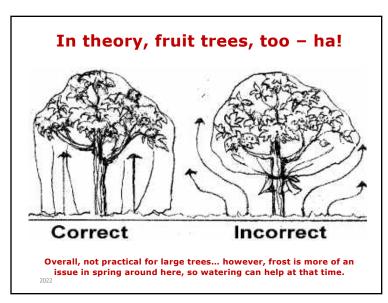
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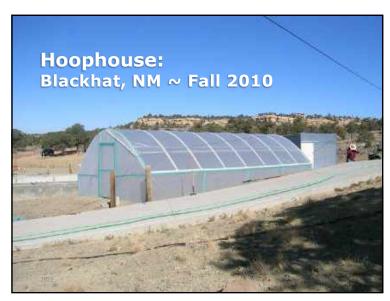
Hoophouse/ Greenhouse **Considerations**

In General:

- > Wind
- > Snow load
- Wind
- > Hail
- > Wind
- Monsoons
- > Wind

47 48









To plant a garden is to believe in tomorrow. Audrey Hepburn

