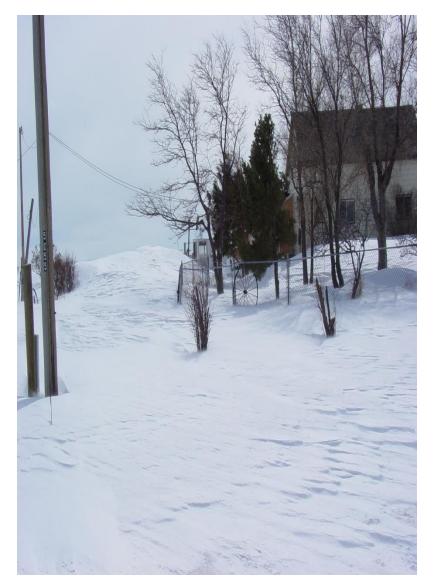
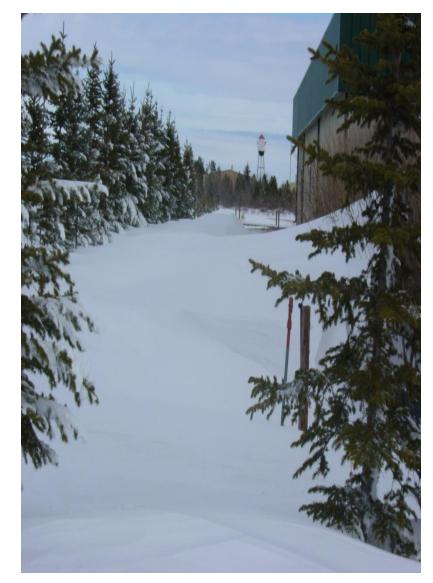
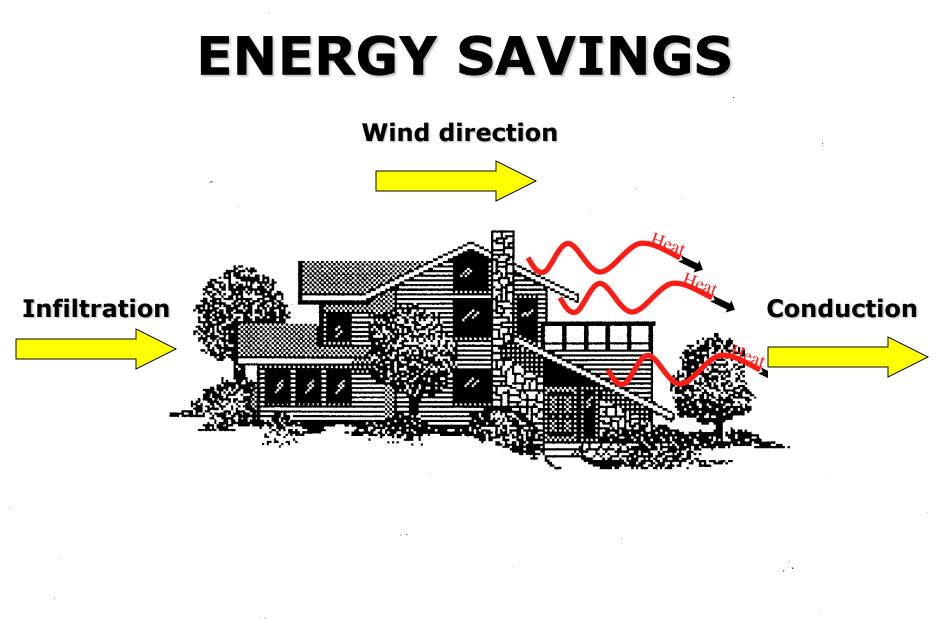
## **WONDERFUL WYOMING**







# WHY DO WE PLANT TREES...



#### **Snow Control**

11.

#### Wind Protection



CARCELLE (CARCELLE)

CARDON CHER



# L Ι VESTOCKPROTEC T I O N



#### **CROP PROTECTION**



### WILDLIFE HABITAT





#### BEAUTIFICATION







#### RECREATION



# **Pollinator Habitat**





#### WINDBREAKS FOR SNOW AND WIND CONTROL



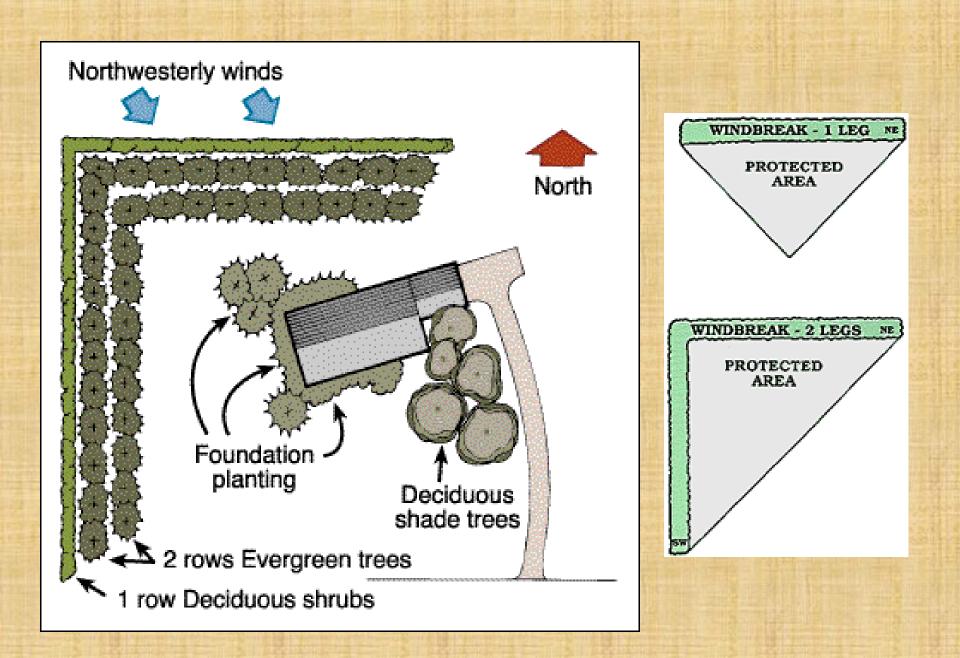
## **DESIGNING A WINDBREAK**



#### YOU CAN CAREFULLY CALCULATE THE AMOUNT OF WIND PROTECTION AND SNOW STORAGE FOR EACH SITE

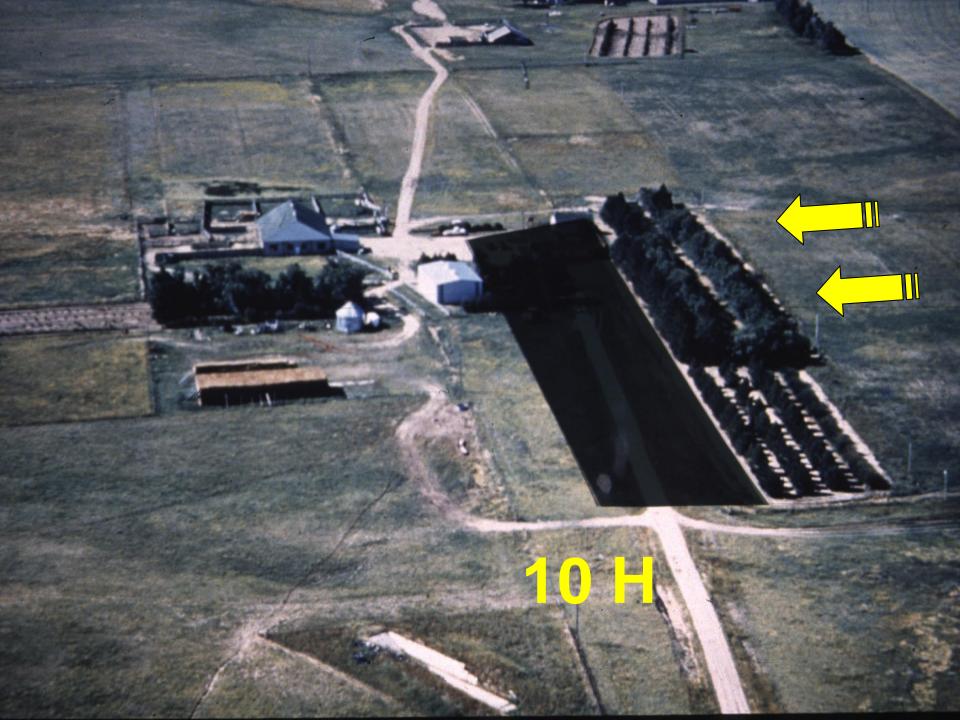
## **DESIGN CRITERIA**

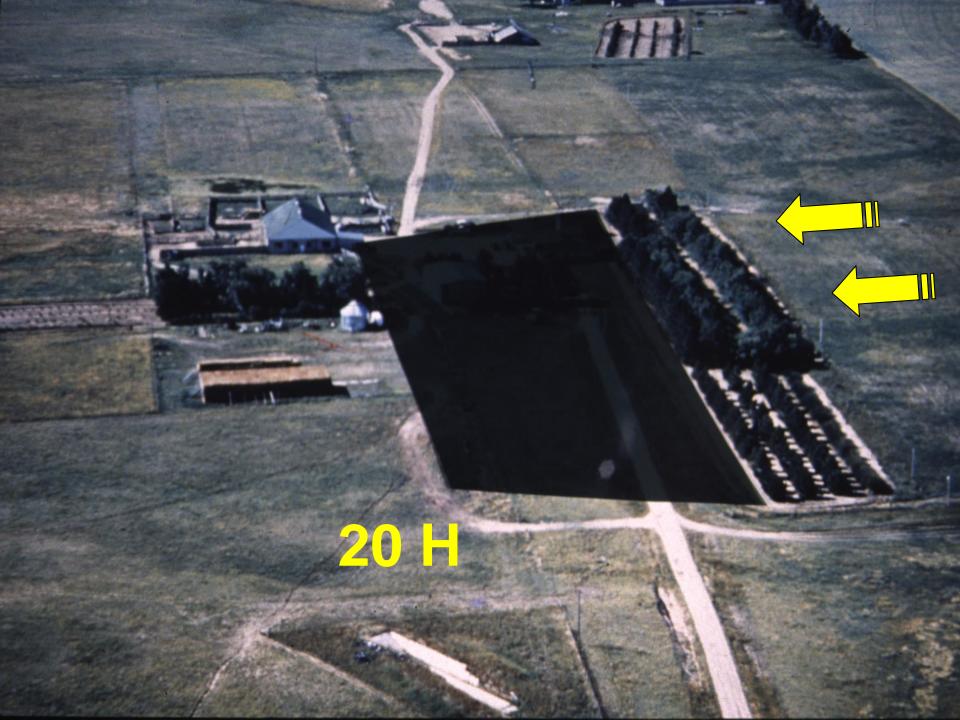
- 150 feet away from the prevailing wind sides of buildings, driveways, or roads with outside row of windbreak
  - 40 to 60 feet from roads or driveways from perpendicular rows
    - 50 feet past object of protection
      - 50 feet away from leach field
        - Utility easements
        - Check fetch distance

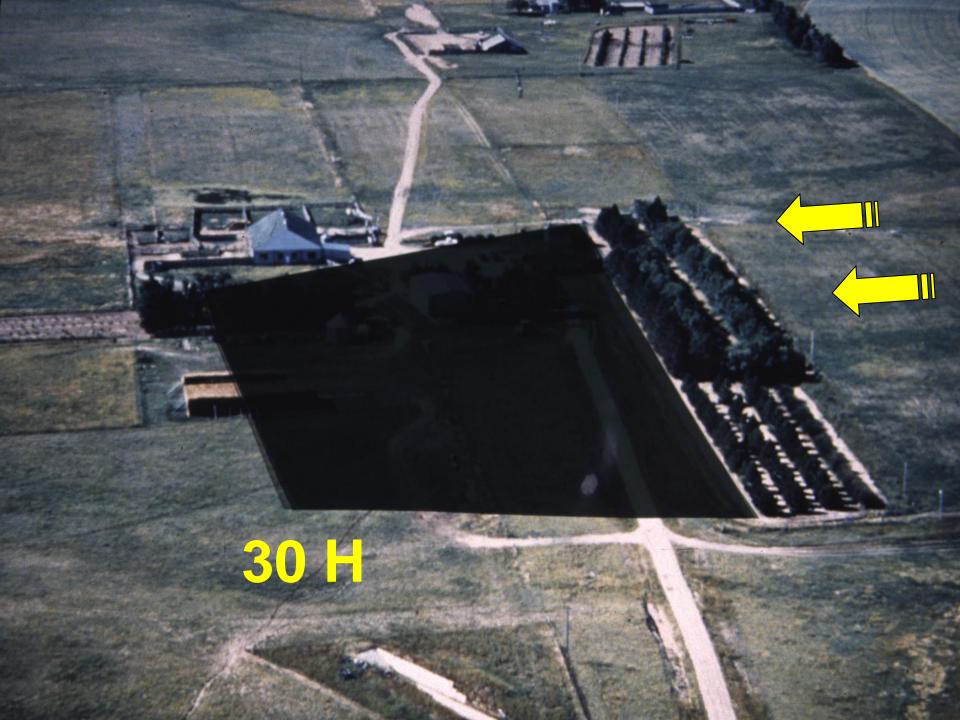


HOW A WINDBREAK FUNCTIONS





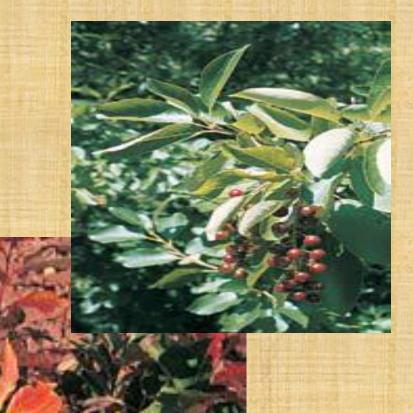




## **SPECIES SELECTION**

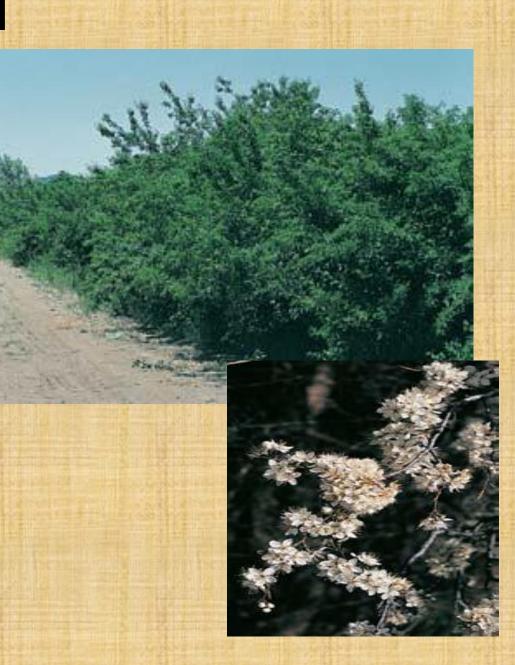
- soil type
- water availability
- topography
- wildlife value
- purpose of tree planting
- climate and elevation

#### **CHOKECHERRY**



#### **NATIVE PLUM**









# COTONEASTER



## ROCKY MOUNTAIN JUNIPER



# EASTERN RED CEDAR



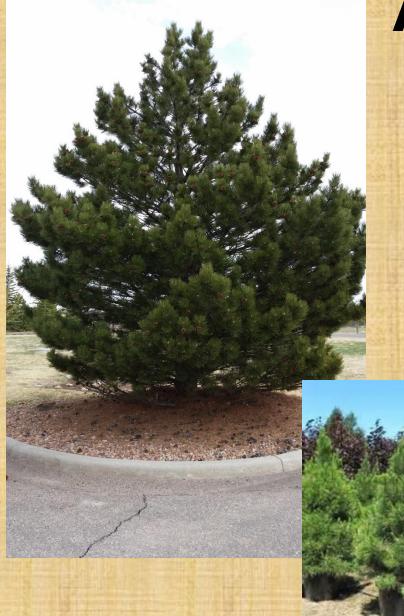


#### PONDEROSA PINE





#### **AUSTRIAN PINE**





#### **COLORADO BLUE SPRUCE**

## IMPORTANCE OF QUALITY SITE PREP

THE A LE STOR

105A

#### LIVESTOCK EXCLUSION FENCE

# PLANTING SEEDLINGS



### TREE DANCE OR STEPPING IN THE TREES





**IMPORTANCE OF MAINTENANCE**  weed control watering insect and disease control pest control tree protection from wind fabric inspection

### **WEED CONTROL**



#### MECHANICAL

#### **FABRIC MULCH**



## MOWING

### ANIMAL DAMAGE CONTROL

### WIND PROTECTION



### INSECT AND DISEASE CONTROL

#### WHAT DOES TENDER LOVING CARE MEAN TO A TREE?



#### TENDER LOVING CARE TO A TREE IS...

**10 GALLONS OF WATER** PER INCH OF **DIAMETER PER WEEK DURING THE SUMMER 10 GALLONS OF WATER** PER INCH OF DIAMETER PER MONTH DURING THE WINTER

"My grass is green so my trees are getting enough water"

**Grass roots in the first few inches Trees root in the top 12 to 18 inches** 

Grass needs frequent light watering Trees need less frequent heavy watering

Trees are generally poor competitors for water compared to grass

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# Questions??