OLD CELLAR
VINEYARD
MECHINIZATION

GARY THOMPSON
Harvesting

- Time and Labor!
  - Replace 20-40 Pickers
  - Scheduling

- Does not damage vines
  - Operator error
  - Machine out of adjustment
Harvesting Cont.

- Dependable deliveries
- Refrigerated truck
Harvesting Cont.

• Effective Harvest
  • Mainly berries
  • Berries in good condition

• Wineries
  • Less stems and leaves
  • A little more juice
Harvesting Cont.

- Justify cost
  - Spread over several acres
  - Partners

- Maintenance
Net Application and Retrieval

- Hydraulic powered net machine
  - Tractor or skid loader
- 1-3 People
- Efficient
  - Vs. rolling nets by hand
  - Vs. bagging nets
Nets Application and Retrieval Cont.

- Spools
  - Ease of handling
  - Stack to store

- 16” to 18” wide nets
  - 17 miles of nets each year
  - 20 years expected
Trimmer Hedger

- Cut excess growth
  - Sun to the fruit
  - Easier access to rows
- Stresses the plants
  - Apply nutrients for healing
- “Plant health is King”
Trimmer Hedger Cont.

- Leaf Fan
  - Easy method of thinning leaves
  - More cost effective
  - Efficiency of using existing machine
Weed Badger

- Weed control
  - New/young plants with no chemicals
  - Cleans without harming the plants

- Soil
  - Tilled and aerated
Weed Badger Cont.

- Brush
  - Low Cost Attachment
  - Remove cuttings
    - Get rid of diseases
UNL Field Day

- More information about our machines and irrigation system
- July 16, 2016
- Arapahoe, NE
Thank You!