

# 150% Lamb Crop Challenge

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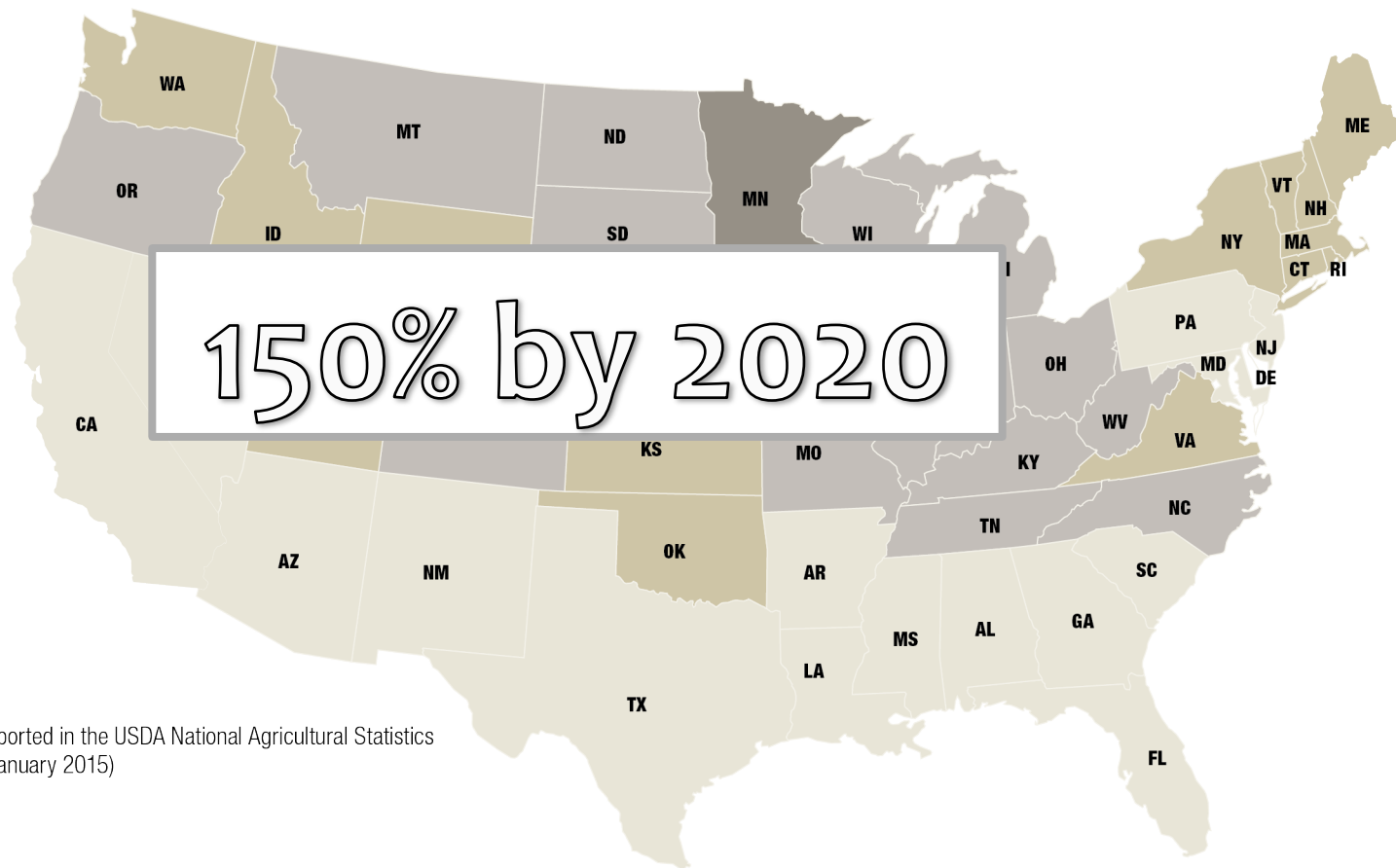
TEXAS A&M  
**AGRILIFE**  
EXTENSION

# Current Lamb Crop

111% National Average

## Lamb Crop Percentages by State

- Less than 100%
- 100- 124%
- 125-149%
- 150-175%



150% by 2020

Based on lambs per 100 ewes as reported in the USDA National Agricultural Statistics Services Sheep and Goats Report (January 2015)



Breed Ewe  
Lambs 7- 9  
Months of  
Age

Select for  
Prolific  
Genetics

Use Cross-  
breeding

Optimal  
Nutrition

Cull Under-  
performing  
Ewes

Accelerate  
Lambing  
Cycles

Reduce  
Lamb Loss

Manage  
Seasonal  
Changes in  
Reproduction



## 12 LAMB CROP BEST PRACTICES

Test for  
Pregnancy  
Status

Test  
Rams

Match  
Reproduction  
to Mgmt

Disease  
Prevention  
and  
Treatment

# 150% LAMB CROP CHALLENGE

## ◉ Lets Grow Grant

- ◉ Texas A&M AgriLife & Producers Marketing Coop Inc.

- ◉ 6 Cooperators Agreed to Implement 3 Best Practices

- ◉ Highlight 3 Ranches

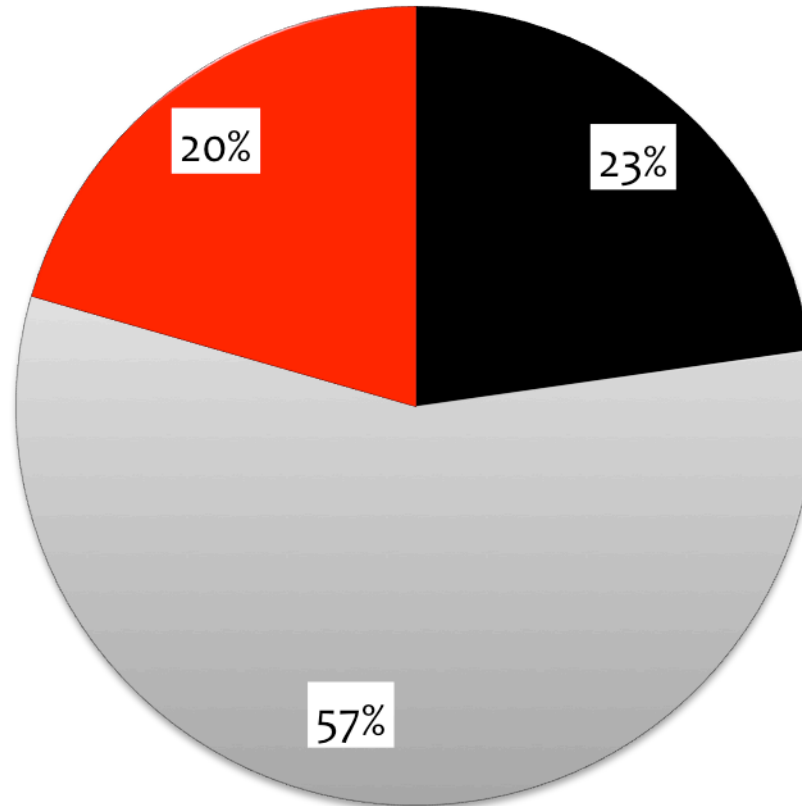
# David Fisher - HF4



# David Fisher - HF4

© All Ewes - 2016

Pregnancy

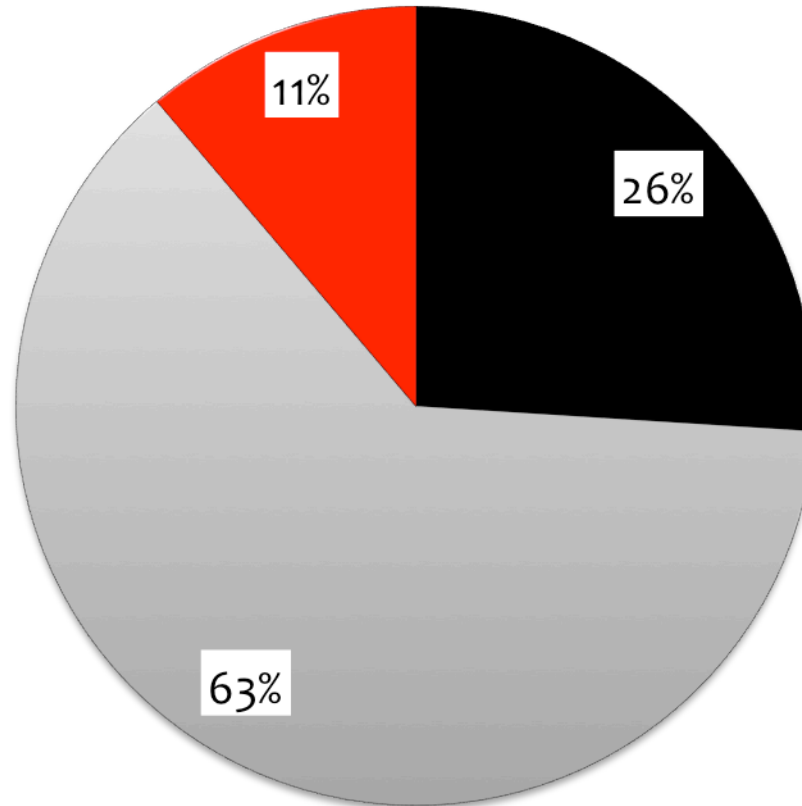


- Twin
- Single
- Open

# David Fisher - HF4

⦿ Mature Ewes - 2016

Pregnancy

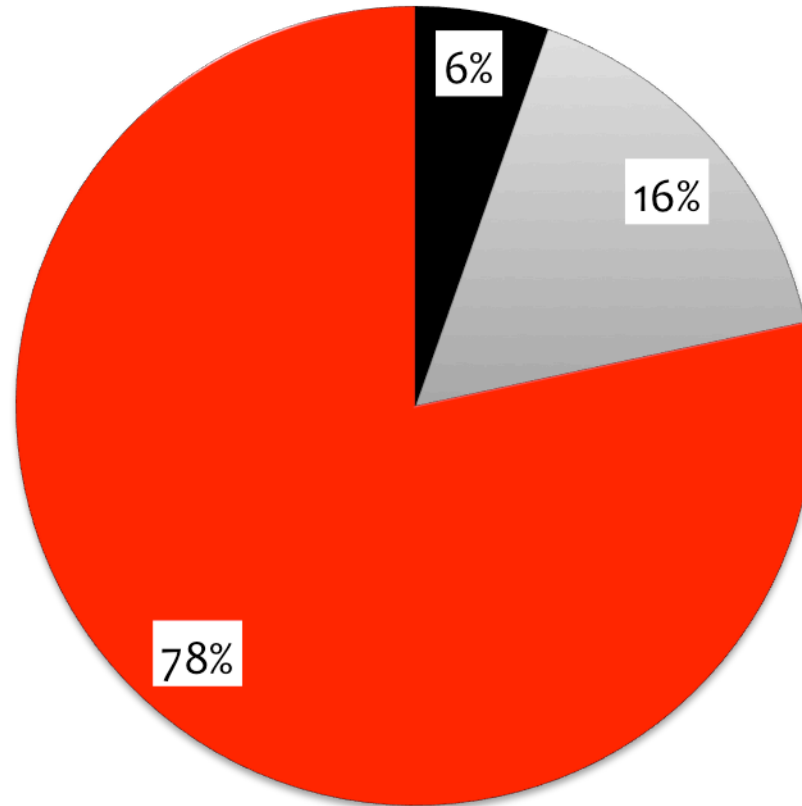


- Twin
- Single
- Open

# David Fisher - HF4

⊙ Ewe Lambs - 2016

Pregnancy



■ Twin  
■ Single  
■ Open



# David Fisher - HF4

- ◉ Lamb Crop - Marking
  - ◉ Twins - Winter Supplementation
    - ◉ Pasture 1 - 83 ewes
      - ◉ 116 lambs on 86 ewes = 135%
  - ◉ Single
    - ◉ Pasture 2 - 107 ewes
      - ◉ 81 lambs on 96 ewes = 84%
      - ◉ Known Predator Problems
    - ◉ Pasture 3 - 100 ewes
      - ◉ 89 lambs on 83 ewes = 107%

**40% Increase  
in Lamb Crop**

# David Fisher - HF4

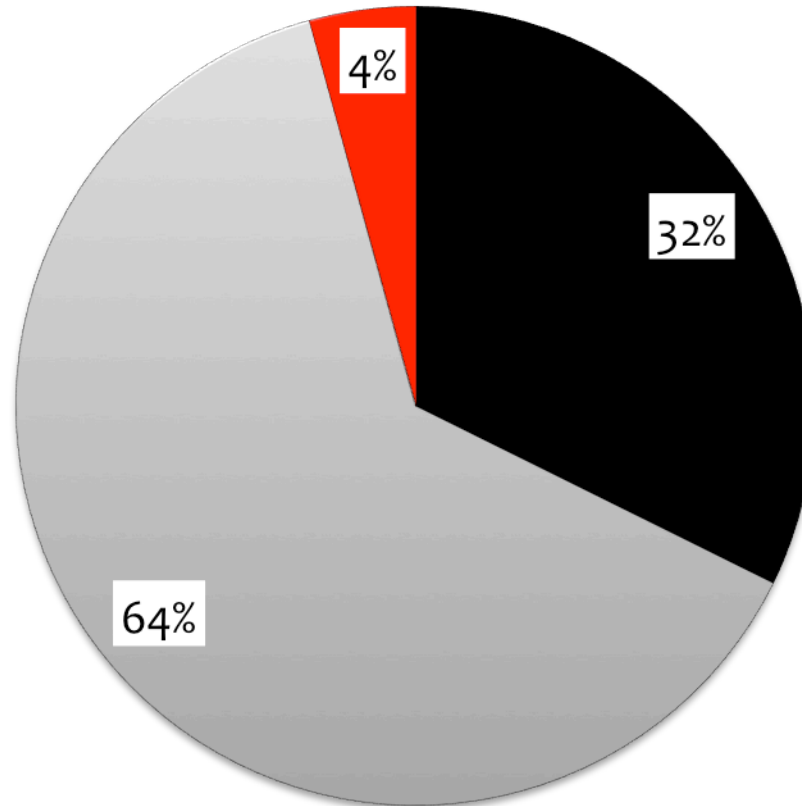
- ◉ Genetic Selection
  - ◉ Replacement Ewe Lambs - Twin Pasture
  - ◉ NSIP - Ram Purchases
    - ◉ Texas Sheep & Goat Expo
      - ◉ 1 Ram
        - ◉ 8.5% NLB EBV
    - ◉ Montana Ram Sale
      - ◉ 2 Rams
        - ◉ 15.7% NLB EBV
        - ◉ 14.2% NLB EBV



# David Fisher - HF4

© All Ewes - 2017

Pregnancy

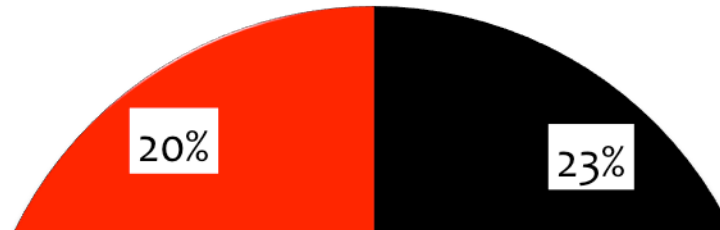


- Twin
- Single
- Open

# David Fisher - HF4

© All Ewes - 2016

Pregnancy



48% of Ewes that Scanned with Twins in 2016; Scanned with Twins in 2017

- Twin
- Single
- Open

# David Fisher - HF4

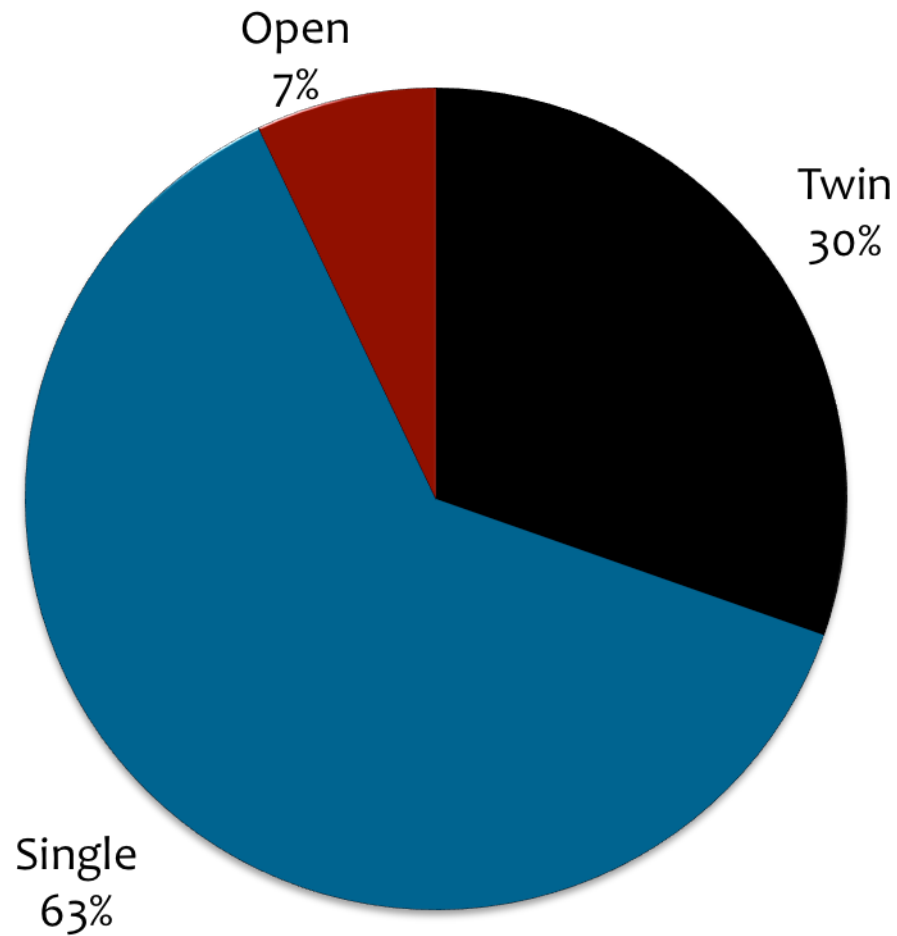
- ⊙ Lamb Crop - Marking
  - ⊙ Twins - Winter Supplementation
    - ⊙ 116 lambs on 106 ewes = 110%
    - ⊙ Known Predator Problems
  - ⊙ Single
    - ⊙ 183 lambs on 208 ewes = 88%

**22% Increase  
in Lamb Crop**

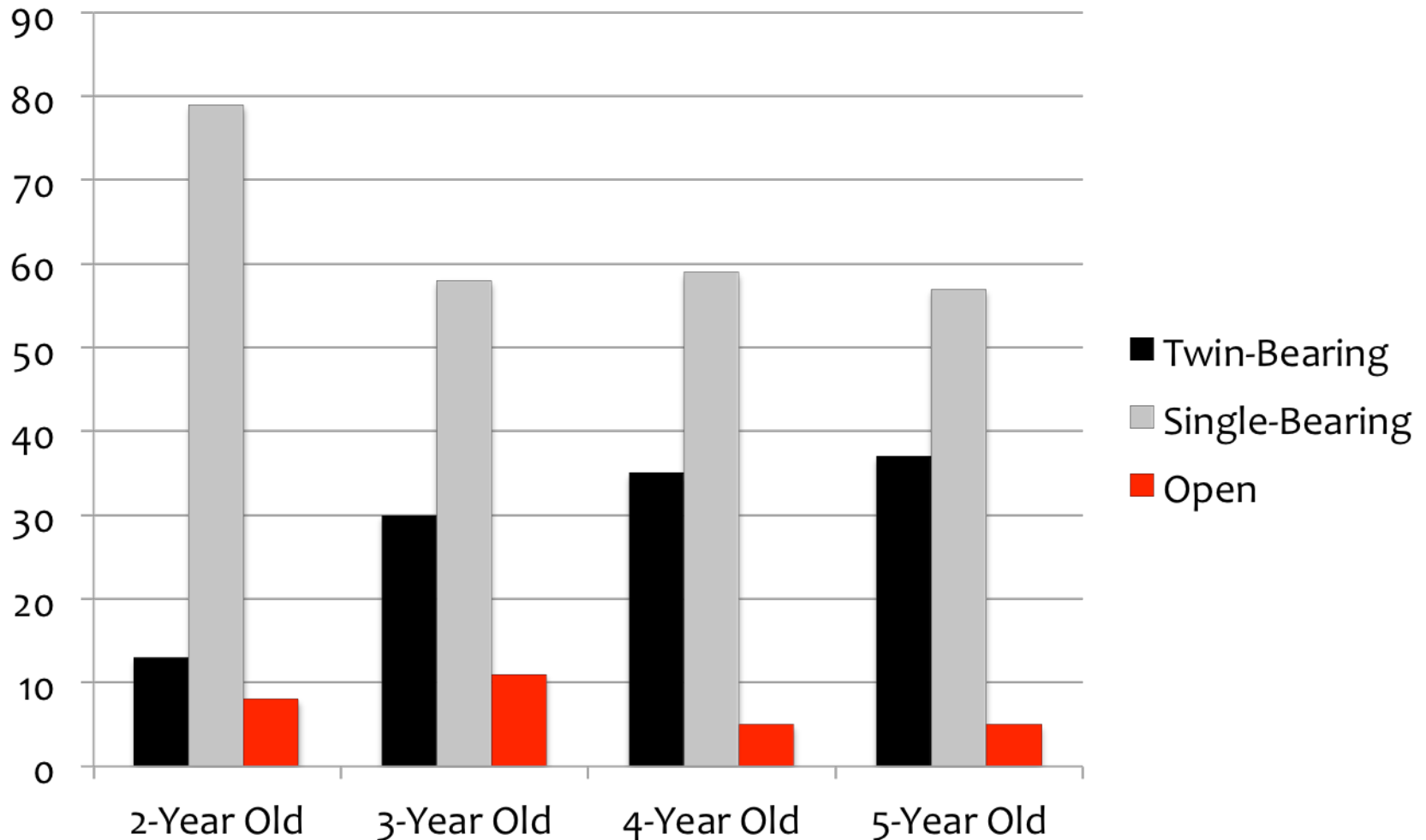
# Coke County Ranch



# 2016 Scanning Data



# Pregnancy Rate by Age Group



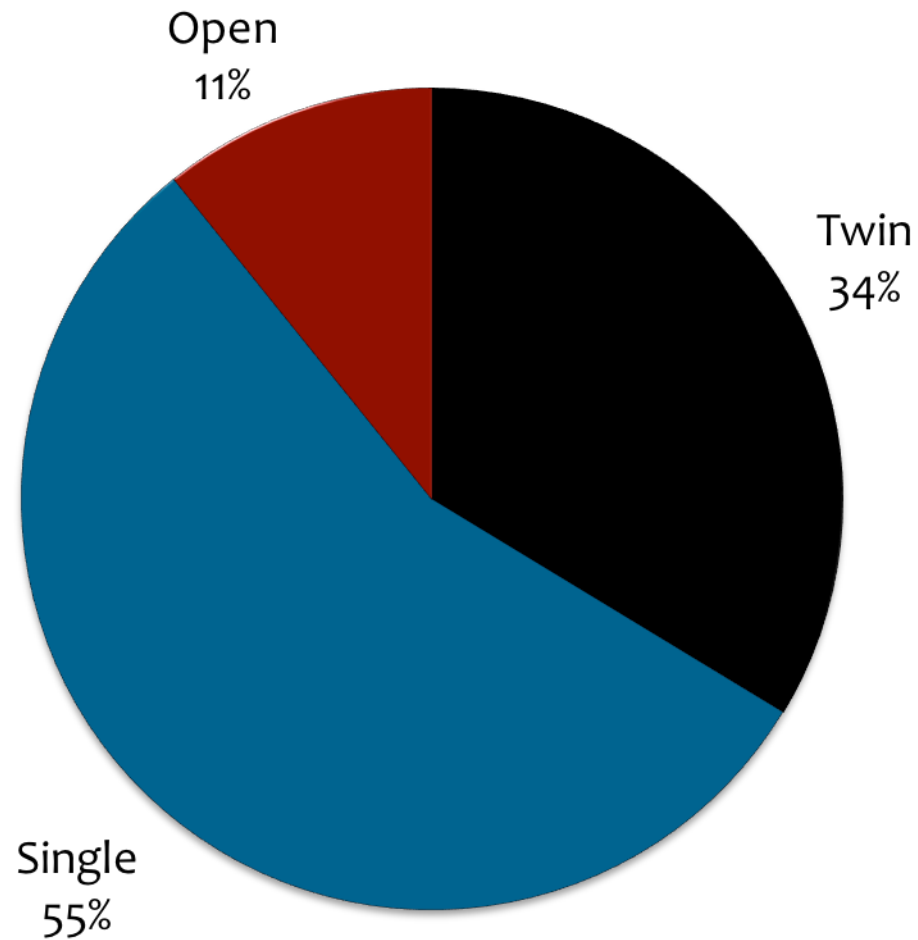


# Coke County Ranch

- ⊙ Lamb Crop - Marking
  - ⊙ Twins - Winter Supplementation
    - ⊙ Pasture 1 - 270 ewes
      - ⊙ 320 lambs on 262 ewes = 121%
  - ⊙ Single
    - ⊙ Pasture 2
      - ⊙ 250 lambs on 295 ewes = 85%

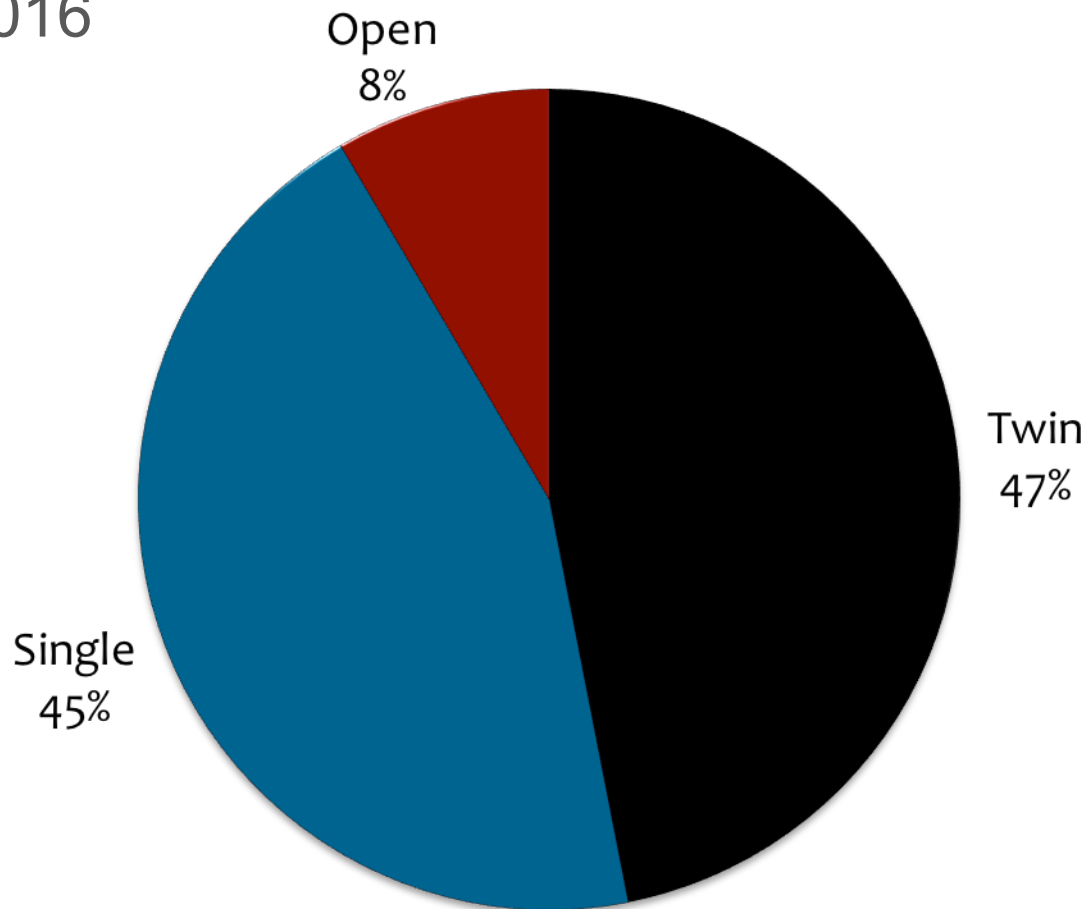
**42% Increase  
in Lamb Crop**

# 2017 Scanning Data



# 2017 Scanning Data

© Twins - 2016



# 2017 Lamb Crop

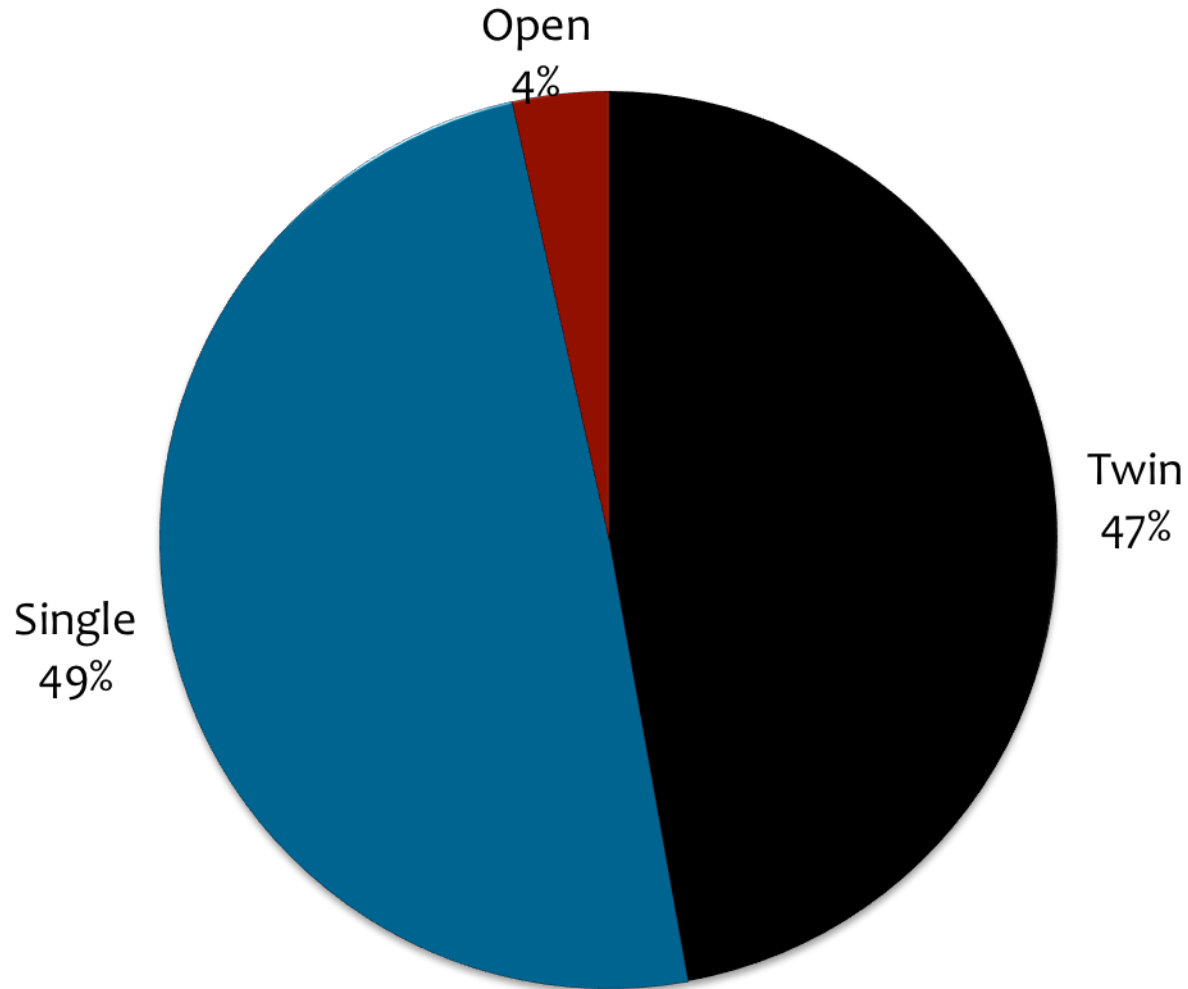
- ⦿ Marking
  - ⦿ Twins
    - ⦿ 120% lamb crop
  - ⦿ Single
    - ⦿ 94% lamb crop

27% Increase  
in Lamb Crop

# Hillingdon Ranch - Giles Family



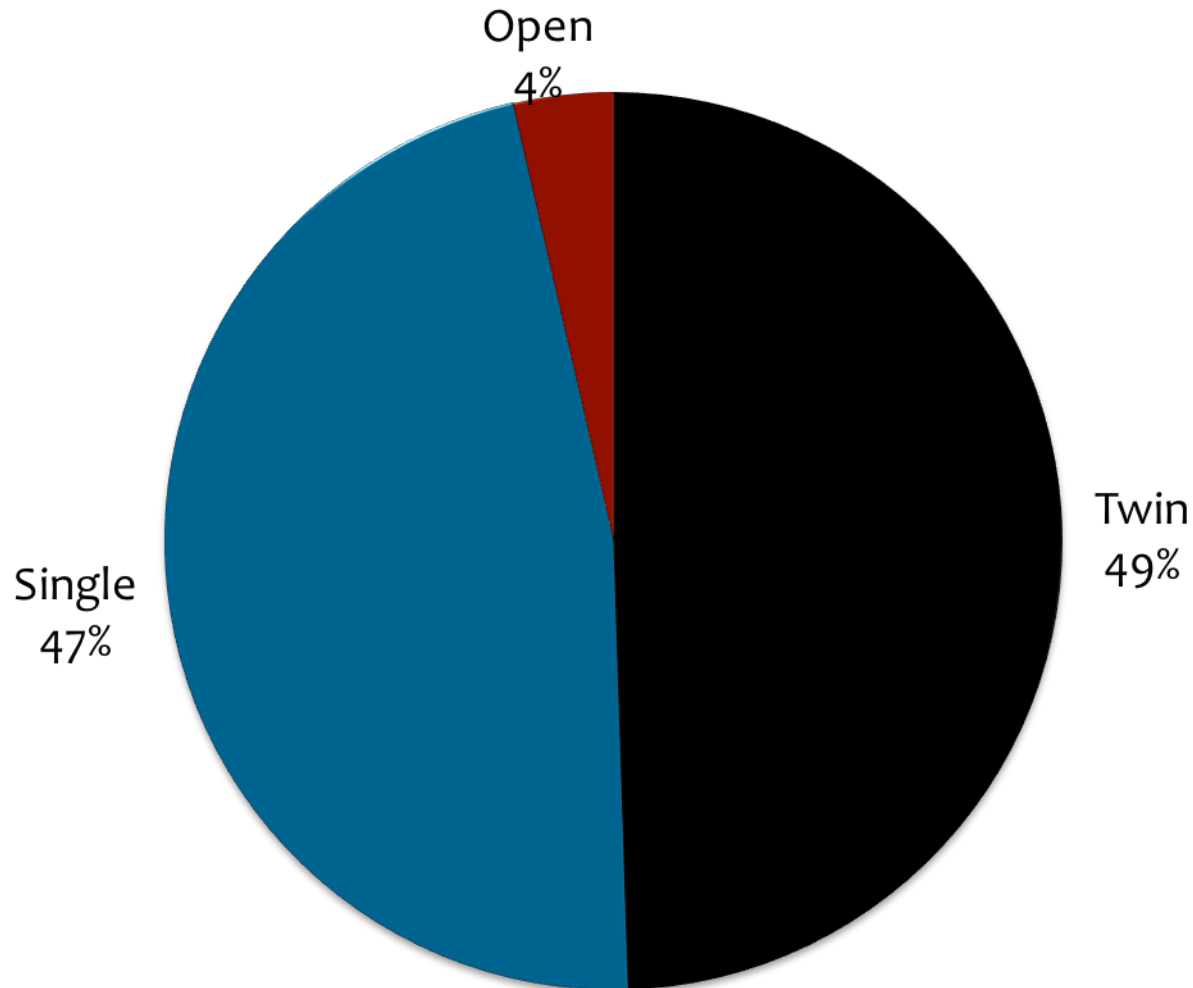
# Hillingdon - 2016 Scanning Data



# Giles Family - Hillingdon Ranch

- ⦿ Lamb Crop - Weaned
  - ⦿ 125% Lamb Crop - Total
    - ⦿ Estimated 175% lamb crop in twin pasture

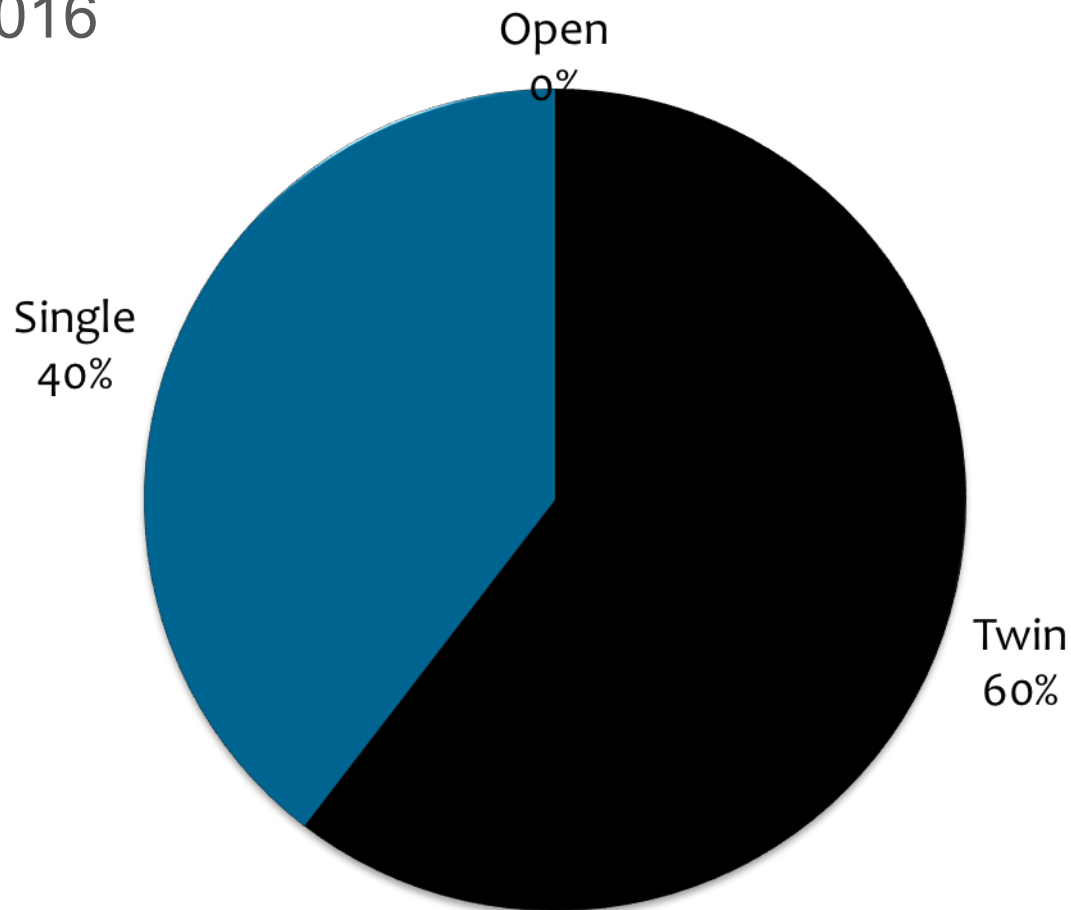
# Hillingdon - 2017 Scanning Data





# Demere - 2017 Scanning Data

© Twins - 2016



# Giles Family - Hillingdon Ranch

- ⦿ Lamb Crop - Weaned in 2018
  - ⦿ Twin Pasture
    - ⦿ 175% Lamb Crop
  - ⦿ Single Pasture
    - ⦿ 89% Lamb Crop
  - ⦿ Total
    - ⦿ 140% Lamb Crop

96% Increase  
in Lamb Crop

# Summary

- ◎ 150% Lamb Crop is Attainable
  - ◎ Goal to Increase Lamb Crop
  - ◎ Use Multiple Methods
    - ◎ Pregnancy Scan
    - ◎ Genetics
    - ◎ Nutrition
  - ◎ Require Years of Work
    - ◎ Sheep Generation - 5 years

