

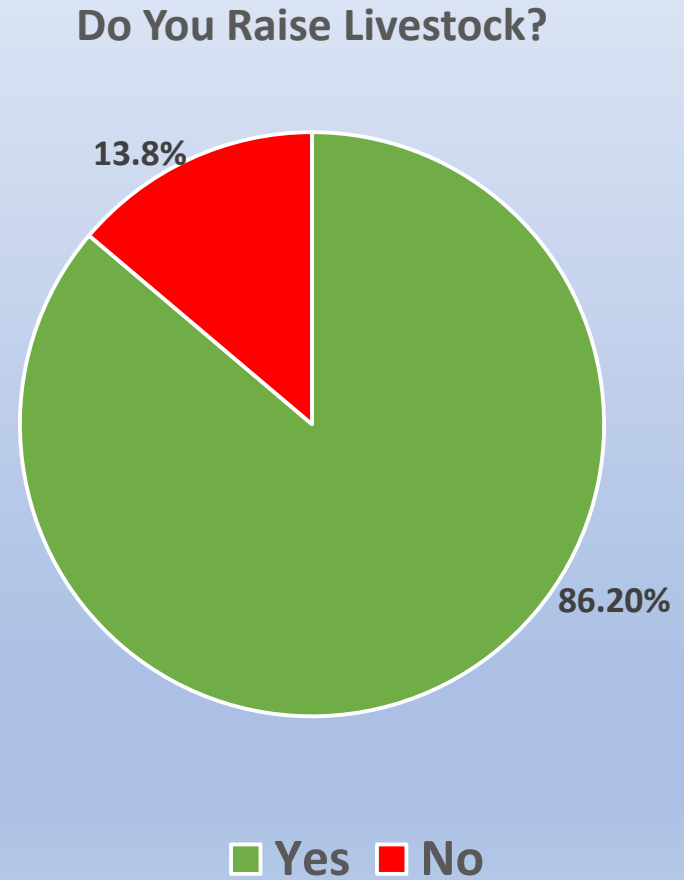
2017 CAFO Producer Survey

June 2017 - Surveys sent by mail to producers identified by 2012 Land Use Survey and those CAFOs Issued Permits

- 247 Surveys sent
- 123 Responses
- Response Rate: 50%
- Confidence Level: 95%
 - This tells you how sure you can be of the error of margin. It is expressed as a percentage and represents how often the true percentage of the population who would pick an answer lies within the margin of error
- Margin of Error: 6.3%
 - This is the plus-or-minus figure usually reported in newspaper or television opinion poll results. For example, if you use a margin of error of 6% and 47% percent of your sample picks an answer, you can be “sure” that if you had asked the question to the entire population, between 41% (47-6) and 53% (47+6) would have picked that answer.

Do you raise Livestock?

- 123 Responses
 - 106 Yes
 - 17 No

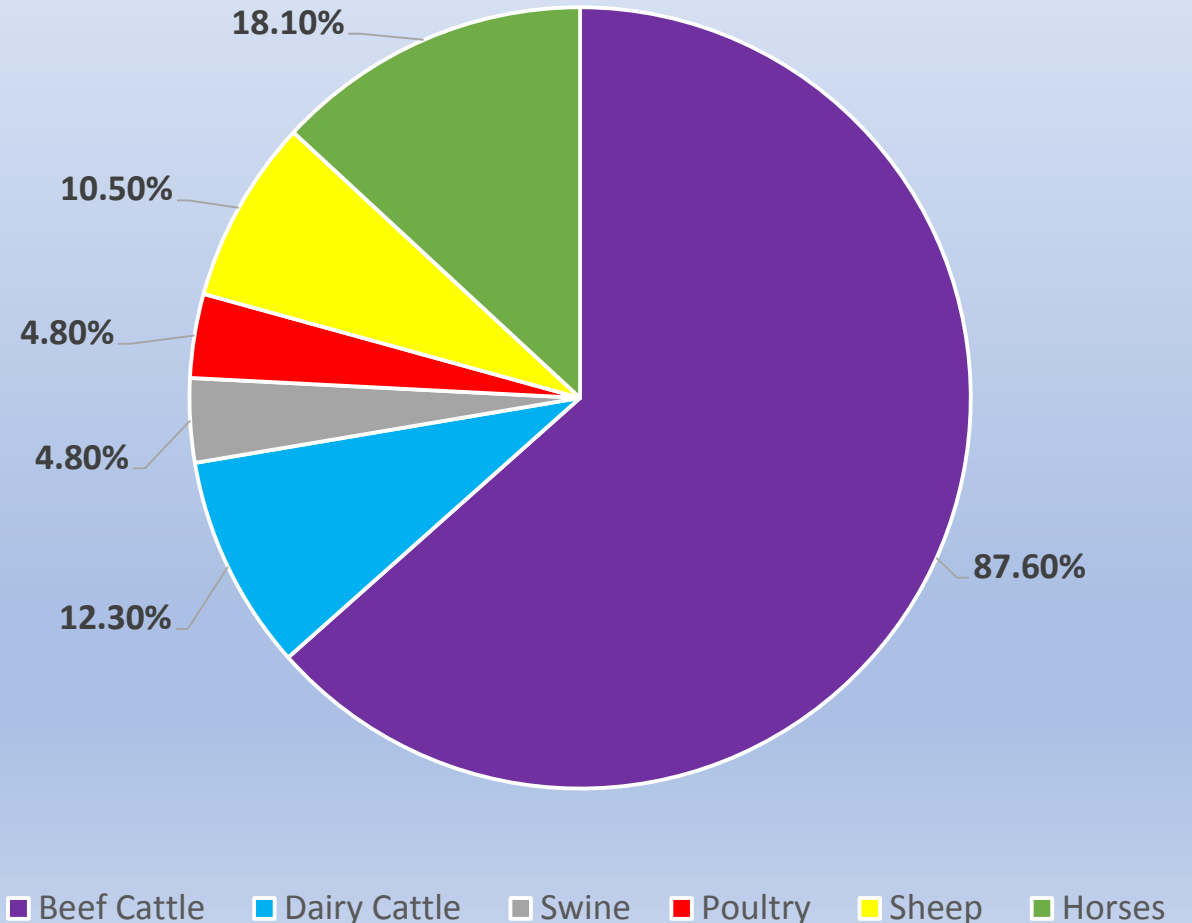


What Type of Animals do you Raise?

- **105 Responses**

- **92 raised Beef Cattle**
- **13 raised Dairy Cattle**
- **5 raised Swine**
- **5 raised Poultry**
- **11 raised Sheep**
- **19 raised Horses**

What Type of Animals Do You Raise?



At any one time during the year how many animals do you raise?

- **106 Responses**

- **72%** have less than 500 animal units or a class 4 operation – currently a permitted use
- **17%** have between 501 and 999 AU or a class 3 operation – currently a conditional use
- **7%** have between 1000 and 1999 AU or a class 2 operation – currently a conditional use
- **4%** have over 2,000 AU or a class 1 operation – currently a conditional use

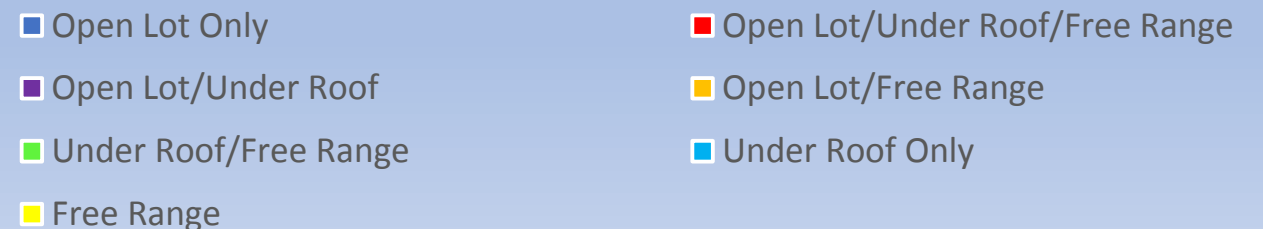
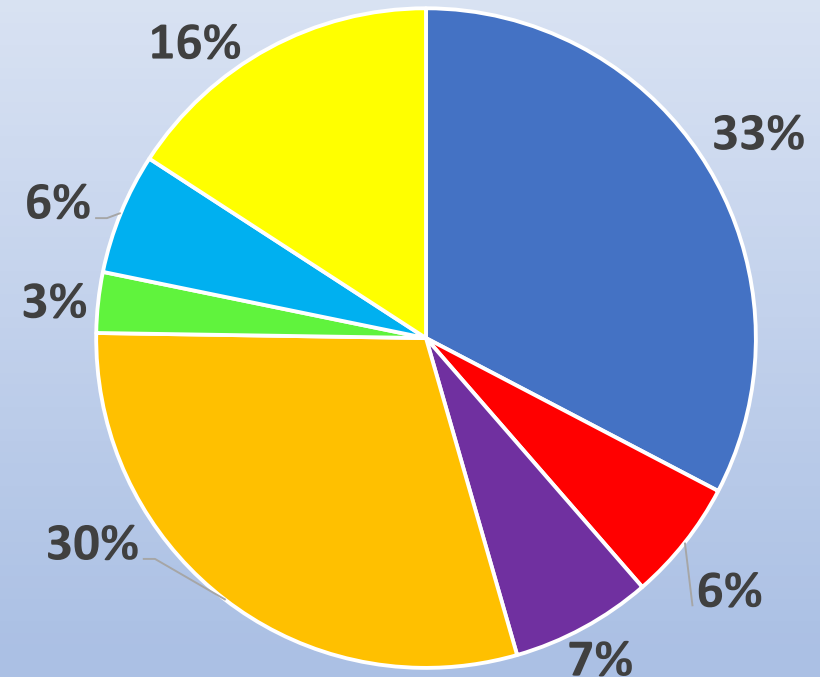
Number of Animals	Number of Responses	Percentage
1 to 100 animals	36	34%
101 to 300 animals	28	26%
301 to 500 animals	13	12%
501 to 999 animals	18	17%
1,000 to 2,000 animals	7	7%
Over 2,000	4	4%
TOTAL	106	

How are the animals confined?

- **106 Responses**

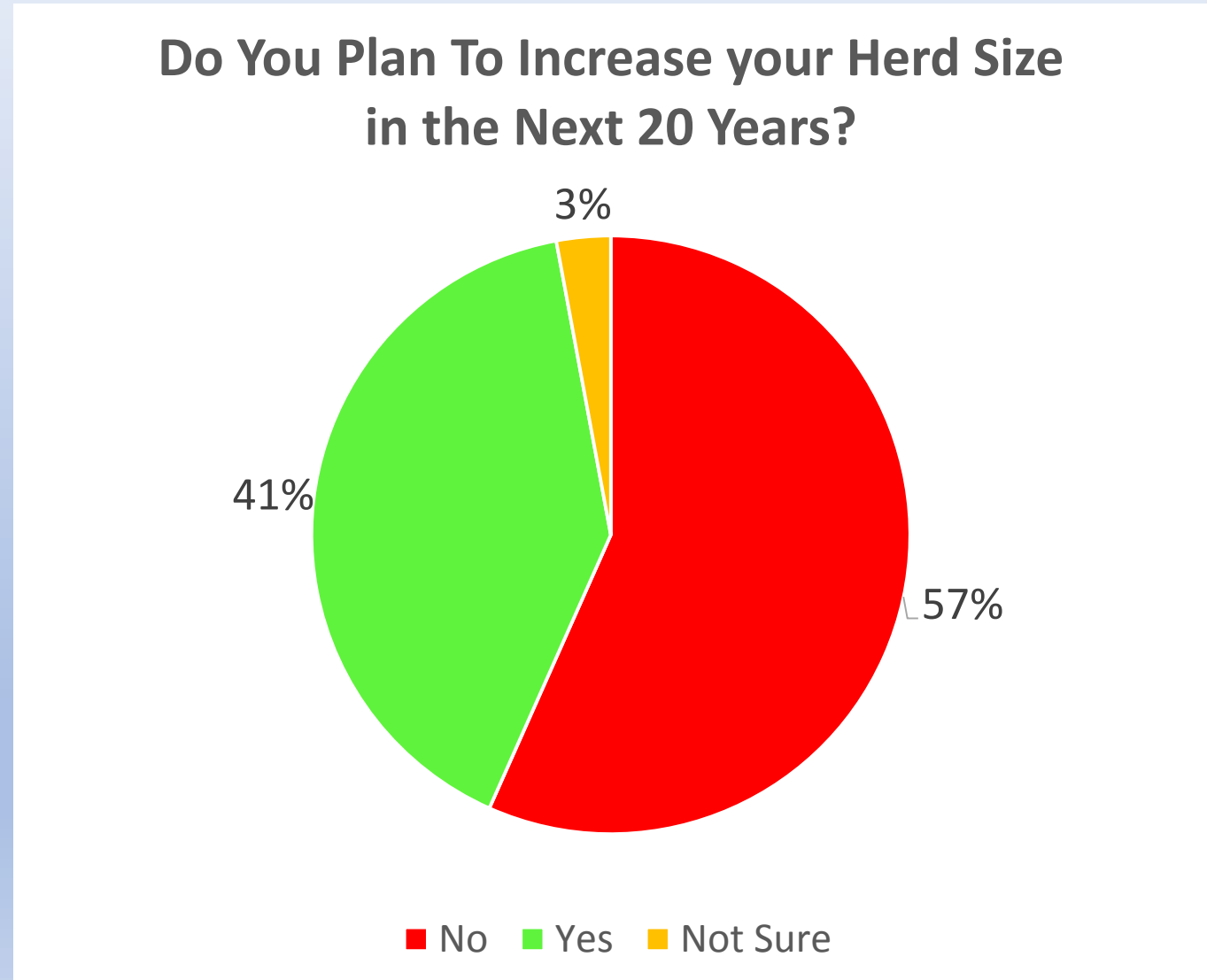
- 35– Open Lot Only
- 6 – Open Lot/Under Roof/Free Range
- 7– Open Lot/Under Roof
- 32 - Open Lot/Free Range
- 3 – Under Roof/Free Range
- 6 - Under Roof Only
- 17 – Free Range

How are the animals confined?



Do You Plan To Increase your Herd Size in the Next 20 Years?

- **106 Responses**
 - 60 - No
 - 43 -Yes
 - 3 – No Opinion



Current operations planning on expanding in the Next 20 years

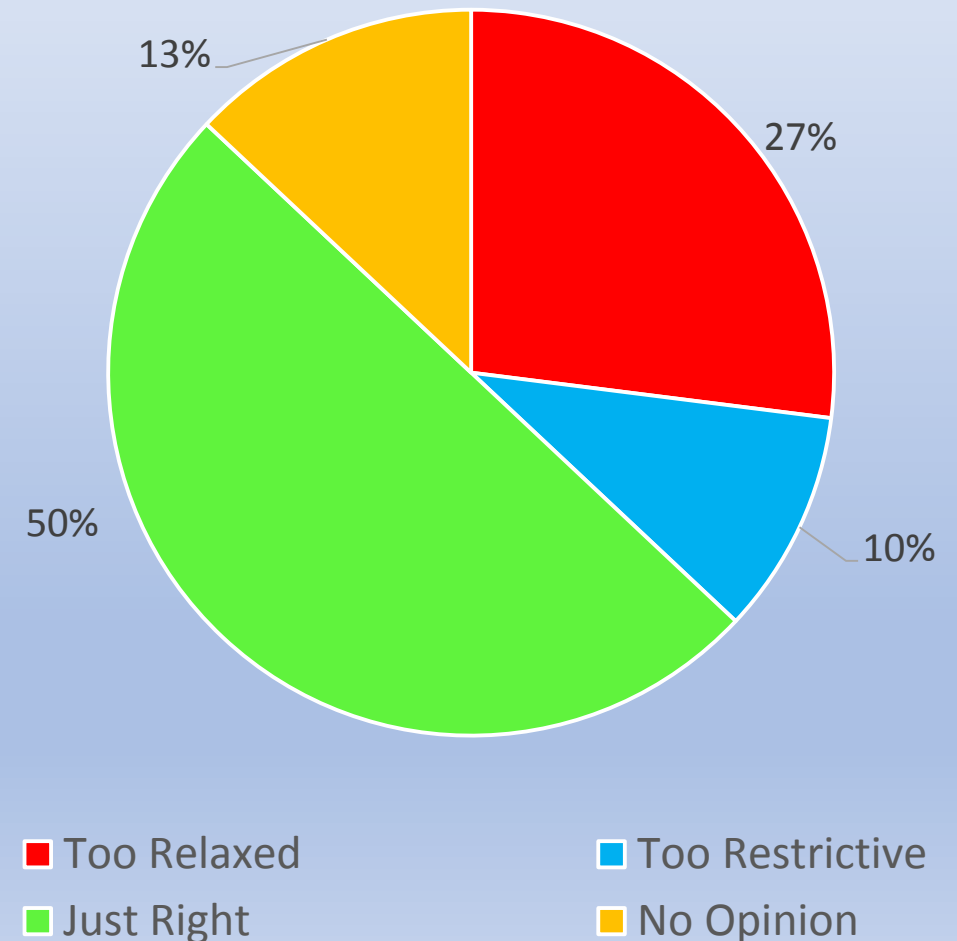
- **41% of all producers plan on expanding**
 - **Under 100 Animals – 22%**
 - **101 to 300 Animals – 36%**
 - **301 to 500 Animals – 54%**
 - **501 to 999 Animals – 67%**
 - **1,000 to 1,999 Animals – 57%**
 - **Over 2,000 Animals – 50%**

Average Size of Expansion over the Next 20 years

- **Under 100 Animals - 22% (15) Plan on Expanding**
 - Range 60 to 2,000
 - Average Expansion - 70
- **101 to 300 Animals - 36% (19) Plan on Expanding**
 - Range 50 to 1,700
 - Average Expansion – 470
- **301 to 500 Animals - 54% (13) Plan on Expanding**
 - Range 200 to 1,000
 - Average Expansion – 490
- **501 to 999 Animals - 67% (23) Plan on Expanding**
 - Range 400 to 9,000
 - Average Expansion – 990
- **1,000 to 1,999 Animals - 57% (8) Plan on Expanding**
 - Range 500 to 3,000
 - Average Expansion – 1,250
- **Over 2,000 Animals - 50% (4) Plan on Expanding**
 - Range 2,000 to 15,000
 - Average Expansion – 2,000

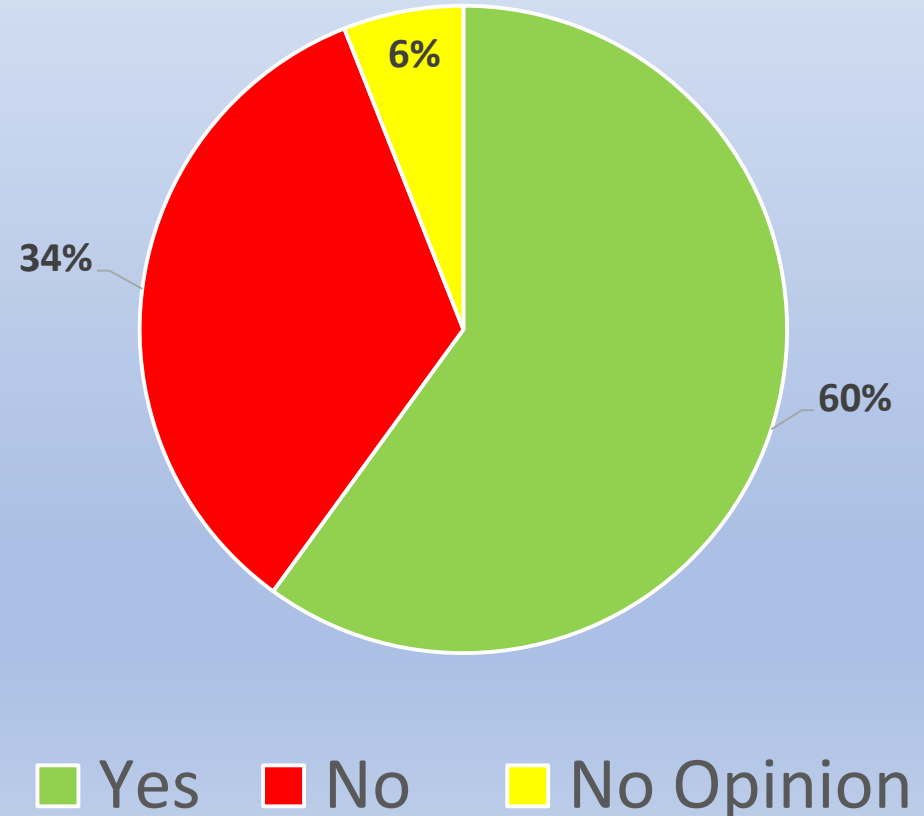
What is your perception regarding Codrington County's existing CAFO regulations?

- **106 Responses**
 - Just Right (53)
 - Too Strict (11)
 - Too Relaxed (28)
 - No Response (14)
- **79% of those that thought the responses were too relaxed raised less than 300 animals**
- **64% of those that thought the responses were just right raised less than 500 animals**
- **46% of those that thought the responses were too restrictive raised more than 500 animals**



Codington County currently requires new and expanding CAFOs over 2,000 animal units to be located at least 1/2 mile from the nearest neighboring house. Is this setback adequate?

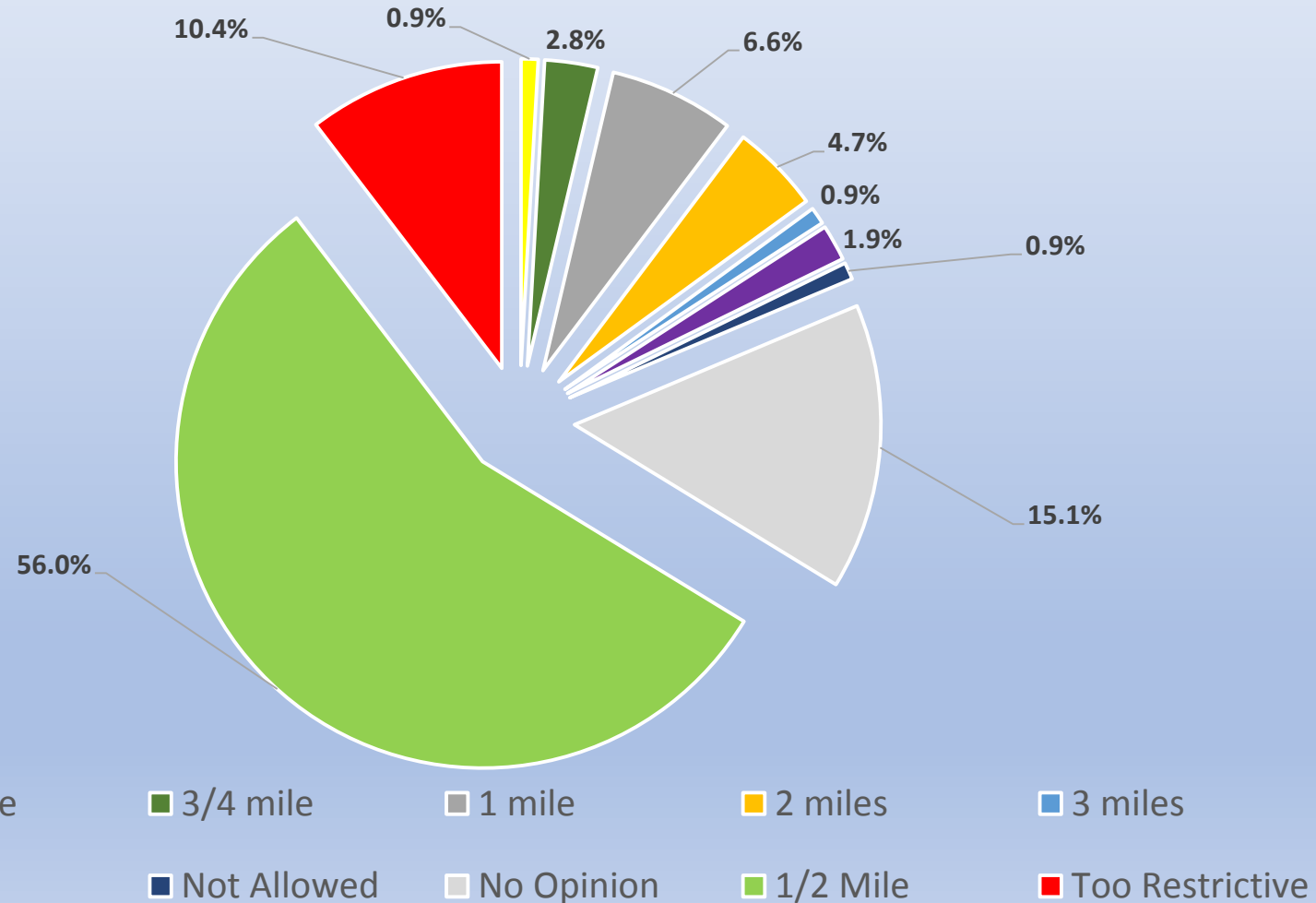
- **106 Responses**
 - 64 - Yes
 - 36 - No
 - 6 – No Opinion



What should the setback be (2,000 Animal Units)?

- 36 Not Adequate Responses
- ½ Mile (6)
- 5/8 Mile (1)
- ¾ Mile (3)
- 1 Mile (7)
- 2 Miles (5)
- 3 Miles (1)
- 5 Miles (2)
- Not Allowed (1)
- No Opinion (10)

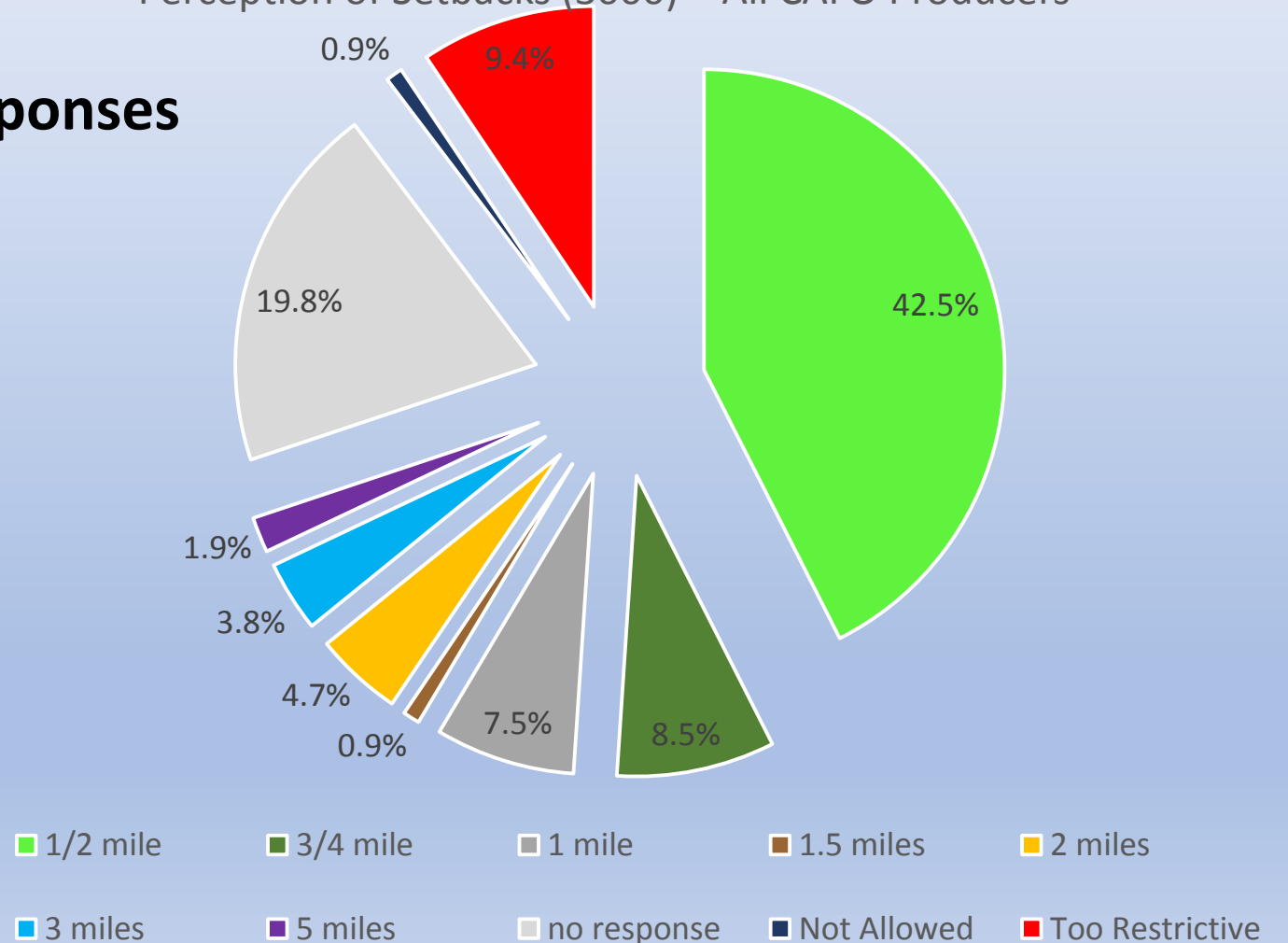
Perception of Setbacks (2000) – All CAFO Producers



What should the setback be (3,000 Animal Units)?

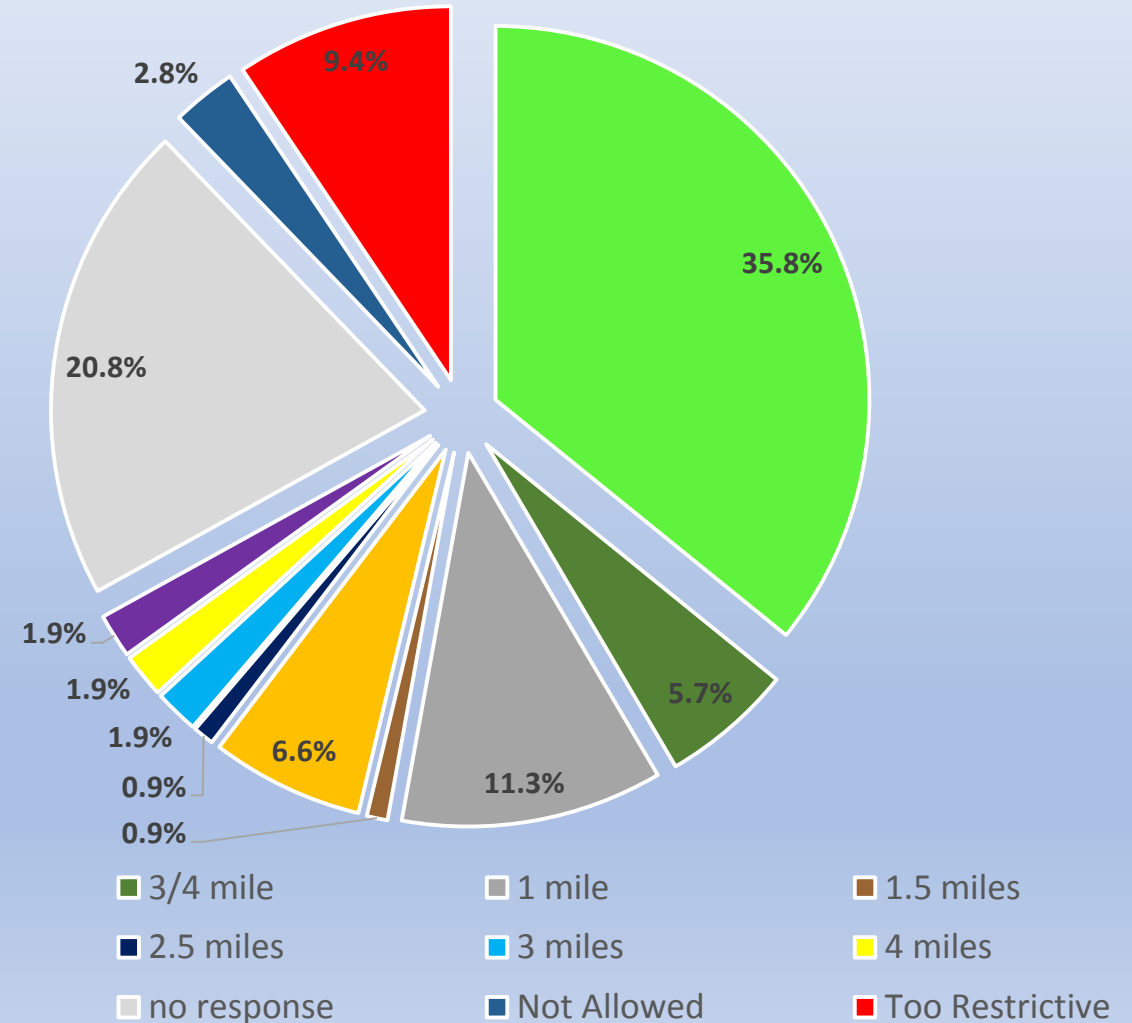
- **36 CAFO Setback Not Adequate Responses**
- **¾ Mile (7)**
- **1 Mile (3)**
- **1.5 Miles (2)**
- **2 Miles (4)**
- **3 Miles (4)**
- **5 Miles (2)**
- **Not Allowed (1)**
- **No Response (13)**

Perception of Setbacks (3000) – All CAFO Producers



What should the setback be (4,000 Animal Units)?

Perception of Setbacks (4000) – All CAFO Producers



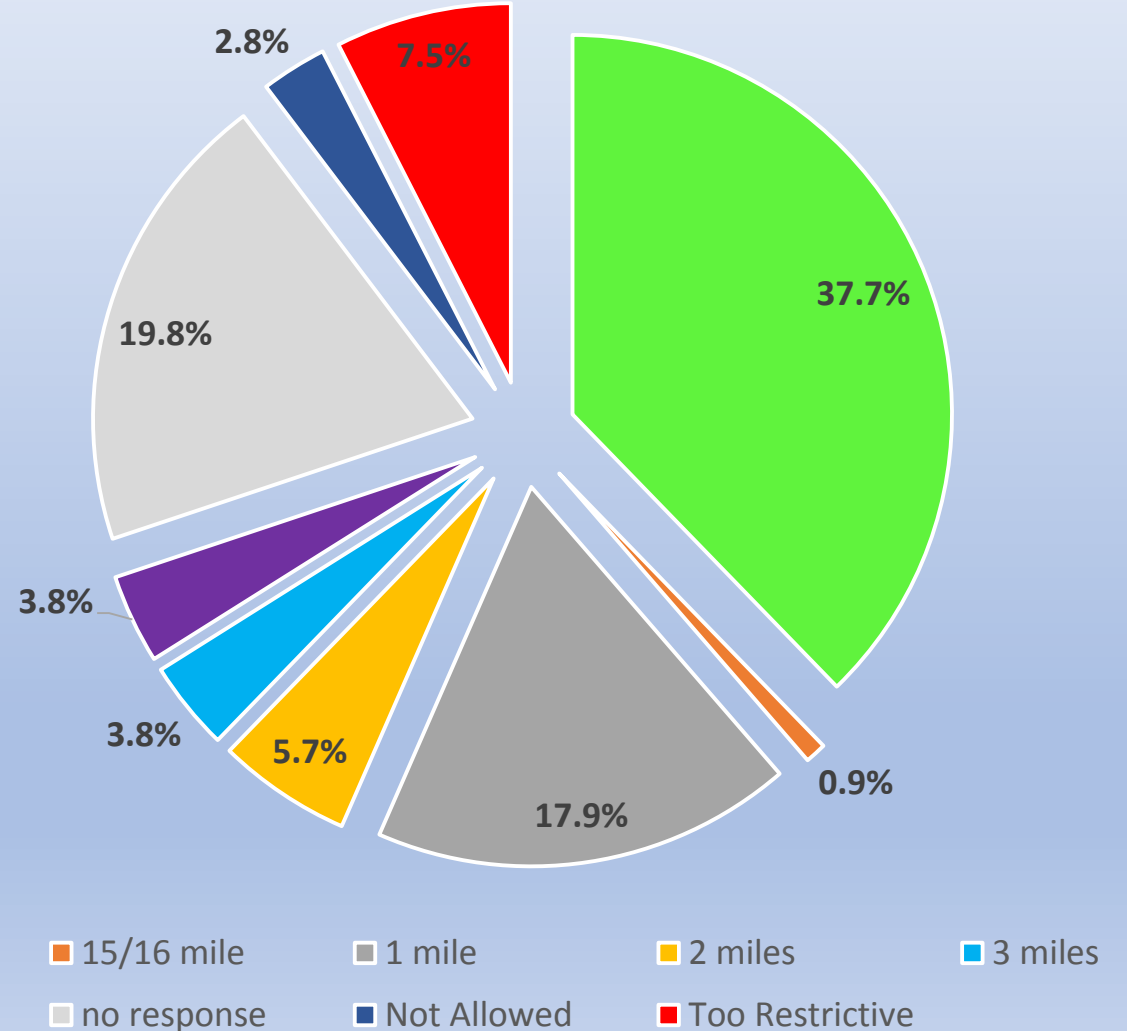
• 36 CAFO Setback Not Adequate Responses

- 3/4 Mile (4)
- 1 Mile (4)
- 1.5 Miles (5)
- 2.5 Miles (2)
- 3 Miles (2)
- 4 Miles (2)
- 5 Miles (2)
- Not Allowed (1)
- No Opinion (14)

What should the setback be (5,000 Animal Units)?

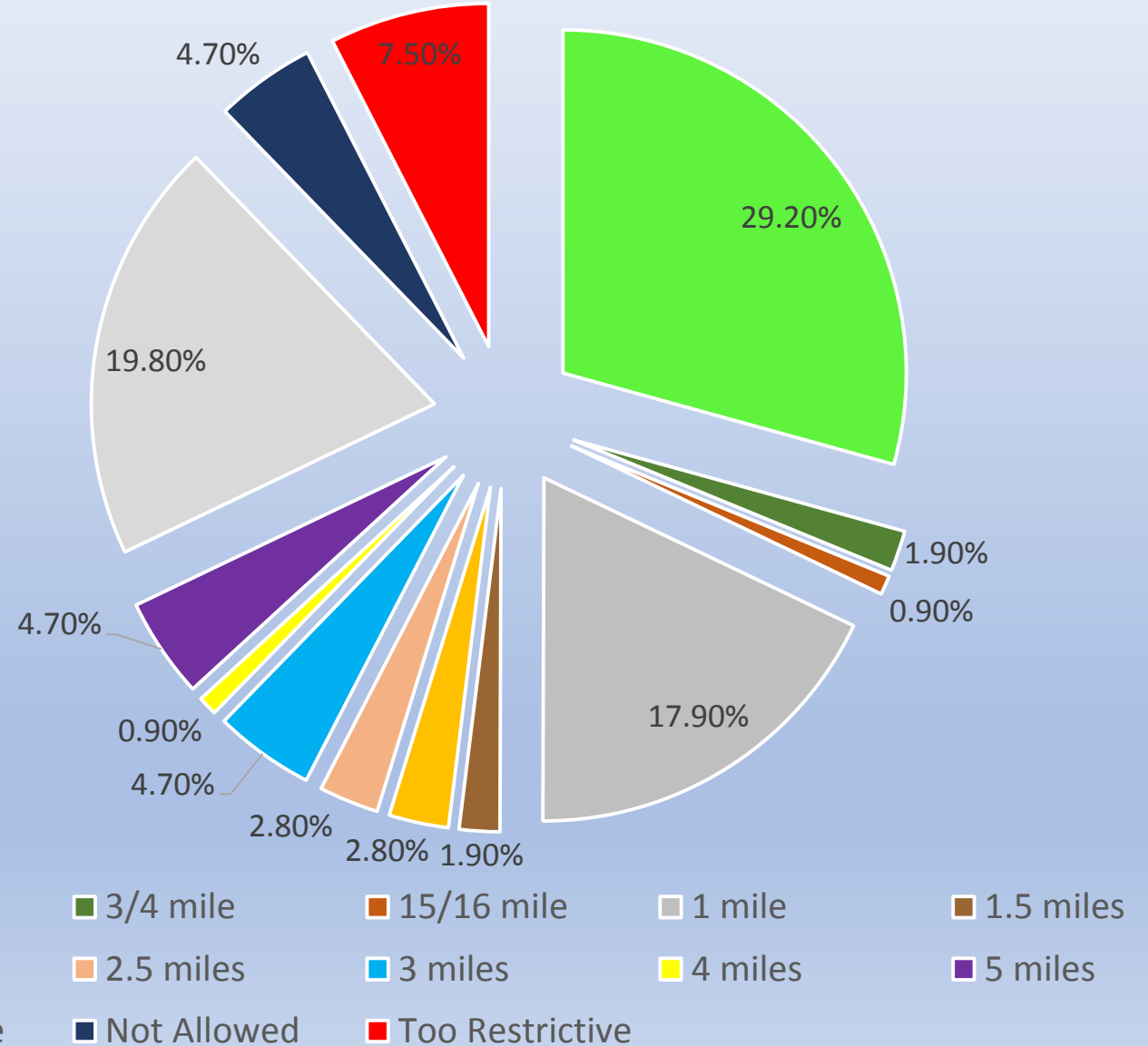
- **36 CAFO Setback Not Adequate Responses**
- **15/16 Mile (1)**
- **1 Mile (8)**
- **2 Miles (4)**
- **3 Miles (3)**
- **5 Miles (4)**
- **Not Allowed (3)**
- **No Opinion (13)**

Perception of Setbacks (5000) – All CAFO Producers



What should the setback be (5,000+ Animal Units)?

Perception of Setbacks (5000+) – All CAFO Producers



• 36 CAFO Setback Not Adequate Responses

- 15/16 Mile (1)
- 1 Mile (7)
- 1.5 Miles (2)
- 2 Miles (2)
- 2.5 Miles (1)
- 3 Miles (4)
- 4 Miles (1)
- 5 Miles (4)
- Not Allowed (4)
- No Opinion (10)

General Observations

- 37% of existing producers find setback from residences adequate for 5000+ animal unit CAFOs
- 45% of existing producers find setback from residences adequate for 5000 animal unit CAFOs
- 45% of existing producers find setback from residences adequate for 4000 animal unit CAFOs
- 52% of existing producers find setback from residences adequate for 3000 animal unit CAFOs
- 64% of existing producers find setback from residences adequate for 2000 animal unit CAFOs
- Most producers raise less than 1,000 Animal Units
- Most Producers find existing rules to be adequate - 60%
- 40% of existing producers plan on expanding over the next 20 years
- Based on survey – May need to develop a graduated setback system