

# Is my Operation a CAO and/or CAFO?

Name: \_\_\_\_\_ Date: \_\_\_\_\_

1. Total number of acres **available** for Manure Application? \_\_\_\_\_

		Animal Numbers			CAFO
		Number of	Avg. Wt	Production	If An. # at
		Animals	X	X Days	or Above
		/ 365,000 = AEU's			CAFO ?
Mature Milking Dairy Cows		Avg. Wt. =		AEU's =	
Dairy Cows Dry		Avg. Wt. =		AEU's =	
<b>Total Dairy</b>					700
<b>Veal Calves</b>		Avg. Wt. =		AEU's =	1,000
Cattle	Heifers	Avg. Wt. =		AEU's =	
	Steers	Avg. Wt. =		AEU's =	
	Bulls	Avg. Wt. =		AEU's =	
	Finishing cow	Avg. Wt. =		AEU's =	
	calves	Avg. Wt. =		AEU's =	
	<b>Total Cattle</b>				
Swine (55lbs or more)	Wean-Finish	Avg. Wt. =		AEU's =	
	Grow Finish	Avg. Wt. =		AEU's =	
	Gestating	Avg. Wt. =		AEU's =	
	Sow/Litter	Avg. Wt. =		AEU's =	
	Boar	Avg. Wt. =		AEU's =	
<b>Total Swine lg.</b>					2,500
<b>Swine (under 55 lbs)</b>		Avg. Wt. =		AEU's =	10,000
Horses:	Foal 0-6m	Avg. Wt. =		AEU's =	
	Weanling	Avg. Wt. =		AEU's =	
	Yearling (1-2)	Avg. Wt. =		AEU's =	
	2 yr old (2-3)	Avg. Wt. =		AEU's =	
	Mature	Avg. Wt. =		AEU's =	
<b>Total Horses</b>					500
Sheep and Lambs					
	Lamb 0-1	Avg. Wt. =		AEU's =	
	Ewe	Avg. Wt. =		AEU's =	
	Ram	Avg. Wt. =		AEU's =	
<b>Total Sheep</b>					10,000
<b>Turkeys</b>		Avg. Wt. =		AEU's =	55,000
<b>Layers /broilers, Wet</b>		Avg. Wt. =		AEU's =	30,000
<b>Broilers, Dry manure</b>		Avg. Wt. =		AEU's =	125,000
<b>Layers , Dry manure</b>		Avg. Wt. =		AEU's =	82,000
<b>Ducks, (Dry manure)</b>		Avg. Wt. =		AEU's =	30,000
<b>Ducks, (Wet manure)</b>		Avg. Wt. =		AEU's =	5,000
<b>Other</b>		Avg. Wt. =		AEU's =	
		Avg. Wt. =		AEU's =	
		Avg. Wt. =		AEU's =	
		Avg. Wt. =		AEU's =	
		Avg. Wt. =		AEU's =	
<b>TOTAL AEU's =</b>					

2 Act 38 Regulated Farm? \_\_\_\_\_

3 AEU's per Acres? \_\_\_\_\_ (Total AEU's / Acres available for manure)

4 **Does This Operation Appear to be a CAO ?** \_\_\_\_\_  
 (>= 2 AEU's/acre)

5 Is operation a CAO that has more than 300 AEU's when all animal Types combined? \_\_\_\_\_

6 **Does This Operation Appear to be a CAFO?** \_\_\_\_\_  
 ( Answer YES If there is a "Yes" under the "CAFO?" Column, if total AEU >= 1,000 or if question 5 is YES)

**Note: This is only to be used for preliminary use. The actual determination of CAO and/or CAFO should be completed by a Nutrient Management Specialist, DEP or County Conservation District.**

**NOTES:**

**Directions For Using This Form**

- Fill in Name (Farm name and Landowner name)
- Fill in Date completed (should be the date the information is for)
- Fill in the number of acres available for manure application (not the number of acres of the operation).
- Fill in the number of animals for each animal type.
- Fill in the average weight of each animal (Book values below should be used unless landowner has records of different weights for the animal type).
- Fill in the number of days this type of animal is on the operation in a year.  
( ex. 5 flocks per year of broilers on the operation for 50 days each = 250 production days)
- Fill in Yes under CAFO? If number of animals is at or exceeds value in "CAFO IF An. # at or above" Column

**Results From Worksheet.**

- Number 2 tells if the farm is regulated under the ACT 38 Regulations ( $\geq 8$  AEU's or 8,000 pds of animals)
- Number 3 gives you the number of Animal Equivalent Units per Acre (AEU's per Acre) on your operation.
- Number 4 will tell you if your operation appears to be a Concentrated Animal Operation
- Number 5 will tell you if your operation is a CAO with over 300 AEU's.
- Number 6 will tell you if it appears your operation is a Concentrated Animal Feeding Operation (CAFO)

**NOTE:** If you need assistance with determining if you are a CAO &/or CAFO, if the Worksheet determines your operation is a CAO or CAFO, or you think you may be a CAO or CAFO, please contact your County Conservation District for further assistance.

**Standard Weights (Pounds)**

**COWS**

Holstein / Brown Swiss

Calf 0 - 1 year	375
Heifer 1 - 2 years	900
Cow	1,300
Bull	1,500

Ayrshire / Guernsey

Calf 0 - 1 year	338
Heifer 1 - 2 years	800
Cow	1,100
Bull	1,250

Jersey

Calf 0 - 1 year	225
Heifer 1 - 2 years	600
Cow	900
Bull	1,000

Beef

Calf 0 - 8 months	300
Finishing 8 - 24 mo.	950
Cow	1,400
Bull	1,500

Veal

Calf 0 - 16 weeks	270
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**POULTRY**

**LAYER**

Layer 18 - 65 wks	3.1
Layer 18 - 105 wks	3.15
Layer Brown eggs 20 - 65 wks	3.8
Layer Brown eggs 20 -105 wks	4
Pullets 0 - 18 weeks	1.42

**BROILER**

Broiler Large 0 - 53 Days	3.0
Broiler Med 0 - 35 Days	2.3

<b>GUINEA</b> 0 - 14 to 24 wks	1.9
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<b>CHUKAR</b> 0 - 13 to 43 wks	0.52
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**ROASTER**

Male - 0 - 7 weeks	3.54
Female 0 - 9 wks	3.54

**TURKEY**

Turkey, Tom 0 - 18 wk	20
Turkey, Hen 0 - 14 wk	7.1

<b>DUCK</b> 0 - 43 days	3.56
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<b>PHEASANT</b> 0 - 13 to 43 wks	1.53
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<b>QUAIL</b> 0 - 13 to 43 weeks	0.26
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**HORSE**

**Light Horses & Mules**

Foal 0 - 6 months	190
Weaning: 6-12 mo	450
Yearling: 12-24 mo	700
Two Year Old: 24-36 mo	900
Mature	1,100

**Minature Horse & Miniture Donkey**

Foal 0 - 6 months	35
Weaning: 6-12 mo	60
Yearling: 12-24 mo	100
Two Year Old: 24-36 mo	150
Mature	200

**Draft Horses**

Foal 0 - 6 months	360
Weaning: 6-12 mo	800
Yearling: 12-24 mo	1,150
Two Yr Old: 24-36 mo	1,450
Mature	1,800

**Ponies & Donkeys**

Foal 0 - 6 months	65
Weaning: 6-12 mo	150
Yearling: 12-24 mo	300
Two Yr Old: 24-36 mo	400
Mature	600

**OTHER ANIMALS**

**SHEEP, Large Breed**

Lamb 0 - 1 yr	80
Ewe	175
Ram	225

**SHEEP, Small Breed**

Lamb 0 - 1 yr	50
Ewe	150
Ram	185

**SWINE**

Nursery Pig	30
Wean to Finish	140
Grow Finish	155
Gestation Sow	400
Sow and litter	470
Boar	450

**Bison**

Calf: 0-1 yr	525
Cow	1200
Bull	2000

**Llama**

Cria: 0-1yr	85
Yearling: 1 - 3 YR	225
Mature	325

**GOAT, Meat**

Kid 0 - 1 yr	65
Doe	150
Buck	200

**GOAT, Dairy**

Kid 0 - 1 yr	45
Doe	125
Buck	170

**Deer**

Fawn: 0-6 mo	36
Yearling Doe: 6-18 mo	95
Yearling Buck: 6-18 mo	110
Mature Doe	145
Mature Buck	200

**Alpaca**

Young	80
Mature Female	145
Mature Male	170