

Is my Operation a CAO and/or CAFO?

Name: _____ Date: _____

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

		Number of	Animal Numbers		Production		CAFO
		Animals	Avg. Wt	X	X	/ 365,000	If An. # at
			see back		Days	= AEU's	or Above
						CAFO ?	
Mature Dairy Cows	Milking		Avg. Wt. =			AEU's =	
	Dry		Avg. Wt. =			AEU's =	
Total Dairy							700
Veal Calves			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 =	
	Total Cattle						
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 =	
Total Swine lg.							2,500
Swine (under 55 lbs)			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 =	
Total Horses							500
Sheep and Lambs	Lamb 0-1		Avg. Wt. =			AEU's =	
	Ewe		Avg. Wt. =			AEU's =	
	Ram		Avg. Wt. =			AEU's =	
Total Sheep							10,000
Layers, Dry Manure:	Layers		Avg. Wt. =			AEU's =	
	Roosters		Avg. Wt. =			AEU's =	
Total Layers Dry							82,000
Layers /broilers, Wet			Avg. Wt. =			AEU's =	30,000
Broilers, Dry manure			Avg. Wt. =			AEU's =	125,000
Turkeys			Avg. Wt. =			AEU's =	55,000
Ducks, (Dry manure)			Avg. Wt. =			AEU's =	30,000
Ducks, (Wet manure)			Avg. Wt. =			AEU's =	5,000
Other			Avg. Wt. =			AEU's =	
			Avg. Wt. =			AEU's =	
			Avg. Wt. =			AEU's =	
			Avg. Wt. =			AEU's =	
			Avg. Wt. =			AEU's =	
TOTAL AEU's =							

- 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 (≥ 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	420
Heifer 1 - 2 years	1,000
Cow	1,450
Bull	1,700

Ayrshire / Guernsey

Calf 0 - 1 year	350
Heifer 1 - 2 years	865
Cow	1,200
Bull	1,600

Veal

Calf 0 - 20 weeks	280
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Jersey

Calf 0 - 1 year	275
Heifer 1 - 2 years	675
Cow	1,000
Bull	1,200

Beef

Calf 0 - 8 months	300
Backgrounding Cattle	500
Finishing 8 - 24 mo.	950
Repl. Heifer 8 mo - 1 yr	500
Repl. Heifer 1-2 yr	875
Cow	1,400
Bull	1,500

POULTRY**LAYER**

Layer White eggs 18 - 75 wks	3.13
Layer White Eggs 18 - 90 wks	3.14
Layer Brown eggs 18 - 75 wks	3.85
Layer Brown eggs 18 - 90 wks	3.85
Pullets 0 - 16 weeks	1.38
Pullet, Brown Egg: 0-16 wks	1.54

BROILER

Broiler Large 0 - 53 Days	3.55
Broiler Med 0 - 35 Days	2.55

ROASTER

Male - 0 - 7 weeks	4.7
Female 0 - 9 wks	4.95

GUINEA

Growing 0-14 wks	1.91
Mature	3.75

CHUKAR

Growing 0-13 wks	0.52
Mature	1

QUAIL

growing 0 - 13 wks	0.26
Mature	0.50

BREEDER

White egg Breeder Hen 17-70 wk	3.25
White Egg Breeder Rooster: 17-70 wks	4.37
Brown Egg Breeder Hen 17-70 wks	3.55
Brown Egg Breeder Rooster 17-70 wks	4.78
Broiler Breeder pullet 0-20 days	2.55
Broiler Breeder cockerel: 0-20 days	3.55
Broiler Breeder hen: 20-65 wks	6.75
Broiler Breeder rooster 20-65 wks	8.75

TURKEY

Tom Brooder 0-6 wks	3.36
Hen Brooder 0-6 wks	2.74
Tom 6 - 18 wk	25.25
Hen Regular 6 - 14 wk	11.13
Hen Heavy 6-16 wks	14.63

DUCK

Starter 0-17 days	1.36
Finisher 17-38 days	4.88
Developer 0-196 days	3.21
Layer	6.85

PHEASANT

growing 0 - 13 wks	1.53
Mature	3

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	95
Ewe	225
Ram	300

SHEEP, Medium Breed

Lamb 0 - 1 yr	80
Ewe	175
Ram	225

SHEEP, Small Breed

Lamb 0 - 1 yr	45
Ewe	100
Ram	125

GOAT, Meat

Kid 0 - 1 yr	65
Doe	150
Buck	200

GOAT, Dairy

Kid 0 - 1 yr	45
Doe	125
Buck	170

SWINE

Nursery Pig	35
Wean to Finish	143
Grow Finish	165
Gestation Sow	450
Sow and litter	470
Boar	450

Bison

Calf: 0-1 yr	275
Yearling 1-2 yr	650
Cow	1,000
Bull	1,600

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

Llama

Cria: 0-1yr	75
Yearling: 1 - 3 YR	213
Mature	350