



Guide to Unit Cost Of Production Report

Discussion:

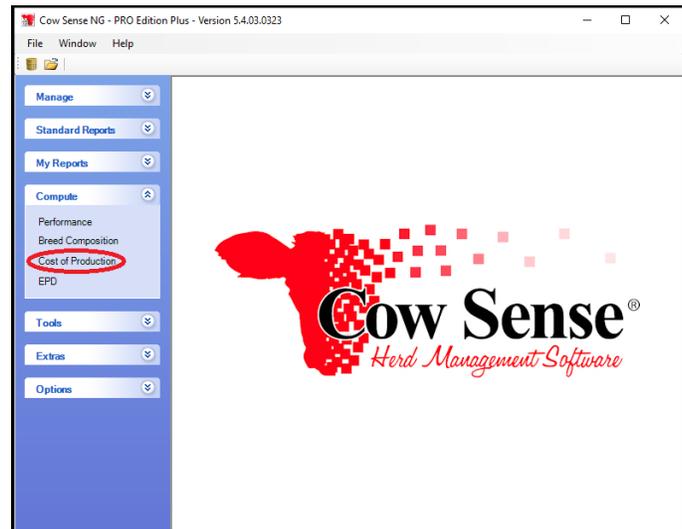
Cow Sense® NxGen PRO Unit Cost Of Production (UCOP) is a value based on the relationship between costs and units of product produced. In a Cow-Calf Enterprise this is basically a formula to determine the cost of producing a weaned calf on a per pound basis. Some may refer to this as “break-even cost”.

UCOP includes everything involved in production where total cost is in the numerator and pounds weaned per cow exposed is in the denominator of the equation. The UCOP Report in Cow Sense NxGen PRO allows you to benchmark your costs against prior years to monitor progress and take proactive measures in your management and marketing decisions.

The Cow Sense UCOP report must consider the number of cows exposed to calves born, weaned and have recorded weaning weights. Therefore, it is dependent upon the information recorded in the Breeding and Calving Wizards to gather accurate data for this analysis. In addition, individual weaning weights for those calves are a requirement for this report to be meaningful. These are prerequisites to use of the Cow Sense UCOP tool. If you have elected to utilize these tools available in NxGen PRO, then you will find the Cow Sense UCOP Report to be an invaluable management tool.

Setup:

The UCOP function is available from the Compute functions on the Left Side Bar Menu of Cow Sense NxGen PRO.



When this form is displayed, confirm the herd for which you wish to compute UCOP is displayed at the top left of this form.

Then from the “Season” drop down menu (upper right) choose the calving season from which you wish the production data to be gathered.

Enter your cost per cow:		This Season*:	
Summer Grazing	0	Cows Exposed	
Winter Grazing	0	Calves Born	
Supplemental Feed	0	Calves Weaned	
Concentrates	0	Calves with Weaning Weight	
Breeding	0	Per Cow Exposed:	
Health	0	Cost	
Processing	0	Pounds Produced	
Labor	0	Break-Even Price:	
Depreciation	0	Cost Per Pound Produced	
Interest	0		
Overhead	0		
Other	0		

*Production numbers come from Breeding Wizard + Calving Wizard.

Buttons: Compute, Add Note, Print, Exit

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The next step to the UCOP is to input your costs of production on a per cow basis. These can be obtained from your expense accounting and divided by the number of females exposed at the beginning of the breeding season.

Hint... navigate from one "Cost" field to the next by using your Tab key on your keyboard.

Note data entered in this screen are retained and will be available for use/edit the next time the UCOP function is accessed.

Enter your cost per cow:		This Season*:	
Summer Grazing	200	Cows Exposed	
Winter Grazing	50	Calves Born	
Supplemental Feed	150	Calves Weaned	
Concentrates	50	Calves with Weaning Weight	
Breeding	30	Per Cow Exposed:	
Health	30	Cost	
Processing	15	Pounds Produced	
Labor	50	Break-Even Price:	
Depreciation	200	Cost Per Pound Produced	
Interest	25	<small>*Production numbers come from Breeding Wizard + Calving Wizard.</small>	
Overhead	50	<input type="button" value="Compute"/> <input type="button" value="Add Note"/> <input type="button" value="Print"/> <input type="button" value="Exit"/>	
Other	50		

Select the "Compute" button to calculate the UCOP for the Birth Season selected based upon the expenses entered.

Select the "Add Note" button to add a notation to the top of the report.

Enter your cost per cow:		This Season*:	
Summer Grazing	200	Cows Exposed	181
Winter Grazing	50	Calves Born	157
Supplemental Feed	150	Calves Weaned	145
Concentrates	50	Calves with Weaning Weight	145
Breeding	30	Per Cow Exposed:	
Health	30	Cost	\$900.00
Processing	15	Pounds Produced	515.70
Labor	50	Break-Even Price:	
Depreciation	200	Cost Per Pound Produced	\$1.75
Interest	25	<small>*Production numbers come from Breeding Wizard + Calving Wizard.</small>	
Overhead	50	<input type="button" value="Compute"/> <input type="button" value="Add Note"/> <input type="button" value="Print"/> <input type="button" value="Exit"/>	
Other	50		

Add Note

Add note to print:

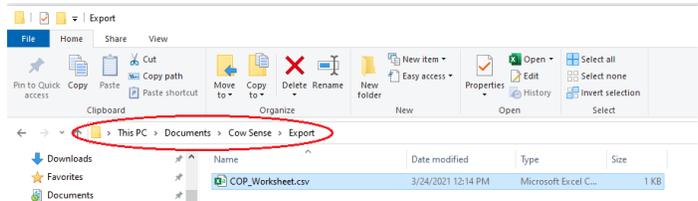
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Select the “Print” button to display the final report.

Select the “Printer icon” upper left of this window to actually print the report to paper.

BONUS to Print Feature. When the Print button is activated Cow Sense also writes the data to a .csv file added to the “Export” subfolder in the Cow Sense folder (located by default in your Documents folder).

Use Windows File Explorer to navigate and open this file with Excel or another spreadsheet software.



The worksheet provides the capability of reviewing cost of production historically across various Birth Seasons or individual herd files.

A	B	C	D	E	F	G
Herd Title	Print Date	Note	Season	Summer C	Winter Gr	Suppleme
Red Angus	3/11/2021 10:19		1/1/2019;	200	50	150
Davis Cattle	3/11/2021 10:45		9/1/2019;	200	50	150
Circle D Ranch	3/24/2021 12:03	Bred Heif	9/1/2019;	200	50	150