

BRITISH GOAT SOCIETY
NOTES FOR GUIDANCE IN COMPLETING ANALYST'S CERTIFICATES
AND MILKING COMPETITION SHEETS

ANALYST'S CERTIFICATES

Analyst's certificates are in triplicate, no carbon is required. All copies of the analyst's certificates are to be sent to the testing laboratory inside the milk sample boxes. One copy is for retention by the laboratory (please advise them), one copy by the responsible milk steward. The top copy only, duly authenticated and signed by the laboratory technician, must be forwarded to the BGS. All columns on the analyst's sheets must be completed before they are sent to the BGS Office. The name of the testing laboratory must be supplied.

Prior to the show complete the analyst's sheets with name of the show etc and list all goats (together with their catalogue numbers) in catalogue order ensuring they correspond with the BGS milking competition sheets (if used).

MILKING COMPETITION SHEETS

These sheets need only be completed by those shows not using Pedeweb for calculating the milking competition results.

All sheets are in duplicate with no carbon required. The top copy must be forwarded to the BGS; the *bottom* copy is for retention by the responsible milk steward. Do not forward both milking sheets to the BGS.

PRIOR TO THE SHOW

Fill in the name of show, class no/sheet no and if restricted in any way (eg first kidders, BTs etc).

COLUMNS 1 - 5:

Should be completed from the entry forms or catalogue prior to the show, and should correspond with the analyst's sheets (which may be prepared at the same time).

COLUMN 6:

After milk has been weighed insert am and pm yields separately. Milk must be weighed to nearest 0.05kg. The sheets on which yields are recorded at the time of weighing must be included when forwarding results to the BGS for checking.

COLUMN 7:

Insert the separate am and pm butterfat percentages when received from the laboratory. The authenticated and signed analyst's certificate must be included when forwarding results to the BGS. If a goat is ABSENT this word should be written across columns 6 and 7.

COLUMN 8:

Insert the separate am and pm protein percentages received from the laboratory.

COLUMN 9:

Calculation of points:

i. Calculate total daily weight of milk as follows:

Add the am yield to the pm yield to obtain the total daily weight of milk in kg for each goat (eg 2.9 kg and 2.2 kg equals 5.1 kg); Enter the total daily weight of milk in column 9(a) for all goats; Write FAILED along the remainder of the line if the total daily weight of milk for a goat is less than 2.50 kg.

ii. Calculate the butterfat points as follows:

Add the am and pm butterfat percentages together (eg 3.35% and 3.57% equals 6.92%); Multiply this total by the total daily weight of milk in kg (eg 6.92% multiplied by 5.1 kg equals 35.292); multiply the answer by 0.25 (eg 35.292 multiplied by 0.25 equals 8.823 points);

Round this figure to two decimal places, ie when the third figure after the decimal point is 5 or higher, the second figure after the decimal point is increased by 1 (in the example given 8.823 becomes 8.82 butterfat points); Enter the rounded butterfat points in column 9(b) for all except FAILED goats.

iii. Calculate the protein points as follows:

Add the am and pm protein percentages together (eg 2.68% and 2.72% equals 5.40%); Multiply the total by the total daily weight of milk in kg (eg 5.40% multiplied by 5.1 kg equals 27.54); Multiply the answer by 0.35 (eg 27.54 multiplied by 0.35 equals 9.639 points);

Round this figure to two decimal places, ie when the third figure after the decimal point is 5 or higher, the second figure after the decimal point is increased by 1 (in the example given 9.639 becomes 9.64 protein points); Enter the rounded protein points in column 9(c) for all except FAILED goats.

iv. Calculate the time points as follows:

Multiply the number of complete calendar months since the last kidding by 0.20; (eg 3 complete calendar months gives 3 multiplied by 0.20 equal 0.60 time points); the maximum number of points allowed is 3.60; Enter the time points in column 9(d) for all except FAILED goats.

v. Calculate the total points as follows:

Add butterfat points (b), protein points (c), and time points (d) (in the example given this is the total of 8.82, 9.64 and 0.60 ie 19.06 points). Enter the total points obtained in column 9(e) for all except FAILED goats. Abnormal protein figures ie above 4% (other than for ANs) or an individual goat with AM/PM protein differing by more than 0.5% - should be queried with the testing laboratory before the completed forms are sent to the BGS.