Meeting of the ICAR Working Group on Milk Recording of Goat
Riga, Latvia, 2 June 2010

Agenda:

1. Changes in the constitution of the working group - Renewal of the members of the group.
2. “On line” database
3. Enhance members’ interest to the yearly enquiry
4. Harmonisation of a part of guidelines
5. To establish the standards for meat recording in goat breeds?
1. Changes in the constitution of the working group - Renewal of the members of the group.

Chairman
• Zdravko Barać, Croatian Agricultural Agency, Croatia, zbarac@hpa.hr

Members
• Drago Kompan, University of Ljubljana; Drag Kompan@bfro.uni-lj.si
• Jean-Michel Astruc, Institut de l’Elevage - INRA-SAGA; astruc@germinal.toulouse.inra.fr
• Christina Ligda, National Agricultural Research Foundation (N.AG.RE.F.) (Greece); chligda.arasc@nagref.gr

2. “On line” database

• "On-line Enquiry for Goat Milk Recording" has been finalised
• 50 different databases have been set-up, each one with its own username and password and possibility of adding and editing previous data
• For the start only countries that performed goat recording are activated (only countries that have a goat herd book appear on the enquiry)
### TABLE 1 - BASIC INFORMATION ON POPULATION, RECORDING METHODS AND PERCENTAGES

<table>
<thead>
<tr>
<th>Breed or population (Name)</th>
<th>Recorded population</th>
<th>Milk yield: methods and recording intervals (according to international regulations for milk recording in goats)</th>
<th>Information on the management of the flocks subject to official milk recording</th>
<th>Size of the population (Estimates)</th>
<th>Size of the population recorded in ICAR member countries by other type of milk recording</th>
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1. Inventory at kidding in case of one kidding per year or inventory at a fixed date in the other cases.
2. See the definition of official milk recording method in the ICAR website (www.icar.org) in the part dedicated to the milk recording of goat WG: “Recording guidelines”, section 2.3.
3. Answer (1) or (2), if only one system is used (per breed or in the country) as regards lactation; or percentage of goats in system (1) and system (2), if used simultaneously.
4. Other type of milk recording: it may be the C method or another method: See the ICAR website (www.icar.org) in the part dedicated to the milk recording of goat WG: “Recording guidelines”, section 2.3.
5. Inventory at kidding in case of one kidding per year or inventory at a fixed date in the other cases.

### TABLE 2 - MILK YIELD: TYPE OF LACTATION CALCULATION (QUANTITY OF MILK) + MILK YIELD: RESULTS (QUANTITY OF MILK)

<table>
<thead>
<tr>
<th>Breed or population (Name)</th>
<th>Lactation calculation¹</th>
<th>Production of reference (for lactation)</th>
<th>Average milk yield per recorded doe (quantity of milk)</th>
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<tbody>
<tr>
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<td>TSMM⁵ (Yes/No)</td>
<td>TMM⁵ (Yes/No)</td>
<td>TMY⁶ (Yes/No)</td>
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<td>(Yes/No)</td>
<td>(Yes/No)</td>
<td>(Yes/No)</td>
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Note: Indicate what type of calculation is used in the genetic evaluation

¹See the definition of the terms on the ICAR website (www.icar.org) in the part dedicated to the milk recording of goat WG: “Recording guidelines”, section 2.3.
²TSMM: total suckled and milked milk (case of milking after a suckling period).
³TMM: total milked milk (case of milking after a suckling period).
⁴TMY: total milk yield (case of milking from kidding, i.e. without a suckling period).
### TABLE 3 - OPTIONAL TESTS FOR MILK COMPOSITION

<table>
<thead>
<tr>
<th>Breed or population (Name)</th>
<th>Categories or classes of age or parity concerned (number of goats in the reference year)</th>
<th>Method used for recording milk composition(^1)</th>
<th>Milk analysis in laboratory Fat content (Yes/No) Protein content (Yes/No) Somatic Cells Counts (Yes/No) Other analysis (Lactose... Describe it)</th>
</tr>
</thead>
</table>

\(^1\)AA, AS, A6, AT, AC, EA, EC, ET (see ICAR recording guidelines). If other method used, please describe it.

### TABLE 4 - RECORDING OF NON-MILKING TRAITS

<table>
<thead>
<tr>
<th>Breed or population</th>
<th>Traits</th>
<th>On-farm recording (Yes/No)</th>
<th>Breeding evaluation (Yes/No)</th>
<th>Use in selection (Yes/No)</th>
</tr>
</thead>
</table>

\(^1\)For each of the following traits, indicate whether you collect it or not. If yes, precise how long you have collected it, the number of animals (in the reference year), whether you implement or not a breeding evaluation and whether you use it for selection or not.
## TABLE 5 - MILK RECORDING EQUIPMENT USED IN CASE OF MACHINE MILKING

<table>
<thead>
<tr>
<th>Breed or population (Name)</th>
<th>Name of the manufacturer</th>
<th>Measurement (weight/volume)</th>
<th>Sampler (yes/no)</th>
<th>Approximate number in use</th>
<th>Name of the manufacturer</th>
<th>Measurement (weight/volume)</th>
<th>Sampler (yes/no)</th>
<th>Approximate number in use</th>
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Note: Sampling device to provide milk samples to be sent to a laboratory for analysis (milk composition, SCC, ...)

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## TABLE 6 - BREEDING PROGRAM USING ARTIFICIAL INSEMINATION

<table>
<thead>
<tr>
<th>Breed or population</th>
<th>Fresh semen</th>
<th>Frozen semen</th>
<th>Selection criteria</th>
<th>AI progeny-tested bucks per year</th>
<th>Number of AI per progeny-tested bucks</th>
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TABLE 7 - MOLECULAR INFORMATION

<table>
<thead>
<tr>
<th>Breed or population</th>
<th>Type of genotyping</th>
<th>Number of analysis, Number of flocks involved</th>
<th>Use in experimental program</th>
<th>Effective use in selection program</th>
</tr>
</thead>
</table>

3. Enhance members’ interest to the yearly enquiry

- Proposal of WG to all members is to fill in data for at least last 2 years (2008 and 2009)
4. Guidelines
SECTION 2.3 - ICAR RULES, STANDARDS AND GUIDELINES FOR MILK RECORDING IN GOATS

• Conclusion:
  Harmonization of the Guidelines needed.
  Proposal of the WG is to prepare draft amendments for the next session in Ireland

5. To establish the standards for meat recording in goat breeds?

• Conclusion:
  - to prepare short Questionnaire and to collect information among member states regarding meat recording in goat breeds
Perspectives concerning the working group

• To finalise the tasks that were defined
• Reinforce cooperation with other WG
  – WG Milk Recording of Sheep
  – WG Recording Devices

THANK YOU