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VOTE ON NEW WORK ITEM PROPOSAL

18/11 – A

Reproductive technologies for dairy cattle

<i>Date of circulation :</i>	12 February 2018
<i>Closing date for voting :</i>	19 March 2018

IDF National Committees of full IDF member countries are requested to vote.

Notes from IDF Head Office

The full background and explanation on the proposed New Work Item and the results of evaluation of the proposal by the IDF Science Programme Coordination Committee are included.

IDF National Committees of full member countries are requested to reply to this survey within the deadline specified above.

IDF National Committees that have no interest in the subject matter but at the same time do not want to block adoption of this new work item that is important for other National Committees should indicate their wish to abstain from voting.

IDF National Committees of Associate IDF member countries that may wish to express an interest in active participation are requested to send this form to the IDF Head Office within the deadline specified above.

IDF New Work Item Proposal

NWI title: Reproductive technologies for dairy cattle

Proposer: Jamie Jonker (US) supported by SCFM & SCAHW

Date: December 2017

Description of the work and why is it important to the dairy sector?
<p>Reproductive technologies drive the efficiency of managing dairy cows because the lactation cycle of the dairy cow depends on regular calving to renew lactation yields. Achieving timely pregnancies to allow calving every 12-14 months, therefore, is critical in modern production.</p> <p>To meet the demands to produce sufficient milk for fluid and dairy products, various technologies are applied to enhance efficiencies on the dairy farm to allow managers to retrieve information to make cow-side decisions about health and reproductive status (e.g. artificial insemination (AI), embryo transfer, ultrasonographic, chemical detection of pregnancy, monitoring or prediction of oestrus, genetic testing, etc.) and handheld communication and testing devices.</p> <p>So far, many different recommendations are given. To produce a global overview and appropriate guidance on these technologies at the farm for the dairy sector, the SCs propose the publication a series of factsheets on these technologies, on a continuous basis. These documents will outline the advantages and disadvantages of their use and will provide managing recommendations for an efficient dairy production, ensuring animal health and animal welfare. To prioritize the drafting of certain technologies, members are invited to ranked their interest here: https://www.surveymonkey.com/r/reproductive_technologies. Preliminary rankings from the survey (based on 15 answers) identified as the top four technologies (1) Artificial insemination, (2) Sexed semen, (3) Oestrus synchronization and (4) Embryo transfer.</p>
Why should IDF work on this item? This should include the benefit that IDF can deliver, and the consequences if IDF would not undertake this work.
<p>It is clear that the impact of emerging and current reproductive technologies is critical to the management of dairy cattle to produce sufficient milk to meet consumer demands for quality fluid and dairy products. Some material (documents, videos, etc) already exist in certain countries but currently there is no global publication on use of reproductive technologies for dairy cattle, and this can be delivered by the expertise of the IDF SCS on Farm Management and Animal Health and Welfare.</p> <p>If the work is not undertaken under the lead of IDF, the use of these technologies will be addressed by the different business working on animal reproduction and therefore possibly not provide a global guidance. IDF ensures the best scientific expertise and should guarantee that technology and knowledge are transferred to the global dairy sector while maintaining a sustainable development.</p>
How does this work align with IDF's Strategy (which pillar, which objective, etc)?
<p>This work aligns with under the strategy "Key intergovernmental organizations recognise IDF as "Global expertise in dairy". It fits under the pillar sustainability, where IDF supports pro-actively the dairy sector to improve its ability to provide safe and nutritious milk and dairy</p>

products from healthy animals. The work aims at providing science-based guidance and leadership on dairy.	
Who outside of IDF is working on this item? (IGOs, key influencers, other dairy organizations like GDP, other public and private sector organizations...)	
Other dairy organizations and groups work on this item (veterinarians, universities, pharmaceutical and technical industries, consumer groups, animal welfare groups).	
What, Who, When, How ?	
Proposed Deliverable(s)	A series of factsheets. A possibility to merge factsheets into bulletin will be guaranteed.
Specify intended use of the end product	Overview and guidance on the use of modern reproductive technologies for efficient dairy production.
Target audience	Farmers, veterinarians, dairy market chain, consumers, animal welfare NGOs, and other stakeholders working on animal health and welfare
Proposed body to be responsible	SC Farm Management and SC on Animal Health and Welfare
Proposed leader	Jamie Jonker (US)
Other IDF Bodies to be involved	-
Have interdependencies with other projects been identified?	-
Proposed Completion Date	Continuous
Requirements regarding IDF Head Office staff support	Prepare proposal, sending out NWI proposal and collate responses, adding to SCFM and SCAHW agenda and send relevant working documents. Coordinate draft material and collect comments. Publish on the website. Estimated time needed: 4 days
Funding requirements, if any, and how these will be covered – define internal vs. external sources.	-
Further requirements or details	No
Communication	
What is the objective of the communication?	Disseminating knowledge on the possibilities of the current technologies.
Specify the main messages to get across with the end product	Overview on the use of reproductive technologies for dairy cattle for an efficient dairy production that ensures good animal health and welfare
Who are the organizations and/or individuals targeted in communication efforts?	Farmers, veterinarians, stakeholders working on animal health and welfare
Specific deadline to be met (events, meetings, other publications)	No

	Evaluation	Yes/No or recommendation
1	Does the proposed work item meet the IDF mission and strategy ?	Yes
2	In which IDF Strategy focus area does this item fit?	Sustainability
3	Are there sufficient resources available in IDF?	Yes
4	Has the communications planning been sufficiently outlined?	Yes
5	At this time, is this a priority item?	No
6	What approval category should apply for the final end product? a) IDF National Committees b) Science and Programme Coordination Committee or c) Standing Committee / Task Force	a) Standing Committees
7	Science and Programme Coordination Committee's recommendation for adoption of the new work item by IDF	Endorse. Add possibility to merge factsheets into bulletin.