

INTERNATIONAL DAIRY FEDERATION



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VOTE ON NEW WORK ITEM PROPOSAL

18/12 – A

IDF Bulletin on Heat treatment of milk

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| <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: IDF Bulletin on Heat treatment of milk

Proposer: SCDST on SPCC request

Date: December 2017

| Description of the work and why is it important to the dairy sector? | |
|---|--|
| <p>Heat treatment is the most widely used processing technology in the dairy industry. Its main purpose is to destroy microorganisms, both pathogenic and spoilage, to ensure the milk is safe and has a reasonable shelf-life. In order to provide information on the technical aspects of heat treatment 3 fact sheets were drafted:</p> <ul style="list-style-type: none"> • HEAT TREATMENT OF MILK – OVERVIEW • HEAT TREATMENT OF MILK – THERMISATION, PASTEURISATION AND EXTENDED SHELF-LIFE PROCESSING • HEAT TREATMENT OF MILK – UHT AND IN-CONTAINER STERILISATION <p>These fact sheets were reviewed and approved by members of the SCDST and SCM. Acknowledging the relevant topic for the sector and the work done, SPCC supported the work to be published. However two of the three document being more than 3 pages, it was suggested that these should be published as an IDF Bulletin. The overview paper will be published as a fact sheet.</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>IDF as the scientific expert for the global dairy sector is the best placed to provide guidance on the technological aspects used in the sector. The dairy industry uses a wide range of heat treatments and it is useful to put these in perspective in terms of their effects on milk.</p> | |
| How does this work align with IDF's Strategy (which pillar, which objective, etc)? | |
| <p>This topic would fit under the dairy safety and quality pillar, where IDF proactively engages in safeguarding the integrity and transparency of the dairy supply chain to ensure safety and quality of milk and dairy products.</p> | |
| Who outside of IDF is working on this item? (IGOs, key influencers, other dairy organizations like GDP, other public and private sector organizations...) | |
| <p>Heat treatment of milk has attracted a huge amount of research attention, therefore R&D departments and research centres are looking into this topic</p> | |
| What, Who, When, How ? | |
| Proposed Deliverable(s) | Bulletin |
| Specify intended use of the end product | For reference |
| Target audience | R&D departments and research centres, dairy industry |
| Proposed body to be responsible | SCDST |
| Proposed leader | H Deeth and G Smithers (AU) |
| Other IDF Bodies to be involved | SCMH |

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|---|--|
| Have interdependencies with other projects been identified? | IDF Bulletin on pasteurization |
| Proposed Completion Date | Mid 2018 |
| Requirements regarding IDF Head Office staff support | Processing of NWI. Coordination of publication Communication when Bulletin is released Estimated number of days: 4 |
| Funding requirements, if any, and how these will be covered – define internal vs. external sources . | none |
| Further requirements or details | none |
| Communication | |
| What is the objective of the communication? | Disseminating knowledge |
| Specify the main messages to get across with the end product | Effects of heat treatment on milk from a technological perspective |
| Who are the organizations and/or individuals targeted in communication efforts? | R&D departments and research centres, dairy industry |
| Specific deadline to be met (events, meetings, other publications) | none |

IDF Science and Programme Coordination Committee's evaluation of the proposal

| | 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? | Dairy Safety and Quality |
| 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 | c) SCs |
| 7 | Science and Programme Coordination Committee's recommendation for adoption of the new work item by IDF | Endorse |
| 8 | SPCC comments | Add reference about impact on food safety |