**Check One: ☐Project ☐Review ☒Collaboration**

**☐Workshop ☐Other**

| **Descriptive Title** | Research Simplex Atomizer: Analyse viscous liquids |
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| **Working Title[[1]](#footnote-0)** |  |
| **Technical Area[[2]](#footnote-1)** | F |
| **Date** | 16 June 2025 |
| **Short Description** | The Research Simplex Atomizer is used as a model atomizer system. Currently mainly hydrocarbons have been analysed. For IFPRI members it would be interesting to characterise other (liquid) systems. Liquids that can be analysed are: concentrated skim/whole milk, maltodextrin solutions, yeast extract or other industrial relevant systems. |
| **Objectives** | Characterise model liquids (relevant for IFPRI members) and compare results with modelling work of Desjardins |
| **Scope** |  |
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| **Recommended Contractors** | | |
| --- | --- | --- |
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1. Title used in meeting agendas and file archives [↑](#footnote-ref-0)
2. One or more from the following list: W = wet systems; D = dry systems; F = particle formation; SR = size reduction; M = modeling; SE = systems engineering [↑](#footnote-ref-1)