



46 Farm Innovation

GERM MAP free colostrum by Flandres Animal Health

in **Significant Impact Group(s)**: Feed / gut health \ Early feeding (colostrum/feed) - Early feeding (colostrum/feed)

Species targeted: Dairy;

Age: Young;

Summary: Survey about colostrum:

When colostrum is infected with *Mycobacterium avium* subsp. *paratuberculosis* (MAP), 90% of the germs can be eliminated on-farm using a curdling process. When an externally-located centrifugation treatment is used, this rate increases to 98%. Both methods keep the required amounts of life-sustaining bioactive proteins while the prevention of intestinal infections is strongly reduced.

From the project results, it appears that farmers whose cattle have a limited infection can treat their colostrum on farm. For heavier infections external treatment is recommended.

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Where to find the original material: (in English)

[https://www.ilvo.vlaanderen.be/language/en-US/EN/Press-and-Media/Newsletter/Survey/articleType/ArticleView/articleId/3927/Germ-free-colostrum-Reduction-of-Mycobacterium-avium-subsp-paratuberculosis-MAP-in-cow-colostrum.aspx#.XodPp4gzZPZ;](https://www.ilvo.vlaanderen.be/language/en-US/EN/Press-and-Media/Newsletter/Survey/articleType/ArticleView/articleId/3927/Germ-free-colostrum-Reduction-of-Mycobacterium-avium-subsp-paratuberculosis-MAP-in-cow-colostrum.aspx#.XodPp4gzZPZ)

Country: BE