



Press Release

Kaiseraugst, 15th June 2011

DSM Nutritional Products
Communications
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CYLACTIN[®] ME20 plus from DSM takes industry-standard probiotic to new levels

Royal DSM, the global Life Sciences and Materials Sciences company, is pleased to announce the launch of CYLACTIN[®] ME20, a product that sets new standards for stability in probiotic feed additives. Building on the success of CYLACTIN[®] ME10, the industry standard for inclusion in processed and pelleted feed, CYLACTIN[®] ME20 offers even greater stability during the intense processing and pelleting conditions in modern feed production.

Like its predecessor, CYLACTIN[®] ME20 is a live probiotic that produces lactic acid. Dr Christophe Paulus, DSM Global Category Manager Eubiotics, comments: *"While CYLACTIN[®] ME10 has long been accepted as the industry standard for top performance, pre-conditioning of feed is taking longer now than in the past, with pelleting occurring at even higher temperatures. This means that increased protection is needed for the probiotic strain.*

DSM has responded to this need by developing an improved microcapsule to house the probiotic," Dr Paulus continues. *"This is thicker than the original microcapsule and offers more resistance to physical attrition and high temperatures. Multilayer technology also ensures added protection from steam, pressure and moisture."* Despite this more robust protection, Dr Paulus points out, the double concentration of probiotic in the granules is just as active when reaching its site of action, the intestine.

DSM's new CYLACTIN[®] ME20 plus features all the advantages of CYLACTIN[®] ME10 in combination with improved thermostability. This brand new product comes with tougher encapsulation for even better probiotic survival during the increasingly intensive processing and pelleting conditions in modern feed production.

The innovative new coating materials in CYLACTIN[®] ME20 plus allow the proven probiotic strain *Enterococcus faecium* NICMB 14015 to withstand energy inputs of up to 45 kW/t and pelleting temperatures to 95°C – an improvement of 10°C. Also retained with the new CYLACTIN[®] probiotic are excellent flowability and mixing properties, as well as freedom from dust.

CYLACTIN[®] ME20 plus is available for broilers, sows, piglets and feeding pigs, and for inclusion in milk replacers.

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DSM - Bright Science. Brighter Living.™

DSM Nutritional Products is a Business Group of Royal DSM N.V., a global science-based company active in health, nutrition and materials. By connecting its unique competences in Life Sciences and Materials Sciences DSM is driving economic prosperity, environmental progress and social advances to create sustainable value for all stakeholders. DSM delivers innovative solutions that nourish, protect and improve performance in global markets such as food and dietary supplements, personal care, feed, pharmaceuticals, medical devices, automotive, paints, electrical and electronics, life protection, alternative energy and bio-

based materials. DSM's 22,000 employees deliver annual net sales of about € 9 billion. The company is listed on NYSE Euronext. More information can be found at www.dsmnutritionalproducts.com and www.dsm.com

For more information:

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Forward-looking statements

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