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## GM Food & Feed - Community Register of GM Food and Feed

<b>Event</b>	<b>MS8, RF3, MS8xRF3</b>
<b>Notifier</b>	Bayer CropScience GmbH
<b>Notifier address</b>	Bayer CropScience GmbH Industriepark Höchst, K607 D-65926 Frankfurt am Main - GERMANY
<b>Scope of notification</b>	<p><b>1.) Processed oil from genetically modified oilseed rape derived from:</b>  <b>a) the male sterile MS8 (DBN 230-0028) oilseed rape line and all conventional crosses</b>  <b>b) the fertility restorer RF3 (DBN212-0005) oilseed rape line and all conventional crosses</b>  <b>c) the hybrid combination MS8 x RF3 (ACS-BNØ05-8 x ACS-BNØ03-6)</b></p> <p>notified as existing food falling within the scope of Article 8(1)(a) of Regulation (EC) No 1829/2003, which is produced from a genetically modified organism (GMO) and which has been placed on the market in accordance with Art. 5 of Regulation (EC) No 258/97, notification forwarded to Member States on 8/11/1999, opinion on substantial equivalence by the German Bundesinstitut für gesundheitlichen Verbraucherschutz und Veterinärmedizin (bgvv) on 30/09/1999.</p> <p><b>2.) Oilseed rape derived from:</b>  <b>a) the male sterile MS8 (DBN 230-0028) oilseed rape line</b>  <b>b) the fertility restorer RF3 (DBN212-0005) oilseed rape line</b>  <b>c) the hybrid combination MS8xRF3 (ACS-BNØ05-8 x ACS-BNØ03-6)</b></p> <p>notified as existing feed falling within the scope of Article 20(1)(b) of Regulation (EC) No 1829/2003, namely as feed materials which are produced from a genetically modified organism (GMO).</p>
<b>Designation</b>	<p>1.) The male sterile oilseed rape line MS8 and progeny obtained through traditional breeding crosses with non-transgenic rape (<i>Brassica napus</i> L spp <i>oleifera</i>). Line MS8 contains a barnase gene (origin <i>Bacillus amyloliquefaciens</i>) coding for a ribonuclease, that is only expressed in the tapetum cells during anther development and results in lack of viable pollen and male sterility, and a bar gene (origin <i>Streptomyces hygroscopus</i>) coding for a phosphinothricin acetyl transferase (PAT) used as a selectable marker for tolerance to herbicides containing glufosinate ammonium. The bar gene is driven by a plant promoter that is active in all green tissues of the plant.</p> <p>2.) The fertility restoration line oilseed rape RF3 and progeny obtained through traditional breeding crosses with non-transgenic rape (<i>Brassica napus</i> L spp <i>oleifera</i>). Line RF3 contains a barstar gene (origin <i>Bacillus amyloliquefaciens</i>), coding for an inhibitor of the Barnase protein, that is only expressed in the tapetum cells and lead to restoration of fertility after crossing to the male sterile line, and a bar gene (origin <i>Streptomyces hygroscopus</i>) coding for PAT used as a selectable marker for tolerance to herbicides containing glufosinate ammonium. The bar gene is driven by a plant promoter that is active in all green tissues of the plant.</p> <p>3.) The hybrid seed derived from traditional crossings between the parental lines MS8 and RF3.</p>
<b>Labelling</b>	Article 13(1) and 25(1) of Regulation (EC) No 1829/2003
<b>Method for detection</b>	<ul style="list-style-type: none"> <li>• A real-time quantitative PCR detection method for MS8, RF3, MS8xRF3 oilseed rape</li> <li>• This detection method is under validation by the Joint Research Centre (JRC) of the European Commission, URL: <a href="http://gmo-crl.jrc.it/statusofdoss.htm">http://gmo-crl.jrc.it/statusofdoss.htm</a></li> </ul>
<b>Reference material</b>	Molecular & Biochemical Analytical Services Bayer BioScience N.V. Technologiepark 38 B- 9052 Gent, Belgium

<b>Unique identifier</b>	ACS-BN005-8 ACS-BN003-6 ACS-BN005-8 x ACS-BN003-6
<b>Annex II to the Cartagena Protocol</b>	Biosafety Clearing House, Record ID 1232, URL: <a href="http://bch.biodiv.org/database/record.aspx?searchid=142832&amp;recordid=1232">http://bch.biodiv.org/database/record.aspx?searchid=142832&amp;recordid=1232</a>
<b>Conditions or restrictions on the placing on the market</b>	Not applicable
<b>Post-market monitoring requirements</b>	Not appropriate
<b>Date of entry into the register</b>	18-04-2005
<b>Date of placing on the market</b>	<ul style="list-style-type: none"><li>● 08/11/1999 (MS8, RF3, MS8 x RF3 as food)</li><li>● 01/01/2000 (MS8 x RF3 as feed)</li></ul>
<b>Legal base</b>	Art. 8(1)(a) and 20(1)(b) of the Regulation (EC) No 1829/2003
<b>Further information on risk assessment</b>	Scientific Committee on Plants, URL: <a href="http://europa.eu.int/comm/food/fs/sc/scp/out09_en.html">http://europa.eu.int/comm/food/fs/sc/scp/out09_en.html</a>