

Status: Point in time view as at 31/12/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) No 1065/2012, ANNEX. (See end of Document for details)

ANNEX

Identification number of the additive	Name of the holder of authorisation	Additive	Chemical formula, analytical method	Species, category, animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
Category of technological additives. Functional group: silage additives									
1k20716	—	<i>Lactobacillus plantarum</i> (DSM 23375)	—	<p>Additive composition Preparation of <i>Lactobacillus plantarum</i> (DSM 23375) containing a minimum of 2×10^{10} CFU/g additive</p> <p>Characterisation of the active substance <i>Lactobacillus plantarum</i> (DSM 23375)</p> <p>Analytical method^a Enumeration in the feed additive: spread plate method</p>	—	—	—	<p>1.</p> <p>2.</p>	<p>4 December 2022</p> <p>the directions for use of the additive and premixture, indicate the storage temperature and storage life.</p> <p>Minimum dose of the additive when used without combination with other micro-organisms as silage additives: 1×10^8</p>

a Details of the analytical methods are available at the following address of the Reference Laboratory: http://imm.jrc.ec.europa.eu/EURLs/EURL_feed_additives/Pages/index.aspx

b Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Moderately difficult to ensile forages: 1,5-3,0 % soluble carbohydrate in fresh material (e.g. meadow grass, fescue or wilted alfalfa). Commission Regulation (EC) No 429/2008 (OJ L 133, 22.5.2008, p. 1).

c Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Regulation (EC) No 429/2008.

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				using MRS agar (EN 15787) Identification in the feed additive: pulsed-field gel electrophoresis (PFGE).			3.	CFU/kg fresh material. For safety: it is recommended to use breathing protection and gloves during handling.
1k20717	—	<i>Lactobacillus plantarum</i> (CNCM I-3235)	Additive animal preparation of <i>Lactobacillus plantarum</i> (CNCM I-3235) containing a minimum of 5×10^{10} CFU/g additive Characterisation of the active substance <i>Lactobacillus plantarum</i> (CNCM I-3235)	—		—	1.	4 In December 2022 directions for use of the additive and premixture, indicate the storage temperature and storage life.
							2.	Minimum dose of the additive when used without combination

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b Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Moderately difficult to ensile forages: 1,5-3,0 % soluble carbohydrate in fresh material (e.g. meadow grass, fescue or wilted alfalfa). Commission Regulation (EC) No 429/2008 (OJ L 133, 22.5.2008, p. 1).

c Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Regulation (EC) No 429/2008.

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				Analytical method ^a Enumeration in the feed additive: spread plate method using MRS agar (EN 15787) Identification in the feed additive: pulsed-field gel electrophoresis (PFGE).			3.	with other micro-organisms as silage additives: 2 × 10 ⁷ CFU/kg fresh material. For safety: it is recommended to use breathing protection and gloves during handling.
1k20718	—	<i>Lactobacillus plantarum</i> (DSM 19457)	—	Additive animal preparation of <i>Lactobacillus plantarum</i> (DSM 19457) containing a minimum of 1 × 10 ¹⁰ CFU/g additive		—	1.	4 December 2022 The directions for use of the additive and premixture, indicate the storage temperature and storage life.

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b Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Moderately difficult to ensile forages: 1,5-3,0 % soluble carbohydrate in fresh material (e.g. meadow grass, fescue or wilted alfalfa). Commission Regulation (EC) No 429/2008 (OJ L 133, 22.5.2008, p. 1).

c Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Regulation (EC) No 429/2008.

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			<p><i>Characterisation of the active substance <i>Lactobacillus plantarum</i> (DSM 19457) Analytical method^a Enumeration in the feed additive: spread plate method using MRS agar (EN 15787) Identification in the feed additive: pulsed-field gel electrophoresis (PFGE).</i></p>			2.	Minimum dose of the additive when used without combination with other micro-organisms as silage additives: 5 × 10 ⁷ CFU/kg fresh material.
						3.	For safety: it is recommended to use breathing protection and gloves during handling.
1k20719	—	<i>Lactobacillus plantarum</i> (DSM 16565)	<p>Additive — animal preparation of <i>Lactobacillus plantarum</i> (DSM 16565) containing</p>	—	—	1.	4 December 2022 In the directions for use of the additive

a Details of the analytical methods are available at the following address of the Reference Laboratory: http://imm.jrc.ec.europa.eu/EURLs/EURL_feed_additives/Pages/index.aspx

b Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Moderately difficult to ensile forages: 1,5-3,0 % soluble carbohydrate in fresh material (e.g. meadow grass, fescue or wilted alfalfa). Commission Regulation (EC) No 429/2008 (OJ L 133, 22.5.2008, p. 1).

c Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Regulation (EC) No 429/2008.

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				<p>a minimum of 5×10^{10} CFU/ g additive <i>Characterisation of the active substance Lactobacillus plantarum (DSM 16565) Analytical method^a Enumeration in the feed additive: spread plate method using MRS agar (EN 15787) Identification in the feed additive: pulsed- field gel electrophoresis (PFGE).</i></p>			<p>and premixure, indicate the storage temperature and storage life.</p> <p>2. Minimum dose of the additive when used without combination with other micro- organisms as silage additives: 1×10^8 CFU/ kg fresh material.</p> <p>3. For safety: it is recommended to use breathing protection and gloves during handling.</p>
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b Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Moderately difficult to ensile forages: 1,5-3,0 % soluble carbohydrate in fresh material (e.g. meadow grass, fescue or wilted alfalfa). Commission Regulation (EC) No 429/2008 (OJ L 133, 22.5.2008, p. 1).

c Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Regulation (EC) No 429/2008.

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1k20720	—	<i>Lactobacillus plantarum</i> (DSM 16568)	Additive animal preparation of <i>Lactobacillus plantarum</i> (DSM 16568) containing a minimum of 5×10^{10} CFU/g additive Characterisation of the active substance <i>Lactobacillus plantarum</i> (DSM 16568) Analytical method^a Enumeration in the feed additive: spread plate method using MRS agar (EN 15787) Identification in the feed	—	—	1.	4 December 2022 the directions for use of the additive and premixture, indicate the storage temperature and storage life.
						2.	Minimum dose of the additive when used without combination with other micro-organisms as silage additives: 1×10^8 CFU/kg fresh material.
						3.	For safety: it is

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b Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Moderately difficult to ensile forages: 1,5-3,0 % soluble carbohydrate in fresh material (e.g. meadow grass, fescue or wilted alfalfa). Commission Regulation (EC) No 429/2008 (OJ L 133, 22.5.2008, p. 1).

c Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Regulation (EC) No 429/2008.

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				additive: pulsed- field gel electrophoresis (PFGE).				recommended to use breathing protection and gloves during handling.
1k20721	—	<i>Lactobacillus plantarum</i> (LMG 21295)	—	<p>Additive composition Preparation of <i>Lactobacillus plantarum</i> (LMG 21295) containing a minimum of 5×10^{10} CFU/g additive</p> <p>Characterisation of the active substance <i>Lactobacillus plantarum</i> (LMG 21295)</p> <p>Analytical method^a Enumeration in the feed additive: spread plate method</p>	—	—	1.	4 December 2022 the directions for use of the additive and premixture, indicate the storage temperature and storage life.
							2.	Minimum dose of the additive when used without combination with other micro-organisms as silage additives: 1×10^8

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b Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Moderately difficult to ensile forages: 1,5-3,0 % soluble carbohydrate in fresh material (e.g. meadow grass, fescue or wilted alfalfa). Commission Regulation (EC) No 429/2008 (OJ L 133, 22.5.2008, p. 1).

c Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Regulation (EC) No 429/2008.

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				using MRS agar (EN 15787) Identification in the feed additive: pulsed-field gel electrophoresis (PFGE).			3.	CFU/kg fresh material. For safety: it is recommended to use breathing protection and gloves during handling.
1k20722	—	<i>Lactobacillus plantarum</i> (CNCM MA 18/5U)	Additive animal preparation of <i>Lactobacillus plantarum</i> (CNCM MA 18/5U) containing a minimum of 2×10^{10} CFU/g additive <i>Characterisation of the active substance Lactobacillus plantarum</i> (CNCM	—		—	1.	4 In December 2022 directions for use of the additive and premixture, indicate the storage temperature and storage life.
							2.	Minimum dose of the additive when used without combination

a Details of the analytical methods are available at the following address of the Reference Laboratory: http://irimm.jrc.ec.europa.eu/EURLs/EURL_feed_additives/Pages/index.aspx

b Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Moderately difficult to ensile forages: 1,5-3,0 % soluble carbohydrate in fresh material (e.g. meadow grass, fescue or wilted alfalfa). Commission Regulation (EC) No 429/2008 (OJ L 133, 22.5.2008, p. 1).

c Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Regulation (EC) No 429/2008.

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			MA 18/5U) <i>Analytical method^a</i> Enumeration in the feed additive: spread plate method using MRS agar (EN 15787) Identification in the feed additive: pulsed-field gel electrophoresis (PFGE).			3.	with other micro-organisms as silage additives: 1 × 10 ⁸ CFU/kg fresh material. For safety: it is recommended to use breathing protection and gloves during handling.
1k20723	—	<i>Lactobacillus plantarum</i> (NCIMB 30094)	Additive animal preparation of <i>Lactobacillus plantarum</i> (NCIMB 30094) containing a minimum of 5 × 10 ¹⁰ CFU/g additive	—	—	1.	4 In December 2022 directions for use of the additive and premixture, indicate the storage temperature and storage life.

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b Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Moderately difficult to ensile forages: 1,5-3,0 % soluble carbohydrate in fresh material (e.g. meadow grass, fescue or wilted alfalfa). Commission Regulation (EC) No 429/2008 (OJ L 133, 22.5.2008, p. 1).

c Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Regulation (EC) No 429/2008.

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				<p><i>Characterisation of the active substance <i>Lactobacillus plantarum</i> (NCIMB 30094) Analytical method^a Enumeration in the feed additive: spread plate method using MRS agar (EN 15787) Identification in the feed additive: pulsed-field gel electrophoresis (PFGE).</i></p>			<p>2. Minimum dose of the additive when used without combination with other micro-organisms as silage additives: 1 × 10⁹ CFU/kg fresh material.</p> <p>3. For safety: it is recommended to use breathing protection and gloves during handling.</p>
1k20724	—	<i>Lactobacillus plantarum</i> (VTT E-78076)	—	<p>Additive — animal preparation of <i>Lactobacillus plantarum</i> (VTT E-78076) containing</p>		—	<p>1. 4 December 2022 directions for use of the additive</p>

a Details of the analytical methods are available at the following address of the Reference Laboratory: http://imm.jrc.ec.europa.eu/EURLs/EURL_feed_additives/Pages/index.aspx

b Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Moderately difficult to ensile forages: 1,5-3,0 % soluble carbohydrate in fresh material (e.g. meadow grass, fescue or wilted alfalfa). Commission Regulation (EC) No 429/2008 (OJ L 133, 22.5.2008, p. 1).

c Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Regulation (EC) No 429/2008.

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				<p>a minimum of 1×10^{11} CFU/ g additive</p> <p><i>Characterisation of the active substance Lactobacillus plantarum (VTT E-78076) Analytical method^a Enumeration in the feed additive: spread plate method using MRS agar (EN 15787) Identification in the feed additive: pulsed- field gel electrophoresis (PFGE).</i></p>				<p>and premixure, indicate the storage temperature and storage life.</p> <p>2. Minimum dose of the additive when used without combination with other micro- organisms as silage additives: 1×10^9 CFU/ Kg fresh material.</p> <p>3. The additive shall be used in easy and moderately difficult to ensile material^b.</p>
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b Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Moderately difficult to ensile forages: 1,5-3,0 % soluble carbohydrate in fresh material (e.g. meadow grass, fescue or wilted alfalfa). Commission Regulation (EC) No 429/2008 (OJ L 133, 22.5.2008, p. 1).

c Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Regulation (EC) No 429/2008.

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							4.	For safety: it is recommended to use breathing protection and gloves during handling.
1k20725	—	<i>Lactobacillus plantarum</i> (ATCC PTSA-6139)	Additive animal preparation of <i>Lactobacillus plantarum</i> (ATCC PTSA-6139) containing a minimum of 1×10^{10} CFU/g additive <i>Characterisation of the active substance Lactobacillus plantarum</i> (ATCC PTSA-6139) <i>Analytical method^a</i> Enumeration in the	—	—	—	1.	4 In December 2022 directions for use of the additive and premixture, indicate the storage temperature and storage life.
							2.	Minimum dose of the additive when used without combination with other micro-organisms

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b Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Moderately difficult to ensile forages: 1,5-3,0 % soluble carbohydrate in fresh material (e.g. meadow grass, fescue or wilted alfalfa). Commission Regulation (EC) No 429/2008 (OJ L 133, 22.5.2008, p. 1).

c Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Regulation (EC) No 429/2008.

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				feed additive: spread plate method using MRS agar (EN 15787) Identification in the feed additive: pulsed-field gel electrophoresis (PFGE).				3. as silage additives: 2 × 10 ⁷ CFU/kg fresh material. The additive shall be used in easy to ensile material ^e .
								4. For safety: it is recommended to use breathing protection and gloves during handling.
1k20726	—	<i>Lactobacillus plantarum</i> (DSM 18112)	—	Additive animal preparation of <i>Lactobacillus plantarum</i> (DSM 18112) containing a minimum of	—	—	1.	4 In December 2022 directions for use of the additive and premixture, indicate

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b Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Moderately difficult to ensile forages: 1,5-3,0 % soluble carbohydrate in fresh material (e.g. meadow grass, fescue or wilted alfalfa). Commission Regulation (EC) No 429/2008 (OJ L 133, 22.5.2008, p. 1).

c Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Regulation (EC) No 429/2008.

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			<p>1 × 10¹⁰ CFU/ g additive</p> <p><i>Characterisation of the active substance Lactobacillus plantarum (DSM 18112) Analytical method^a Enumeration in the feed additive: spread plate method using MRS agar (EN 15787) Identification in the feed additive: pulsed- field gel electrophoresis (PFGE).</i></p>			<p>the storage temperature and storage life.</p> <p>2. Minimum dose of the additive when used without combination with other micro- organisms as silage additives: 5 × 10⁶ CFU/ kg fresh material.</p> <p>3. The additive shall be used in easy to ensile material^c.</p> <p>4. For safety: it is recommended to</p>
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b Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Moderately difficult to ensile forages: 1,5-3,0 % soluble carbohydrate in fresh material (e.g. meadow grass, fescue or wilted alfalfa). Commission Regulation (EC) No 429/2008 (OJ L 133, 22.5.2008, p. 1).

c Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Regulation (EC) No 429/2008.

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								use breathing protection and gloves during handling.
1k20727	—	<i>Lactobacillus plantarum</i> (DSM 18113)	<p>Additive composition</p> <p>Preparation of <i>Lactobacillus plantarum</i> (DSM 18113) containing a minimum of 1×10^{10} CFU/g additive</p> <p>Characterisation of the active substance</p> <p><i>Lactobacillus plantarum</i> (DSM 18113)</p> <p>Analytical method^a</p> <p>Enumeration in the feed additive: spread plate method using MRS</p>	—	—	—	1.	<p>4 December 2022</p> <p>the directions for use of the additive and premixture, indicate the storage temperature and storage life.</p>
							2.	<p>Minimum dose of the additive when used without combination with other micro-organisms as silage additives: 2×10^7 CFU/kg</p>

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b Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Moderately difficult to ensile forages: 1,5-3,0 % soluble carbohydrate in fresh material (e.g. meadow grass, fescue or wilted alfalfa). Commission Regulation (EC) No 429/2008 (OJ L 133, 22.5.2008, p. 1).

c Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Regulation (EC) No 429/2008.

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				agar (EN 15787) Identification in the feed additive: pulsed-field gel electrophoresis (PFGE).			3.	fresh material. The additive shall be used in easy to ensile material ^e .
							4.	For safety: it is recommended to use breathing protection and gloves during handling.
1k20728	—	<i>Lactobacillus plantarum</i> (DSM 18114)	—	Additive animal preparation of <i>Lactobacillus plantarum</i> (DSM 18114) containing a minimum of 1×10^{10} CFU/g additive <i>Characterisation of</i>	—	—	1.	4 December 2022 the directions for use of the additive and premixture, indicate the storage temperature and storage life.

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b Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Moderately difficult to ensile forages: 1,5-3,0 % soluble carbohydrate in fresh material (e.g. meadow grass, fescue or wilted alfalfa). Commission Regulation (EC) No 429/2008 (OJ L 133, 22.5.2008, p. 1).

c Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Regulation (EC) No 429/2008.

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				<p><i>the active substance Lactobacillus plantarum (DSM 18114) Analytical method^a Enumeration in the feed additive: spread plate method using MRS agar (EN 15787) Identification in the feed additive: pulsed-field gel electrophoresis (PFGE).</i></p>			<p>2. Minimum dose of the additive when used without combination with other micro-organisms as silage additives: 2 × 10⁷ CFU/kg fresh material.</p> <p>3. The additive shall be used in easy to ensile material^c.</p> <p>4. For safety: it is recommended to use breathing protection and gloves</p>
a	Details of the analytical methods are available at the following address of the Reference Laboratory: http://irmm.jrc.ec.europa.eu/EURLs/EURL_feed_additives/Pages/index.aspx						
b	Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Moderately difficult to ensile forages: 1,5-3,0 % soluble carbohydrate in fresh material (e.g. meadow grass, fescue or wilted alfalfa). Commission Regulation (EC) No 429/2008 (OJ L 133, 22.5.2008, p. 1).						
c	Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Regulation (EC) No 429/2008.						

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1k20729	—	<i>Lactobacillus plantarum</i> (ATCC 55943)	<p>Additive composition Preparation of <i>Lactobacillus plantarum</i> (ATCC 55943) containing a minimum of 1×10^{10} CFU/g additive</p> <p>Characterisation of the active substance <i>Lactobacillus plantarum</i> (ATCC 55943)</p> <p>Analytical method^a Enumeration in the feed additive: spread plate method using MRS agar (EN 15787)</p> <p>Identification in</p>	—	—	1.	4 In December 2022 the directions for use of the additive and premixture, indicate the storage temperature and storage life.
						2.	Minimum dose of the additive when used without combination with other micro-organisms as silage additives: 2×10^7 CFU/kg fresh material.
						3.	The additive

a Details of the analytical methods are available at the following address of the Reference Laboratory: http://irmm.jrc.ec.europa.eu/EURLs/EURL_feed_additives/Pages/index.aspx

b Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Moderately difficult to ensile forages: 1,5-3,0 % soluble carbohydrate in fresh material (e.g. meadow grass, fescue or wilted alfalfa). Commission Regulation (EC) No 429/2008 (OJ L 133, 22.5.2008, p. 1).

c Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Regulation (EC) No 429/2008.

Status: Point in time view as at 31/12/2020.

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) No 1065/2012, ANNEX. (See end of Document for details)

				the feed additive: pulsed-field gel electrophoresis (PFGE).			4.	shall be used in easy to ensile material ^c . For safety: it is recommended to use breathing protection and gloves during handling.
1k20730	—	<i>Lactobacillus plantarum</i> (ATCC 55944)	Additive animal preparation of <i>Lactobacillus plantarum</i> (ATCC 55944) containing a minimum of 1 × 10 ¹⁰ CFU/g additive <i>Characterisation of the active substance</i>	—	—	—	1.	4 December 2022 the directions for use of the additive and premixture, indicate the storage temperature and storage life.
							2.	Minimum dose of the additive

a Details of the analytical methods are available at the following address of the Reference Laboratory: http://irimm.jrc.ec.europa.eu/EURLs/EURL_feed_additives/Pages/index.aspx

b Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Moderately difficult to ensile forages: 1,5-3,0 % soluble carbohydrate in fresh material (e.g. meadow grass, fescue or wilted alfalfa). Commission Regulation (EC) No 429/2008 (OJ L 133, 22.5.2008, p. 1).

c Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Regulation (EC) No 429/2008.

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				<p><i>Lactobacillus plantarum</i> (ATCC 55944) Analytical method^a Enumeration in the feed additive: spread plate method using MRS agar (EN 15787) Identification in the feed additive: pulsed-field gel electrophoresis (PFGE).</p>			<p>when used without combination with other micro-organisms as silage additives: 5 × 10⁶ CFU/kg fresh material.</p> <p>3. The additive shall be used in easy to ensile material^c.</p> <p>4. For safety: it is recommended to use breathing protection and gloves during handling.</p>
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a Details of the analytical methods are available at the following address of the Reference Laboratory: http://irmm.jrc.ec.europa.eu/EURLs/EURL_feed_additives/Pages/index.aspx

b Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Moderately difficult to ensile forages: 1,5-3,0 % soluble carbohydrate in fresh material (e.g. meadow grass, fescue or wilted alfalfa). Commission Regulation (EC) No 429/2008 (OJ L 133, 22.5.2008, p. 1).

c Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Regulation (EC) No 429/2008.

Status:

Point in time view as at 31/12/2020.

Changes to legislation:

There are currently no known outstanding effects for the Commission Implementing Regulation (EU) No 1065/2012, ANNEX.