

Manure analysis  
Manure valueEurofins Agro  
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Your client number is:

Eurofins BU Manure  
Customer Support  
Postbus 170  
6700 AD WAGENINGEN

Analysis	Sample/ordernr:	Date sampling: [dd-mm-yyyy]	Date report: [dd-mm-yyyy]
Results present in the product	Unit	Result	Matrix average
Dry matter	g DM/kg	1209	76
Crude ash	g/kg	220	19
Organic Matter	g OM/kg	989	55
Nitrogen	g N/kg	1,00	4,30
C/N ratio		445	
Nitrogen-ammonia	g NH <sub>3</sub> -N/kg	1,0	1,8
Organic Nitrogen	g N-org/kg	< 0,1	2,5
Phosphorus	g P/kg	0,63	
Phosphate	g P <sub>2</sub> O <sub>5</sub> /kg	1,44	1,40
Potassium	g K/kg	4,6	
Potassium	g K <sub>2</sub> O/kg	5,5	5,4
Magnesium	g Mg/kg	0,8	
Magnesia	g MgO/kg	1,3	1,3
Soda	g Na/kg	0,7	
Sodium	g Na <sub>2</sub> O/kg	0,9	0,9

**Explanation** The medium density of this kind of fertilizer: 1005 kg/m<sup>3</sup>.  
The impact factors for this manure type are mentioned on the backside. In case no manure type is known, standard impact factors are shown.

**Contact & info** Receiving date: [dd-mm-yyyy]  
Kind of animal dung: Cattle slurry manure  
Sample was taken by: Third party  
Contactperson sampling: Klantenservice mest: 0888761006

After this report has been sent, the sample will be stored for another two weeks for you at Eurofins Agro if the nature and test method of the sample so permit. Within that period you may complain and/or request additional tests.

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[dd-mm-yyyy]



This report has been released under the responsibility of ir. Ingwer Melman, Business Unit Manager. All our services are covered by our General Conditions. These conditions and/or the specifications of the analysis methods will be sent to you on request. Eurofins Agro Testing Wageningen B.V. is not liable for any adverse consequences resulting from the use of test results and/or recommendations supplied by us or on our behalf.

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Contact & info	Dry matter	Q	Em: VAS3	Phosphate	P expressed as $P_2O_5$
	Crude ash	Q	Em: VAS3	Potassium	Em: CFA8:(Gw NEN 6966)
	Organic Matter		derivative value	Potassium	K expressed as $K_2O$
	Nitrogen	Q	MEST-OVB + CFA8 cf AP05	Magnesium	Em: CFA8:(Gw NEN 6966)
	C/N ratio		derivative value	Magnesia	Mg expressed as MgO
	Nitrogen-ammonia	Q	EM: AMM5	Soda	Em: CFA8:(Gw NEN 6966)
	Organic Nitrogen		derivative value	Sodium	Na expressed as $Na_2O$
	Phosphorus	Q	MEST-OVB + CFA8 cf AP05		

Q Method accredited by RvA

Em: Method Eurofins Agro, Gw: Equivalent of, Cf: In conformity with

The analyses were done at Eurofins Agro, Wageningen (NL).

The results relate exclusively to the material supplied, which Eurofins Agro received and was processed on [dd-mm-yyyy], and therefore to the sample analysed. For a detailed description of the sampling and analysis methods used, visit [www.eurofins-agro.com](http://www.eurofins-agro.com)

The measurement uncertainty of a method can be requested from Eurofins Agro. The analysis date is not stated separately because it is the same to the receiving date.

pasture		Nitrogen		Phosphate		Potassium		
		1st	others	1st	others	1st	others	
<b>Cuts after application</b>								
<b>Sod manuring/sod-injection before 1st cut</b>								
	Impact mineral Nitrogen (%)	56	20	50	50	75	25	
	Impact organic Nitrogen (%)	4	20					
<b>Sod manuring/sod-injection after 1st cut</b>								
	Impact mineral Nitrogen (%)	44	32	50	50	60	40	
	Impact organic Nitrogen (%)	6	18					
<b>Tow application</b>								
	Impact mineral Nitrogen (%)	58	6	75	25	90	10	
	Impact organic Nitrogen (%)	6	18					
<b>Spoil by raining</b>								
	Impact mineral Nitrogen (%)	60	6	75	25	90	10	
	Impact organic Nitrogen (%)	6	18					
arable land		Nitrogen		Phosphate		Potassium		
		1st	others	1st	others	1st	others	
<b>Year after application</b>								
<b>Injector</b>								
	Impact mineral Nitrogen (%)	95		60	40	100		
	Impact organic Nitrogen (%)	20						
<b>Incorporate superficially</b>								
	Impact mineral Nitrogen (%)	80		60	40	100		
	Impact organic Nitrogen (%)	20						

**Explanation** The impact factors are valid for manure application on arable land in spring. When applied in autumn ca. 25% of the whole nitrogen will become effective.

impact mineral nitrogen = %-impact of the determined value of nitrogen-ammonia ( $N-NH_3$ ).  
impact organic nitrogen = %-impact of the determined value of organic nitrogen ( $N-org$ ).

To determine the total impact of nitrogen from the manure add the values of the mineral and organic impacts.

The total effective value can be estimated using the following expression:  
Result x impact x volume of application