

Manure analysis Manure value

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Analysis	Sample/ordernr:	Date sampling: [dd-mm-yyyy]	Date report: [dd-mm-yyyy]
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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 ₃ -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 ₂ O ₅ /kg	1,44	1,40
Potassium	g K/kg	4,6	
Potassium	g K ₂ 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 ₂ O/kg	0,9	0,9

Explanation The medium density of this kind of fertilizer: 1005 kg/m³.
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.

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

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