



"Financing below euro per kg of milk"
"Optimizing technical results"
"Accurate feeding and fertilizing"

Farm characteristics 2022

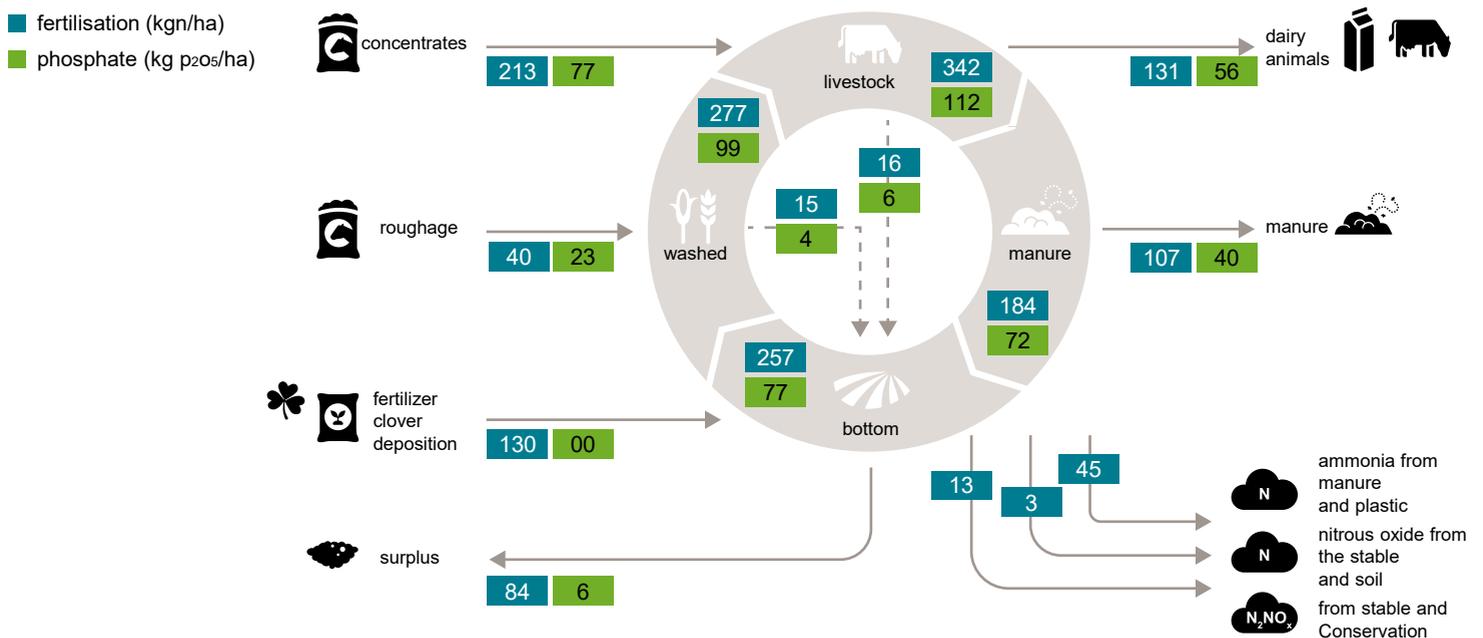
soil type	grassland (ha)	maize (ha)	cows	young stock
sand	47.7	21.2	139	70
young stock/10 cows	quota (kg)	milk production (kg/cow.yr)	intensity (kg milk/ha)	concentrate use (kg/100kg milk)
5.7	1.313.994	9.487	18.513	(kg by 88% ds) 24

Project goals Post

- RE-to in ration of livestock
- protein from our own country (including protein from the neighbourhood)
- ammonia emission per ha
- greenhouse gas emission (after allocation to milk)
- methane rumen fermentation (without allocation to milk)
- nitrogen soil surplus

	K&K average result 2022	result 2022	purpose 2023
RE-to in ration of livestock	153	155	< 153
protein from our own country (including protein from the neighbourhood)	64	55	< 65
ammonia emission per ha	56	55	< 54
greenhouse gas emission (after allocation to milk)	1027	1119	< 1050
methane rumen fermentation (without allocation to milk)	16.6	17.5	< 16
nitrogen soil surplus	160	87	< 77

Fertilisation- and Phosphate cycle 2022





(per ha/kg)

slurry*
fertilizer
meadow manure*
depositie
total

production grassland		
m ₃	N	P ₂ O ₅
60	195	76
	134	
	25	8
	0	
	354	95

cut corn		
m ₃	N	P ₂ O ₅
37	120	48
	2	
	122	48

*Net amount of fertilization, so excl. NH₃ losses during administration. The amount of nitrogen is not only the active part, but total.

Quality roughage 2022

Dry matter yield (kg DS/ha)
VEM yield (kVEM/ha)
VEM content harvested product (/ha)
RE content harvested product (/kg ds)

Production grassland	
	10653
	10556
	991
	147

cut corn	
	19158
	18168
	948
	66

Biodiversity 2022



Measures Frank Post 2023

- Ecological ditch management
- Flower strip

Measures to promote nature and landscape on total area



Percentage kruidenrijk grasland ten opzichte van het totale areaal



Bron staafdiagrammen: BOERENNATUUR

Koeien & Kansen is a partnership of 16 future-oriented dairy farmers, pilot farm De Marke, Wageningen University & Research and advisory services. With a subsidy from the Ministries of LNV and I&W and on behalf of the organized business community, the project tests, evaluates and improves the effectiveness and feasibility of (intended) various laws and regulations under practical conditions and supports the Dutch dairy farming sector in its implementation. The results of Cows & Opportunities can be found at: www.koeienenkansen.nl. For questions you can mail to: info@koeienenkansen.nl.