



"Optimizing business operations is now the main priority, both economically, technically, and socially"

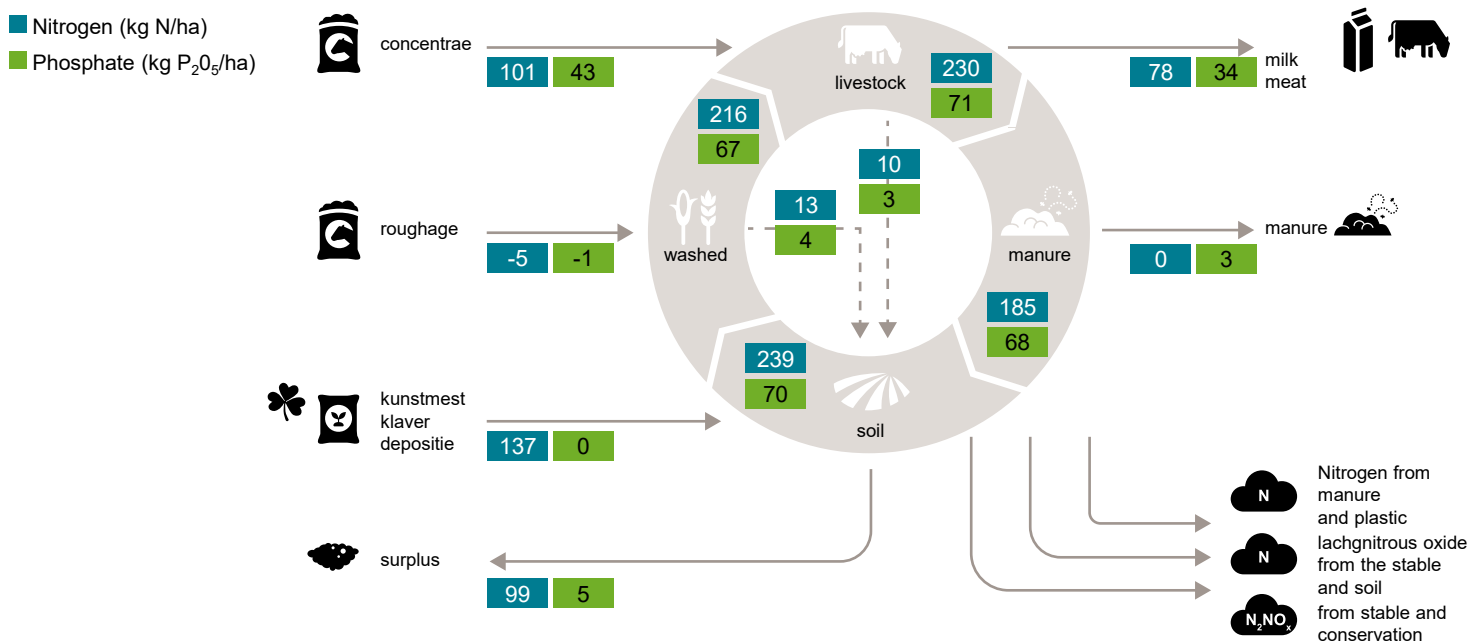
Farm characteristics 2025

Soil type	Grassland (ha)	Weat	Cows	Young stock
clay and peat	108	12	189	95
Young stock/10 cows	Milkproduction	Milk production (kg/cow.vr)	Intensity (kg mil/ha)	Concentrate use (kg/100kg milk)
5,0	1.777.943	10.108	13.823	(kg bij 88% ds) 39

Project goals Koopman

		result 2024	goal 2025	result 2025	goal 2026
total-CP to in ration of livestock	gr/kg ds	161	<151	171	<150
home-grown protein (incl. protein from the neighbourhood)	%	66	>65	62	>65
ammonia emission per ha	kg NH ₃ /ha	51	<41	48	<43
greenhouse gas emission (allocated to milk production)	kg CO ₂ -eq/kg FPCM	759	<855	1257	<855
methane rumen fermentation (not allocated to milk prod.)	kg CH ₄ /100kg melk	17,1	<15,5	15,9	<15,5
nitrogen surplus in the soil	kg N/ha	123	<158	99	
phosphate surplus	kg P ₂ O ₅ /ha	-	<0	5	< 0

Nitrogen –and Phosphate cycle 2025



Fertilization 2025

(ha/kg)

slurry*

fertilizer

meadow manure*

deposition

total



Production grassland		
m ₃	N	P ₂ O ₅
46	170	67
	93	0
	71	21
	3	
337	88	



Silage maize		
m ₃	N	P ₂ O ₅
25	90	37
	28	0
118	37	

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

Quality roughage 2025

Dry matter yield (kg DS/ha)

VEM yield (kVEM/ha)

VEM content harvested product (/ha)

RE content harvested product (/kg ds)

Production grassland	
9325	
8626	
923	
168	

Silage maize	
12284	
12921	
1052	
66	

KPI Herb-Rich Grassland/ KPI Nature and Lanscape 2025



- Measures Koopman:
- Control dock locally on own management using a Rumbojet Spotsprayer
 - A nature-friendly bank and farmland bank totaling about 2 kilometers
 - Wet area of 5000 m²

Measures to promote nature and landscape on total area



Percentage of herb-rich grassland relative to the total area



Using a biomulch, the herbs/clovers are sown with grass in a single pass

