Ammonia emmission from laying hens - Stjörnuegg hf.
2025 production

Laying hens

Animal units	75 000

Stable balance N	In	Out
Feed	80 392	
Pullets	2 099	
Eggs		25 384
Animals to slaughter		2 782
Discarded eggs		96
Carcass		122
	82 491	28 384
Nitrogen from animals		**54 107**
Excreted N, kg/animal unit and year		0,72
BAT-reference value, BAT 3		0,4-0,8

Stable balance P	In	Out
Feed	13 476	
Pullets	467	
Eggs		2 686
Animals to slaughter		618
Discarded eggs		10
Carcass		27
	13 943	3 341
Phosphorus from animals		**10 602**
Excreted P, kg/animal unit and year		0,14
Excreted P2O5, kg/animal unit and year		0,32
BAT-reference value (P), BAT 4		0,04-0,19
BAT-reference value (P2O5), BAT 4		0,10-0,45

Ammonia-N from stable	Solid manure
Nitrogen from animals	54 107
Nitrogen loss from stable	**5 411**
Ammonia loss from stable	6 570
Ammonia, kg/animal unit and year	0,09
BAT-limit value Non-cage system, BAT 31	0,02-0,13

Ammonia-N from storage, kg	Solid manure
Nitrogen after sable	48 696
Nitrogen loss from storage	**9 739**
Ammonia loss from storage	11 826

Most of the storage takes place at the buyer. Storage within the business only takes place for a few days before the manure is delivered.

Ammonia loss from stable + storage

Ammonia-N, kg	15 150
Ammonia, kg	18 396

Comment

The production is in within the framework of BAT conclusions.