Supplementary information

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Fig. S1. Standardized raw data of the total number of greylag geese in all surveyed fields per month for the three years of the study at Sörfjärden. In June they spend most of the time on wetlands due to brood rearing and molting. Black dots are raw data counts of geese from one survey occasion and red dots are means. Zero counts are excluded for better visibility.

Table S1. The number of greylag geese at Sörfjärden 2010–2012 presented as mean, standard deviation (±) and range (min-max) for the predictor variables.

Predictor variable	Description	Data distribution	Source
Field id (field)	65 individual fields were surveyed (categorical).	1-62	Survey
Season	Data were collected during spring (March – May), summer (June – Aug.) and fall (Sept.--Oct.) (categorical).	Spring 3.0 ± 15.6; 0-367 Summer 3.4 ± 33.2, 0-842 Fall 7.4 ± 82.3, 0-2100	
Crop type	8 types of fields were categorized. (categorical).	Set-aside field, 31.0 ± 58, 0-367 wheat, 3.8 ± 34, 0-842 grass, 3.5 ± 17.8, 0-259, barley, 14.2 ± 132.7, 0- 2100 oat, 2.0 ± 16.6, 0 - 200 other,1.7 ± 14.8, 0- 310 rapeseed, 0.51 ± 3.9, 0 - 70 rye, 2.4 ± 14.4, 0 - 150	Crop type data from the *County Administrative board.*
Field area (area)	Field size in ha (continuous).	14.2 ±10.1, 1.06-45.11	*County Administrative board*
Distance to roost (distlake)	Distance in meters from the center of a surveyed field to the nearest water edge (continuous).	1300±90, 150 – 3100	ArcGIS, *County Administrative board*