



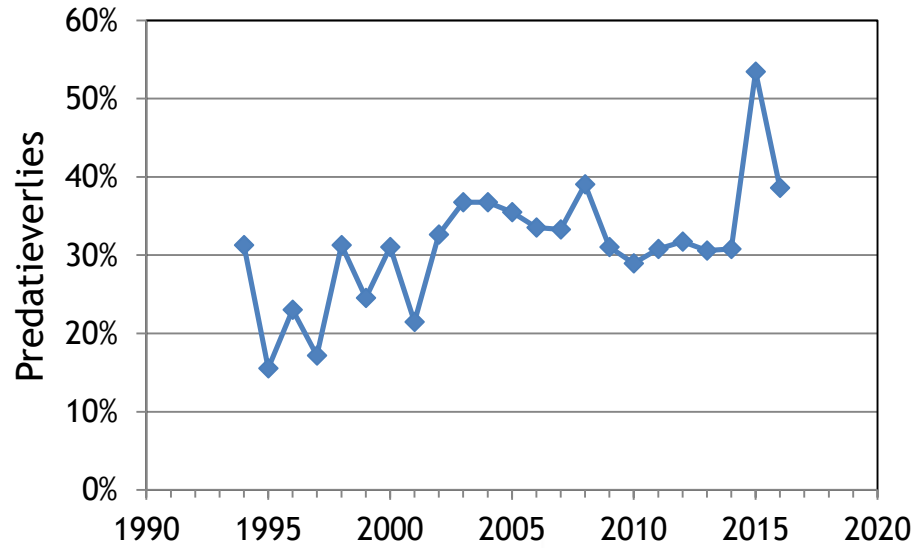
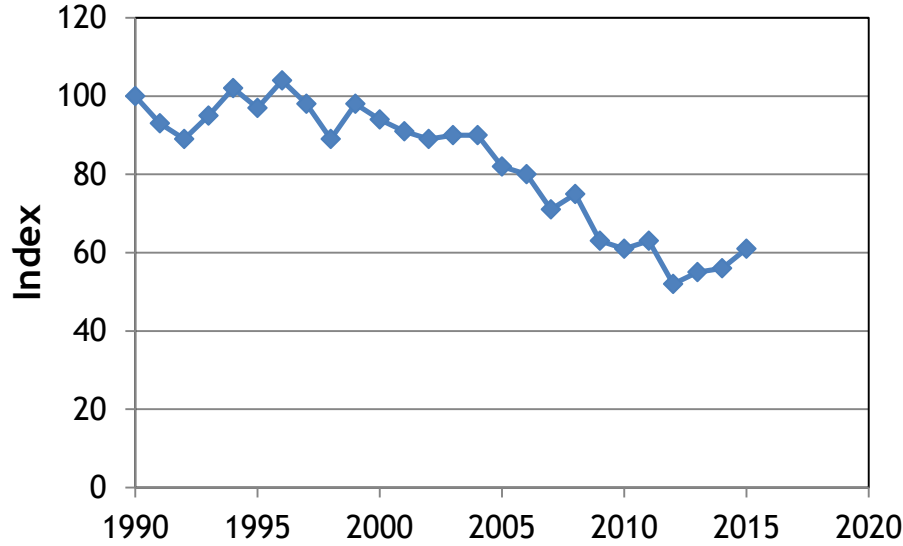
Predatie en predatorenbeheer



Wolf Teunissen

Sovon

Trends





Expertmeeting predatie VBN 2016



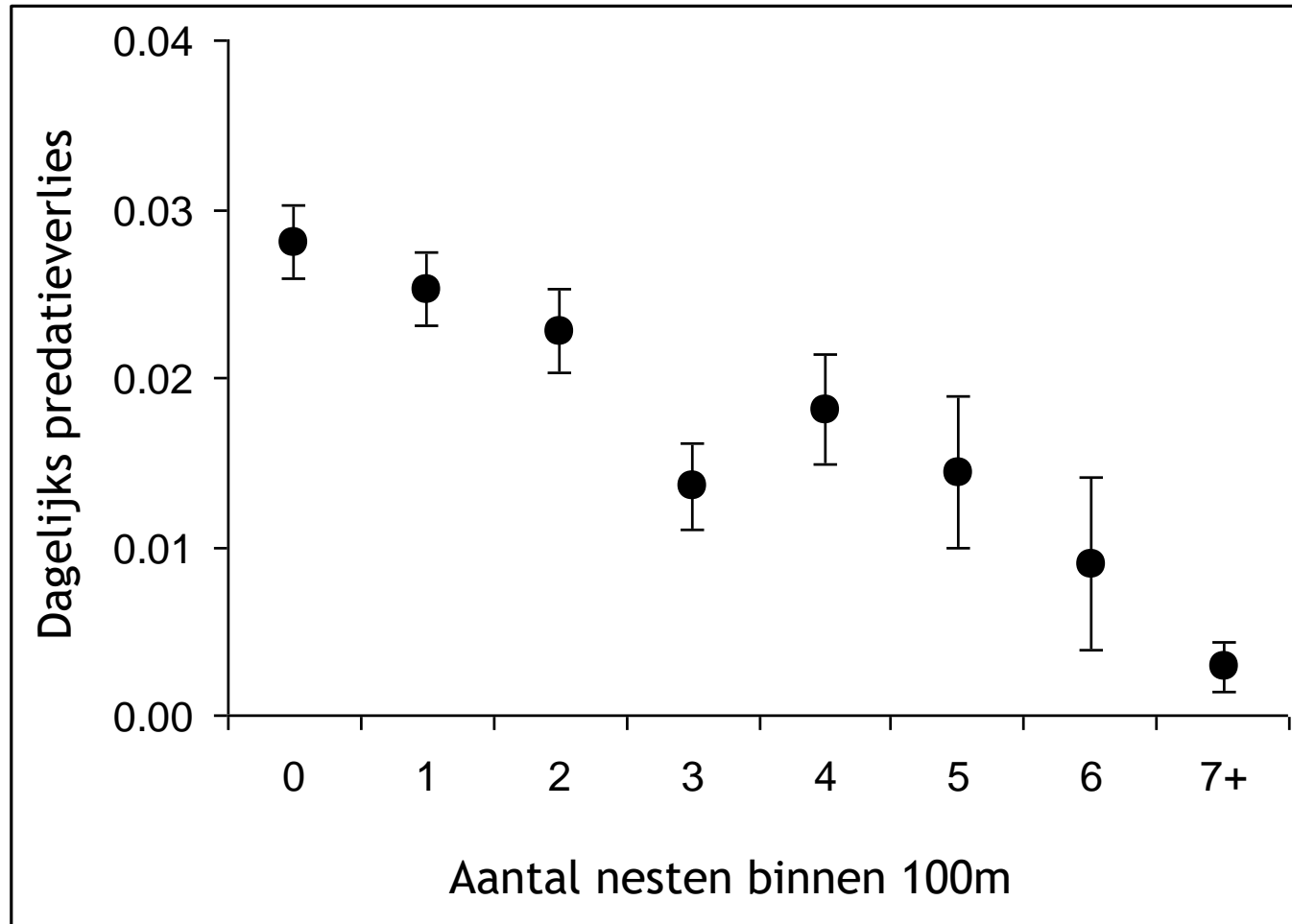
Expertmeeting predatie VBN 2016

Subsidieaanvraag EZ/LNV

- Update literatuuroverzicht
- Weerbaarheid populatie boerenlandvogels
- Monitoringtechnieken
- Predatiedruk reducerende maatregelen
- Predatiekaart
- Indirecte effecten van predatie
- Internationale samenwerking

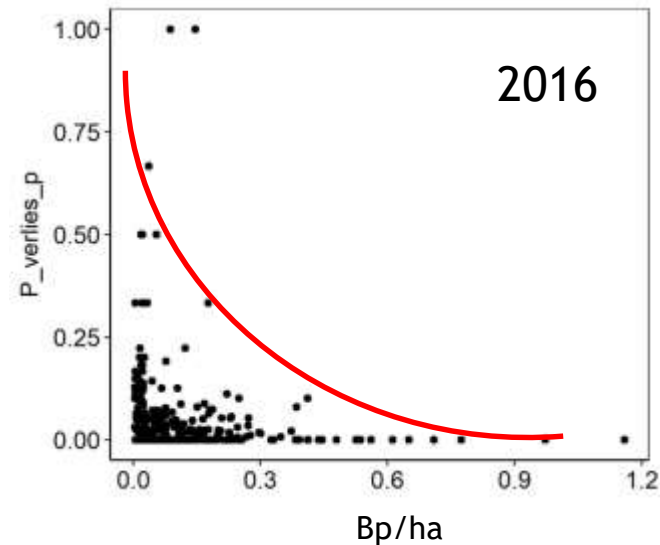
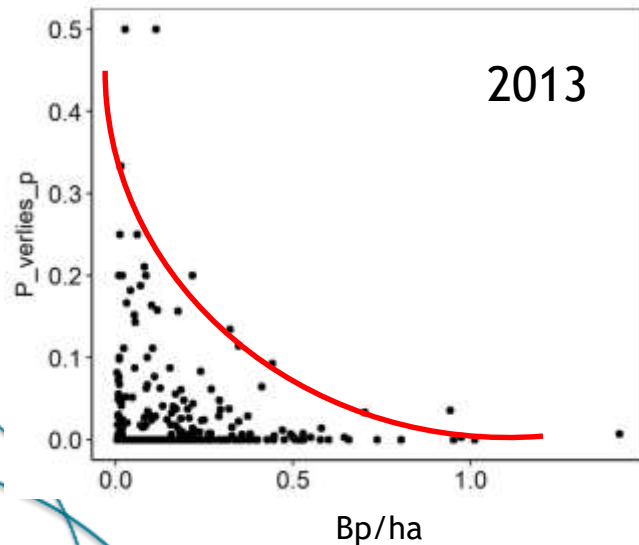
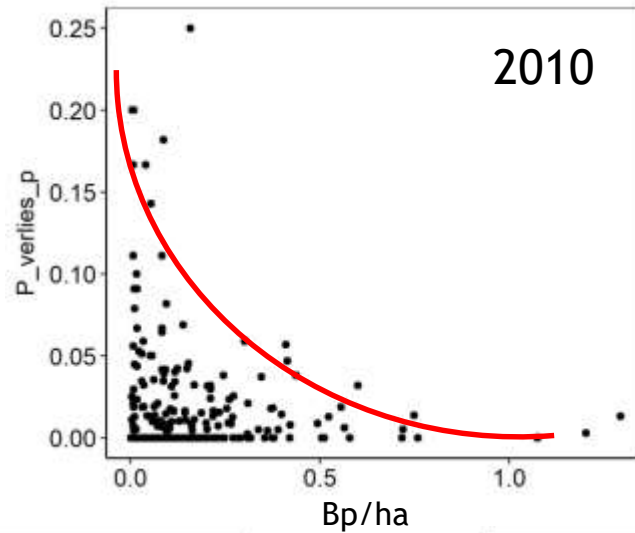


Weerbaarheid populatie boerenlandvogels

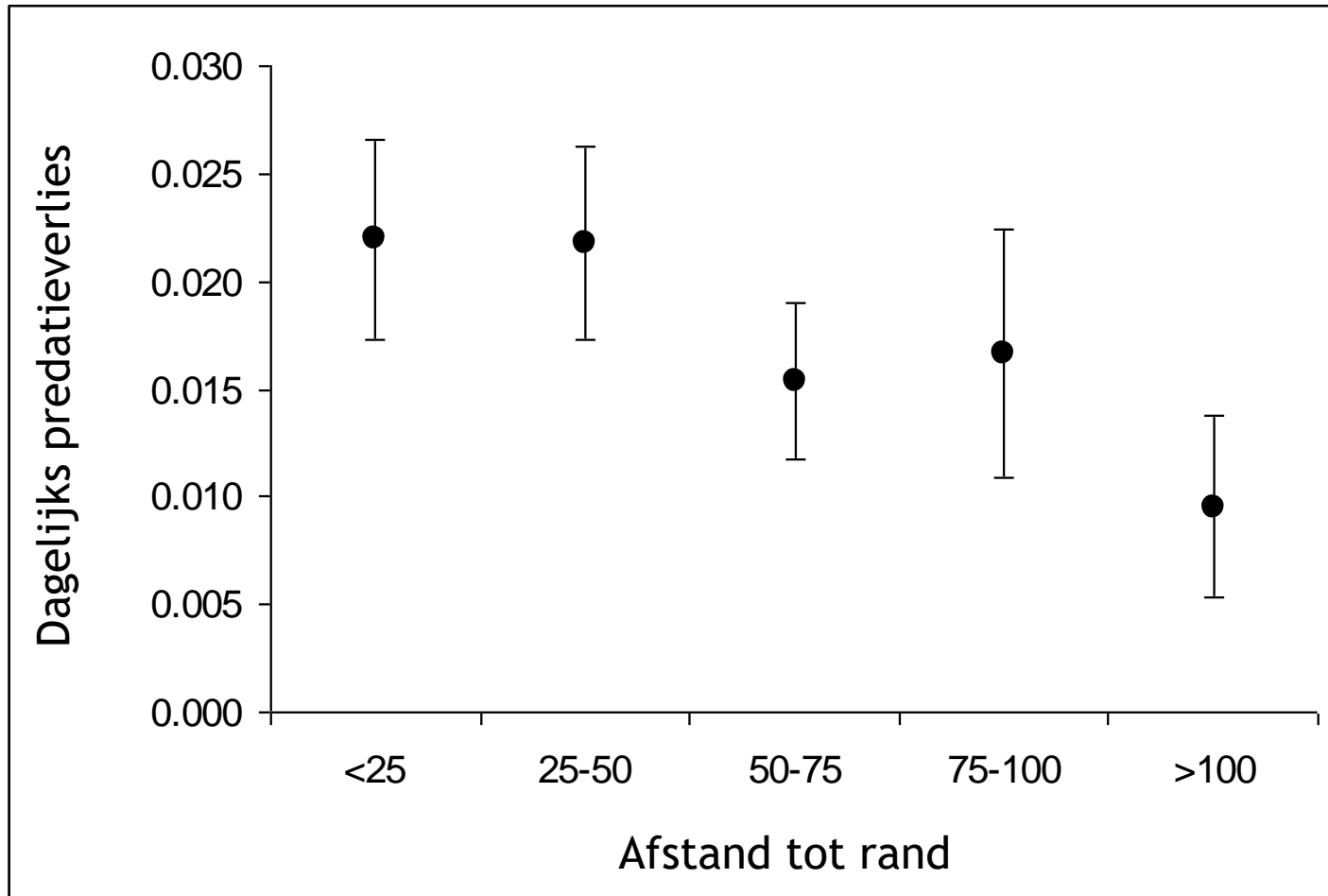


Bron: MacDonald & Bolton 2008

Weerbaarheid populatie boerenlandvogels

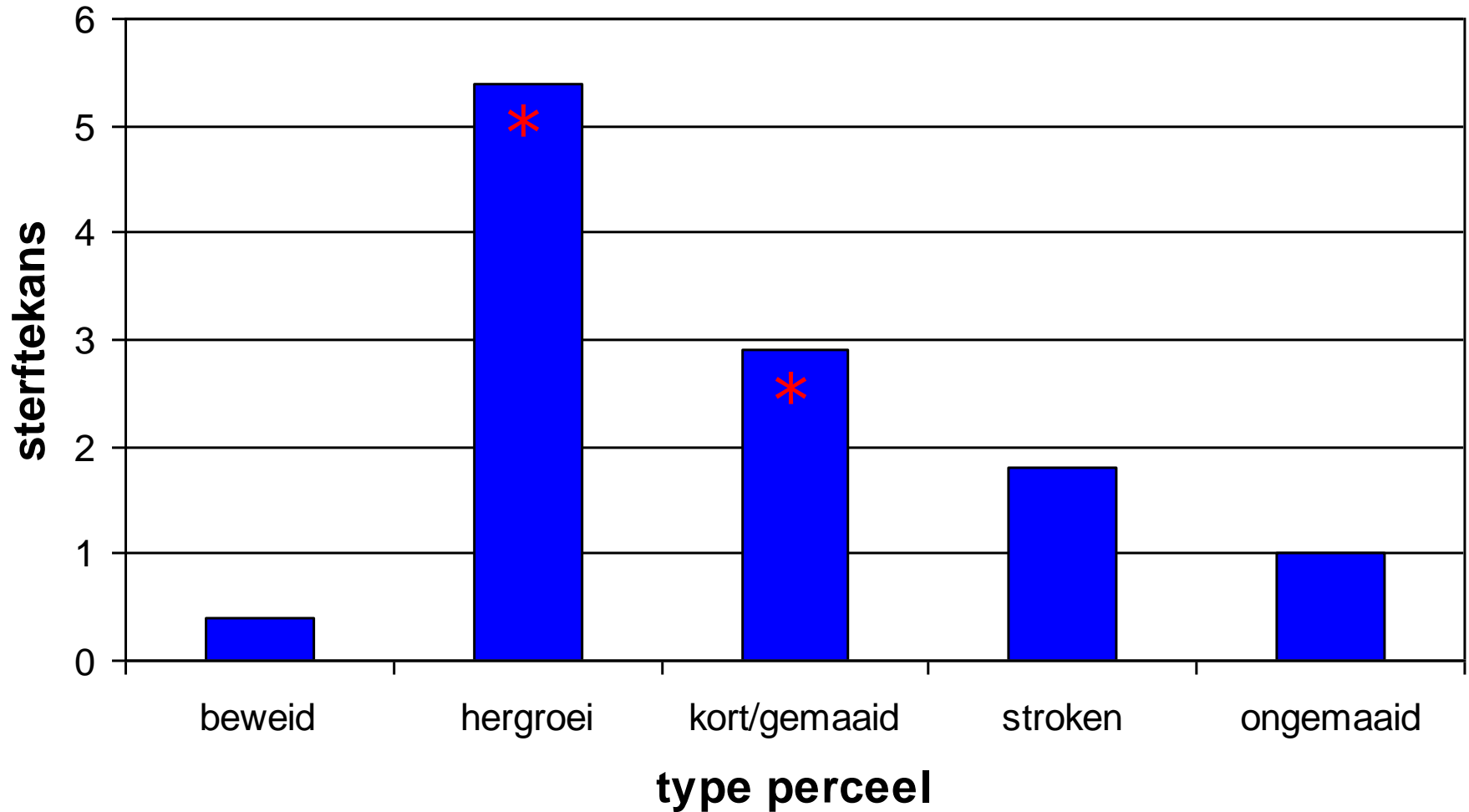


Predatie en openheid

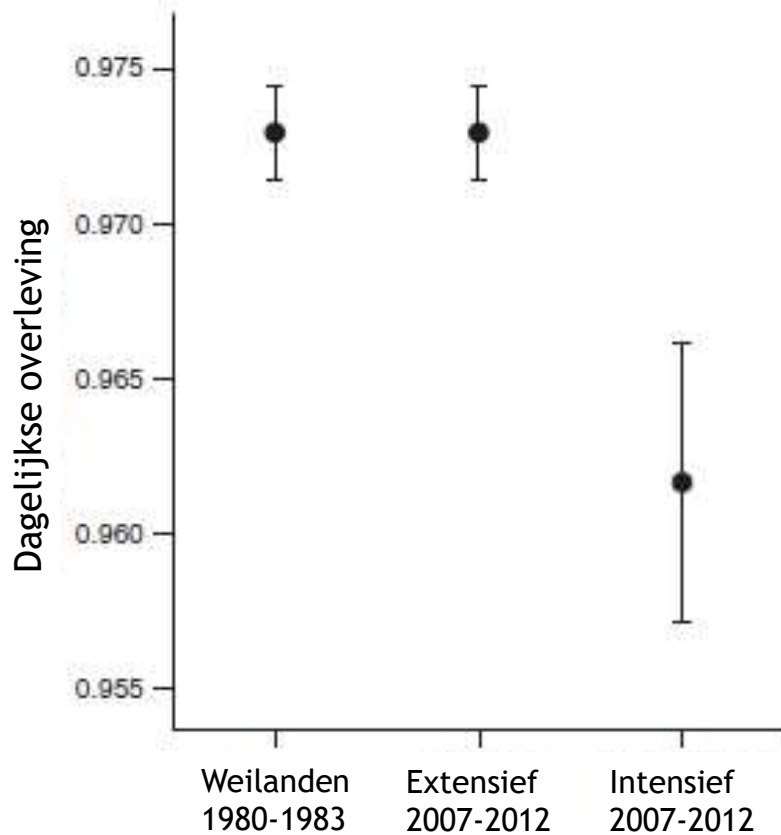


Bron: MacDonald & Bolton 2008

Beheer en predatie



Beheer en predatie



Bron: Kentie *et al.* 2015

Monitoring technieken



Monitoring technieken

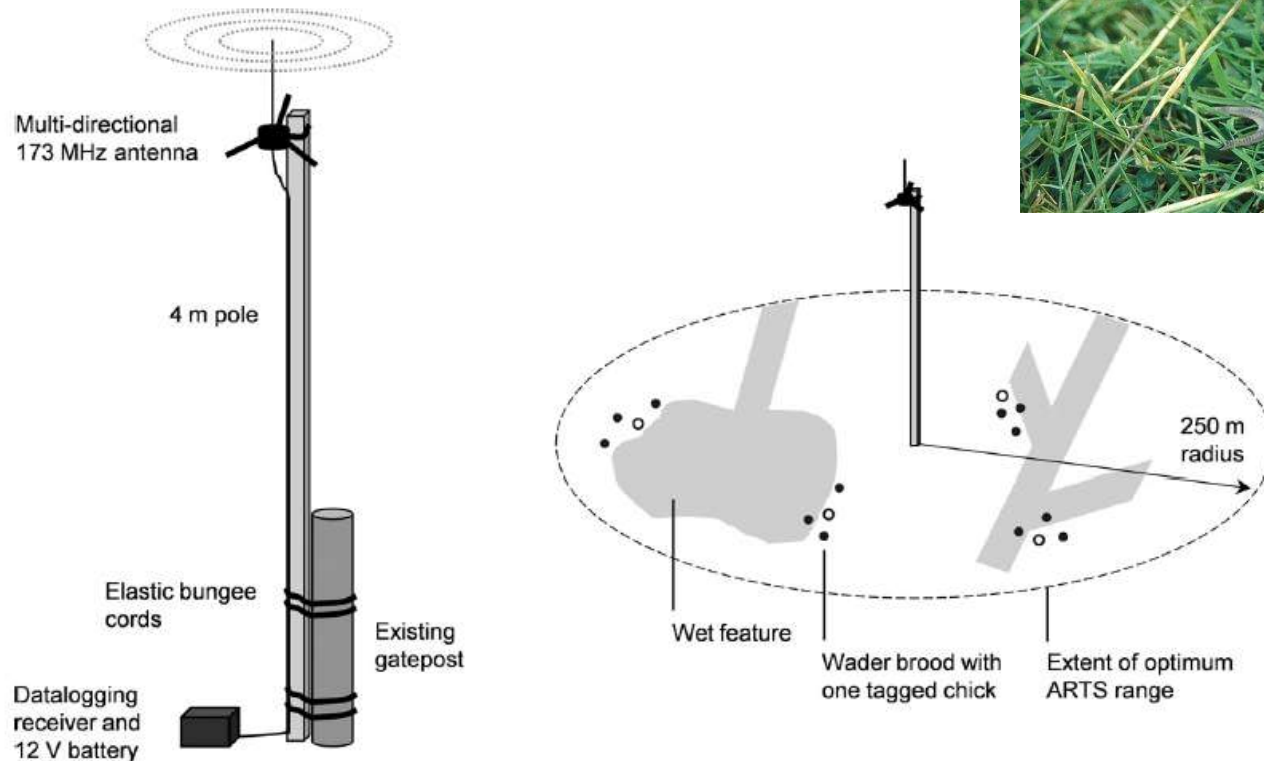


Figure 2. Diagrammatic representation of a typical automatic radio tracking station (ARTS) set up to follow a congregation of wader broods on lowland wet grassland wader breeding fields.

Monitoring technieken

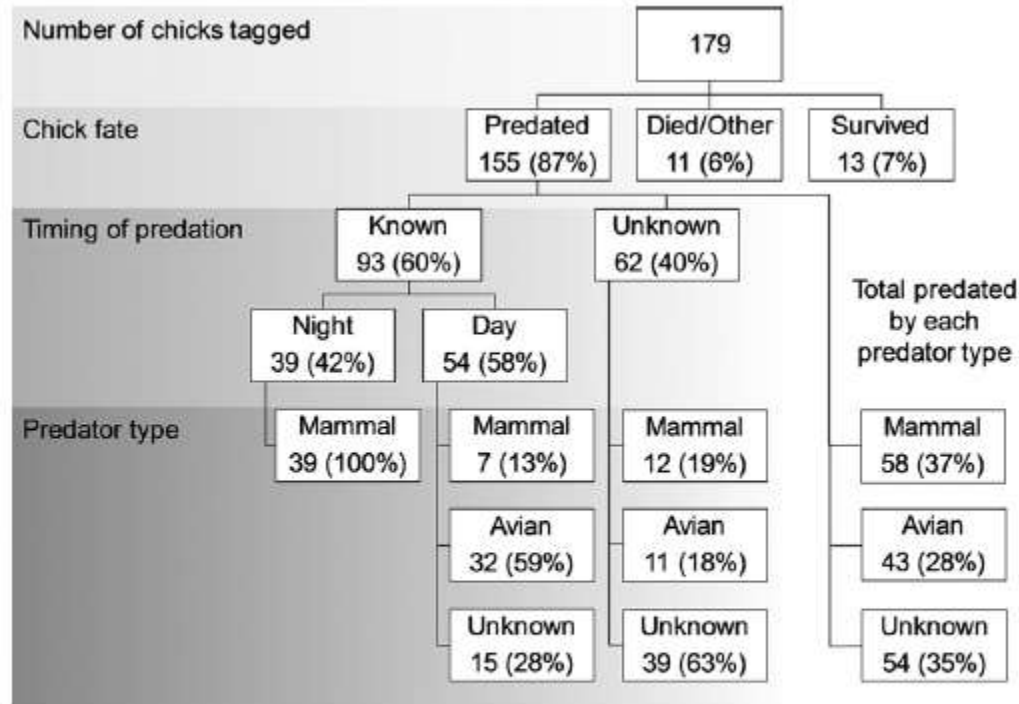


Figure 3. Summary of Lapwing chick survival results. From top to bottom, the diagram shows the proportions of radiotagged chicks that were predated, survived the 30-day monitoring period, or died or disappeared from other causes, followed by the timing of predation and the main predator types (inferred from timing of predation and predated remains). Boxes show the numbers of chicks in each category and this number as a percentage of the total one flow-level above it.

Monitoring technieken

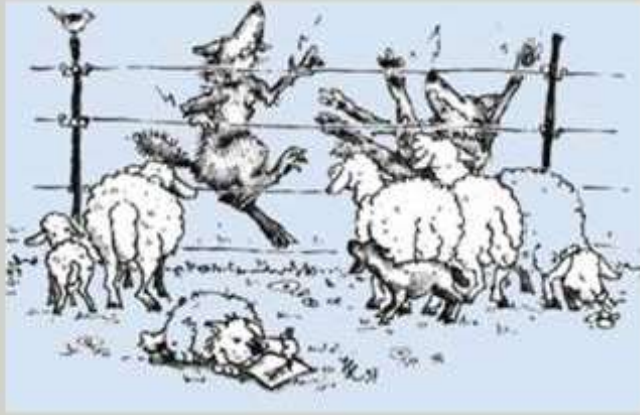


Bron: Reynolds *et al.* 2007

Predatiedruk reducerende maatregelen

- Beperken toegang tot het gebied (bijv. uitrasteren).
- Weglokken predatoren door alternatief prooiaanbod (bijv. muizenstroken).
- Verdrijven van predatoren (bijv. verwijderen bomen, verhogen waterpeil, verlagen of juist verhogen alternatief prooiaanbod).
- Wegnemen van predatoren (bijv. door afschot of wegvangen).
- Verminderen van verstoring (door bijv. recreatie of agrarische werkzaamheden) zodat vogels minder vaak van het nest (de kuikens) af hoeven en zo de plek van het nest (de kuikens) niet verraden.
- Verhogen van de voedselbeschikbaarheid voor kuikens, waardoor kuikens zich minder vaak kwetsbaar hoeven op te stellen.

RSPB predator fencing trial



10 reserves (range 3.5-65ha)

Two main designs

Battery or mains powered

Stranded design

Combination design



Excludes FOXES



**Excludes
FOXES and BADGERS**

Bron: Jen Smart, RSPB

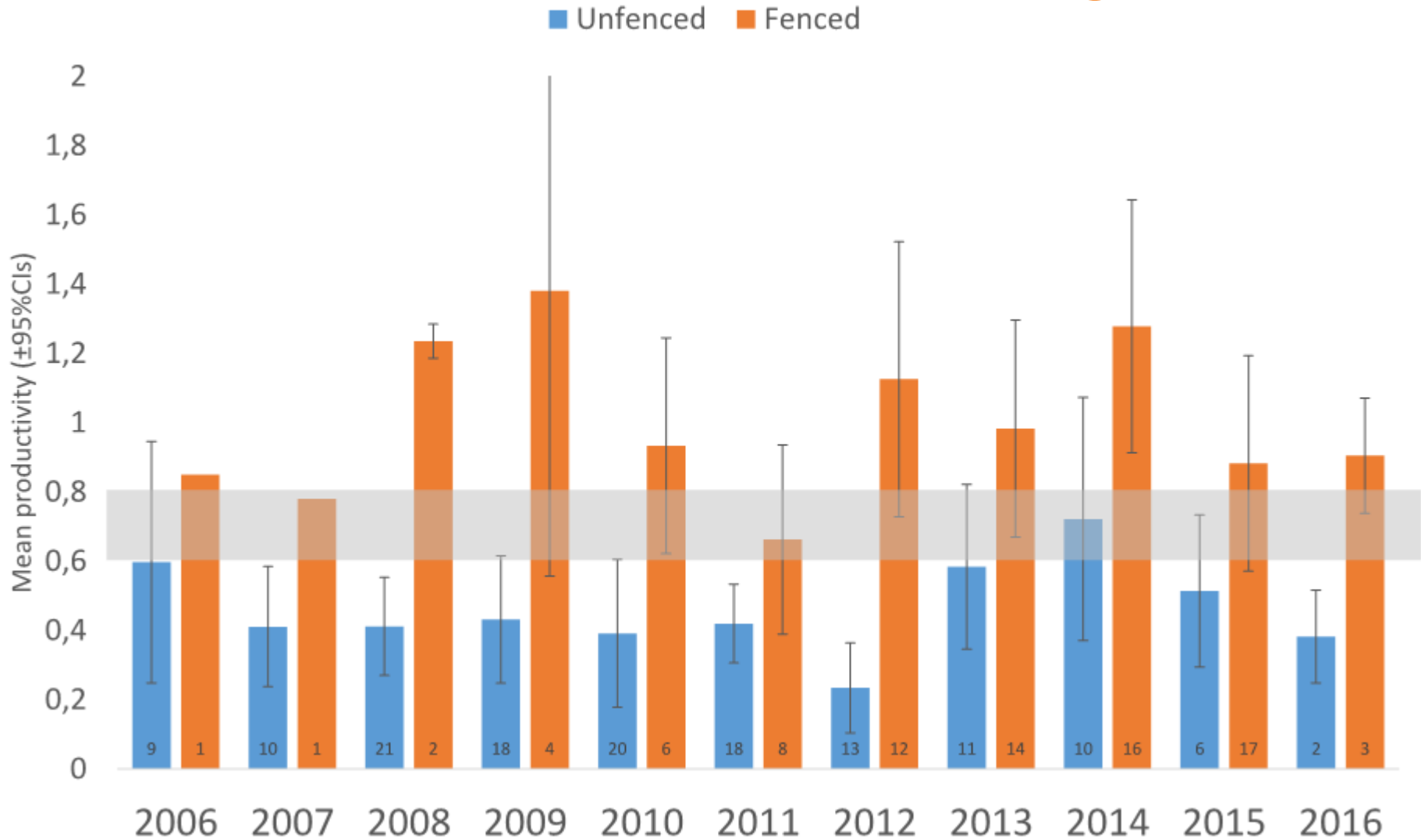


Aantal legsels



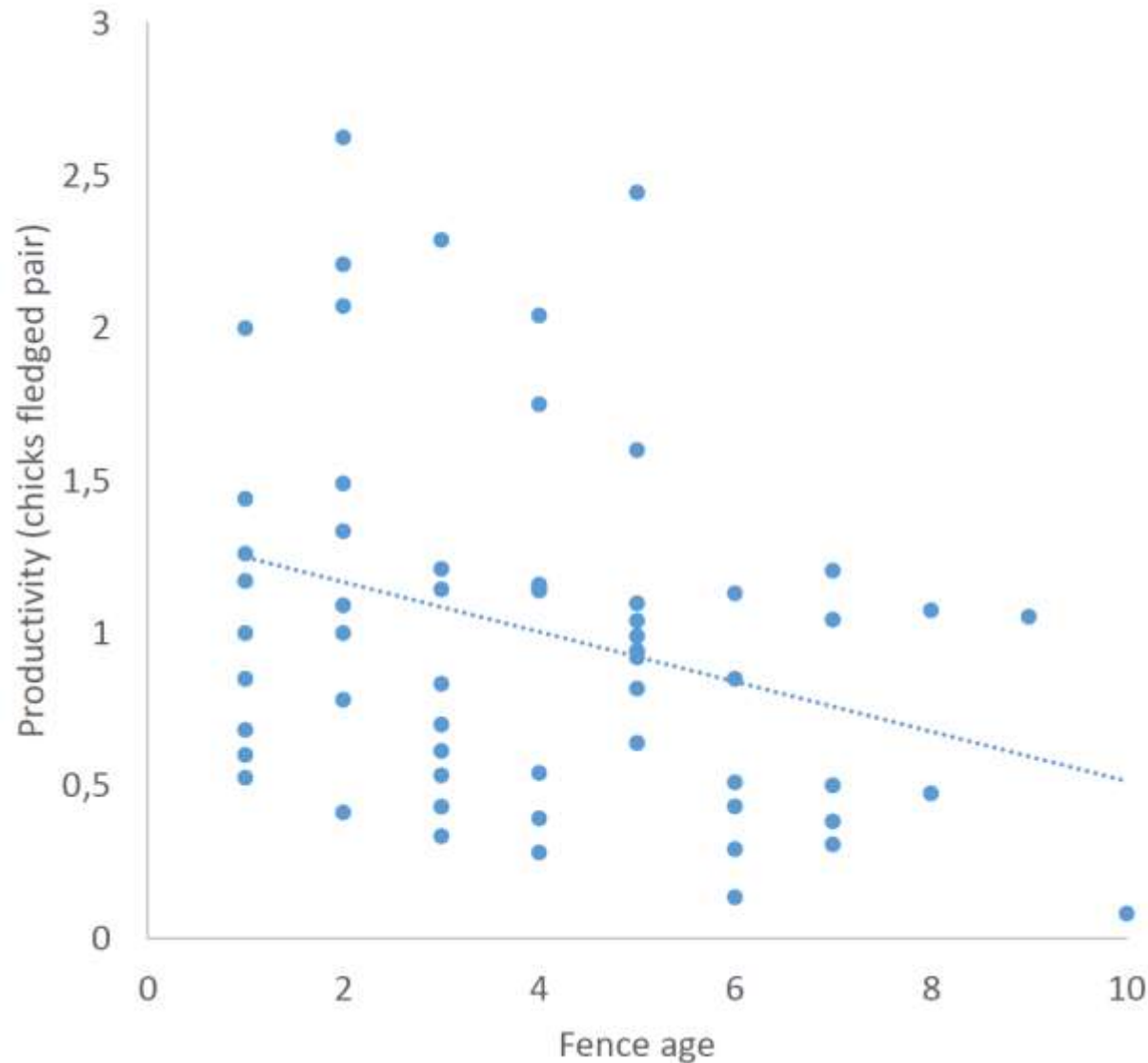
Gebied	Controle	Raster	Afschot	Eiland
Arkemheen	22	34		
Eemland			46	
Bemmel	14	23		7
Hattem	5	18		
Wapenveld	23	2		

Predatiedruk reducerende maatregelen



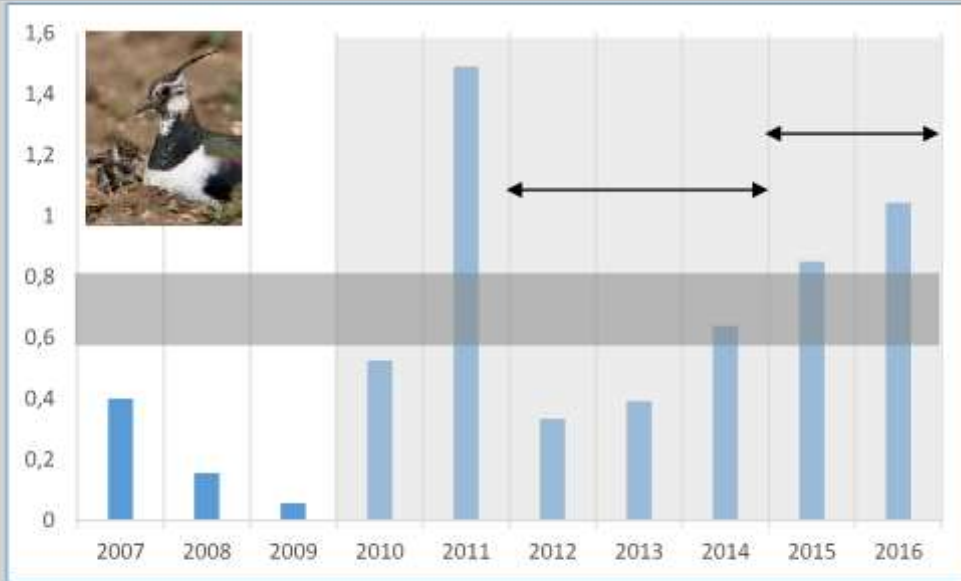
Bron: Jen Smart, RSPB

Effectiviteit uitrasteren



Bron: Jen Smart, RSPB

Uitgerasterde gebieden als hotspot voor prooi: predatie door Rode Wouw



Health and Safety Guidelines Diversionsary Food preparation

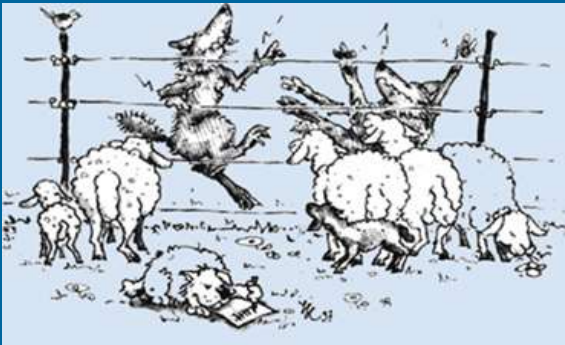
- Always wear gloves.
- Treat cuts and abrasions quickly and cover existing cuts to prevent infection.
- Wash hands with soap and water or disinfect with alcohol gel and anti-microbial wipes before eating, drinking or smoking.
- Store knives and other sharp implements safely in a drawer, box or on a low level surface between uses.
- Use a level, stable chopping board to prepare diversionsary food. Place a damp cloth underneath to prevent slippage if necessary.
- Store meat in the freezer or fridge, never leave meat to defrost on surfaces at room temperature.
- Don't store food and drink for human consumption in the same fridge/freezer.
- Clean preparation surfaces, knives, containers and other equipment regularly, at least after every food preparation session.
- Keep the food preparation area tidy and free from obstructions and trip hazards.
- Clear up liquid spillages immediately and locate slippery surfaces.



Bron: Jen Smart, RSPB

Het gaat om het hele plaatje: minder conflicten tussen weidevogels en predatoren

(w.o. vos)
Elektrisch ultrasteren



Lethaal: vangst / afschot



Predatoronvriendelijk
landschap



Zelfhulp: hoge
dichtheden

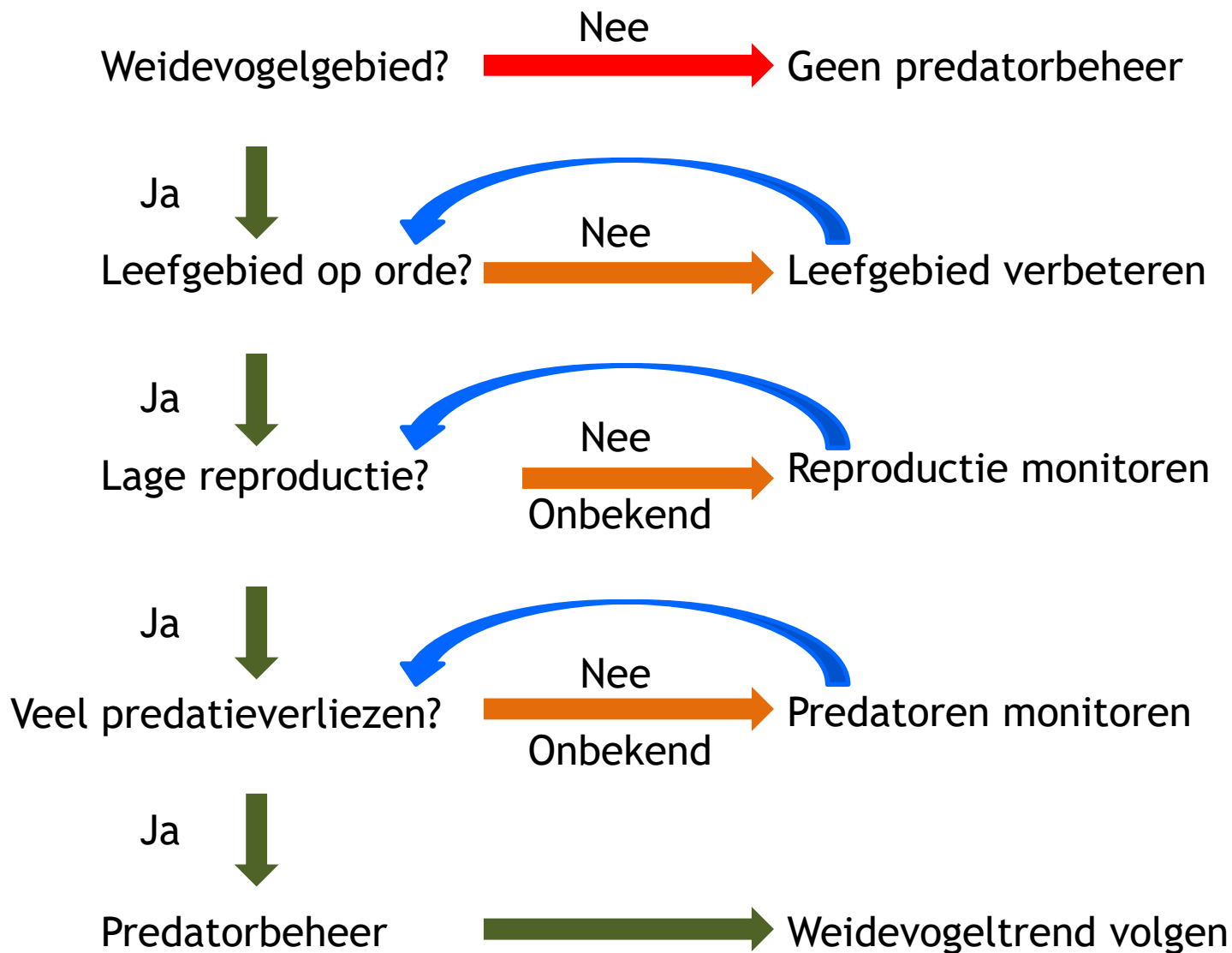


Habitat voor
alternatieve
voedselbronnen



Weidevogelvriendelijk
landschap

Aanbevelingen voor predatorbeheer





Actieplan boerenlandvogels

Gebiedskennis

Gebiedsinrichting

- Waterpeil
- Kruidenrijk grasland
- Openheid
- Predatorbeheer