

Working with farmers to improve conditions for wild bees in Natura 2000



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Photo: Colourbox

STØTTET AF
Promilleafgiftsfonden for landbrug



Danish farmers wish to contribute to pollinator conservation, but they are in need of evidence-based guidelines

We help farmers perform nature management that *works* – while taking their production and economy into account

Tailored management plans for farmers

‘Bee-campaign’: 10 ways to improve conditions for wild pollinators

‘Indicator-campaign’: Helping farmers assess the status of their nature areas

Tailored management plans for farmers

- Important species or nature types?
- Are current management practices adjusted to meet their needs?
- Synergy between nature values, management, subsidies and legislation
- So far: 10 plans in high nature value areas, 36 in moderate/low nature value areas

Michael Baun, farmer and manager of 400 ha in N2000 site 89, Fanø

'Before I didn't notice all the wild flowers and insects – I was only interested in green grass for my COWS.'

'Today I know to look for bees and butterflies – if they are thriving, then that is a sign that my nature management is working'

In 2019, Michael and his wife Bente received the 15. Juni Foundation's Nature Manager of the Year Prize (13.500 euros)



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Photo: Anne Eskildsen

'Bee-campaign': 10 ways to improve conditions for wild pollinators

1 **Bevar og pas på småblotoperne** i agerlandet – markveje, diger, markskel, læhegn, remiser, grøftekanter og vejrabatter kan være gode levesteder for bierne



2 **Udtag arealer permanent til natur** i forlængelse af eksisterende naturarealer, fx ukurante hjørner af marken. Gerne solesponoreret og på tør og sandet jord



3 **Slå ikke vejrabatter, grøfter, markskel og brak- eller græsarealer** når blomsterne blomstrer. Vær dog opmærksom på slåningsfrister i landbrugsordninger



4 **Sørg for, at der ikke sker spild og afdrift** til naturområder og småbiotoper, når du gødsker og sprøjter – fx ved at holde afstand



5 **Pas på og plej eksisterende naturarealer** såsom overdrev, enge og heder med ekstensiv græsning eller høslæt, så der er blomster igennem hele sæsonen

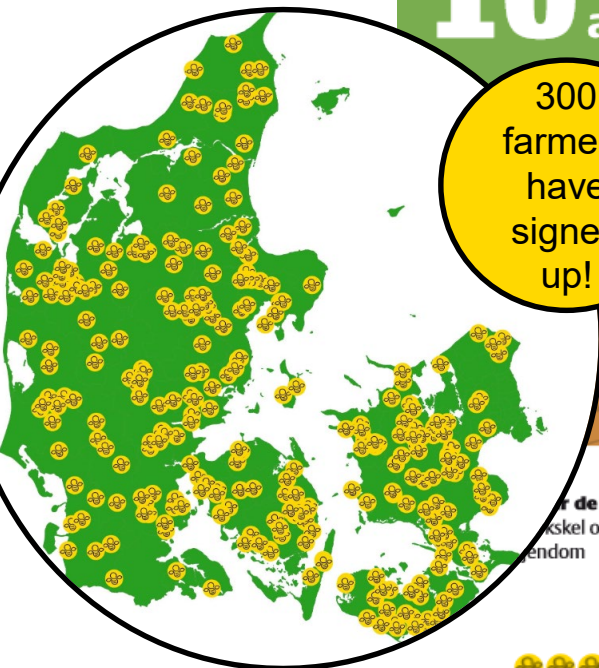


10 actions recommended and rated by scientists and professional nature managers

Det kan du gøre
10 bivenlige anbefalinger

Her er 10 anbefalinger til tiltag, som kan skabe flere levesteder og føde til bierne i landskabet. Hver anbefaling er værdisat med humlebier, hvor antallet af humlebier viser, hvor stor effekt tiltaget har – 10 humlebier er bedst, men alle anbefalingerne kan gøre en positiv forskel. Vælg de tiltag, som passer på din ejendom og i din drift.

300 farmers have signed up!



6 **Bevar de gamle træer** i læhegn, markskel og andre steder på din ejendom



7 **Lav blomsterstriber** eller blomsterbrak på din omdriftsjord – lad dem gerne ligge flere år og omlæg etapevis, så du undgår at pløje hele striben op på én gang



8 **Etabler naturlige "bihoteller"** – udlæg fx bunker med grene eller sten eller læg en halmballe til henfald i læhegnet



9 **Efterlad dødt ved** og lad fx grene og kvas ligge i læhegn eller andre småbiotoper efter beskæring



10 **Plant hjemmehørende hvidblomstrende buske og træer** i læhegn og remiser





Protect and improve small biotopes

Progress indicator: 5 yellow icons, 5 grey icons.



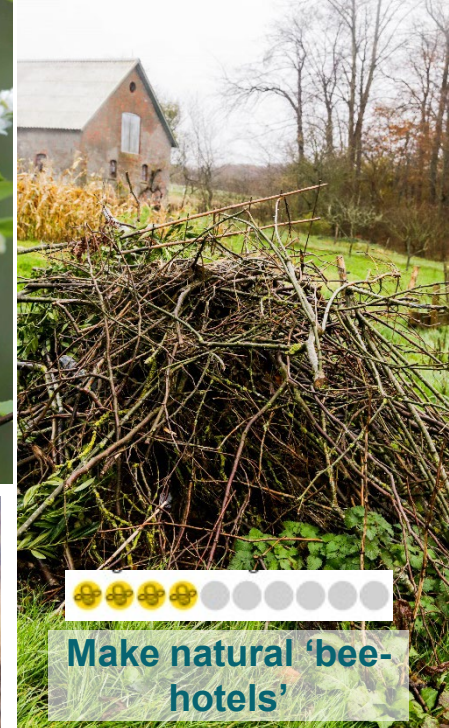
Convert unproductive parts of the field into permanent nature

Progress indicator: 5 yellow icons, 5 grey icons.



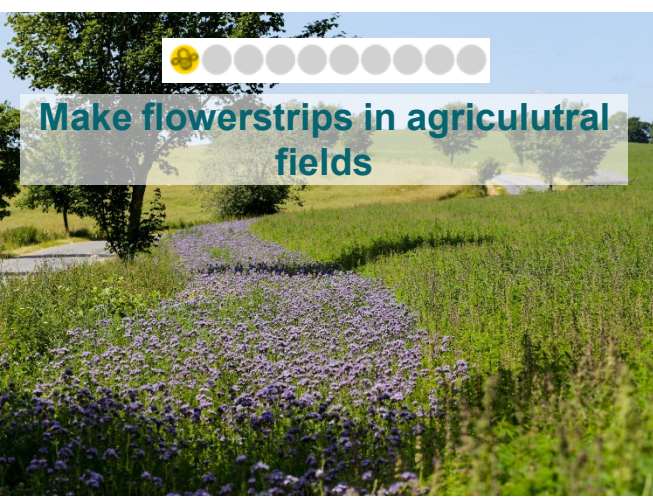
Plant flowering trees and hedgerows

Progress indicator: 3 yellow icons, 4 grey icons.



Make natural 'bee-hotels'

Progress indicator: 4 yellow icons, 4 grey icons.



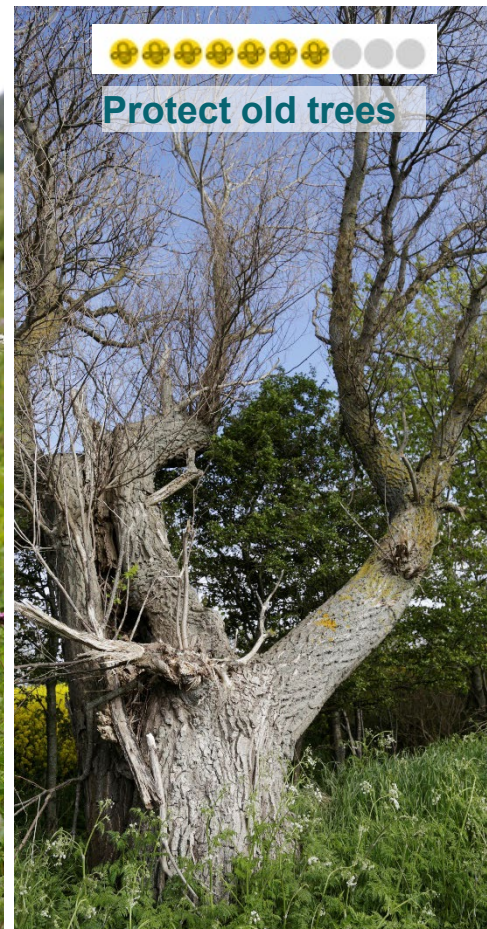
Make flowerstrips in agricultural fields

Progress indicator: 1 yellow icon, 7 grey icons.



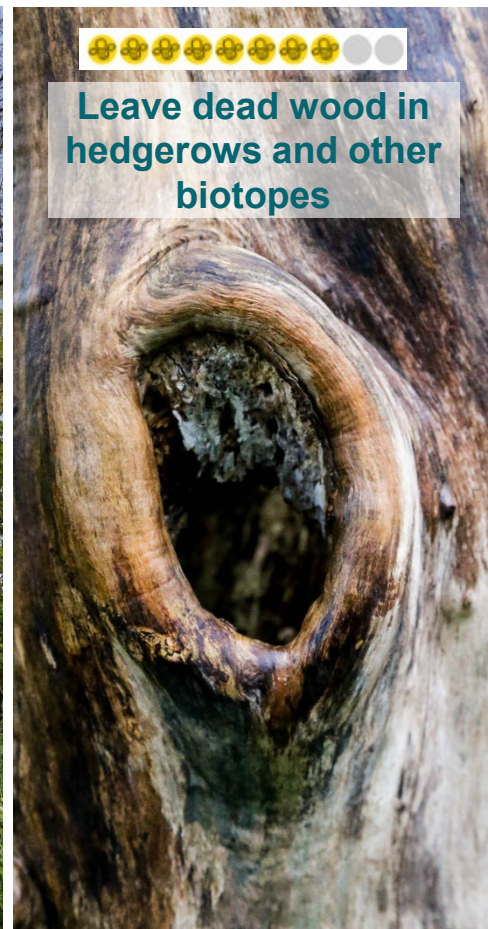
Protect and improve high-value nature areas

Progress indicator: 12 yellow icons, 3 grey icons.



Protect old trees

Progress indicator: 10 yellow icons, 2 grey icons.



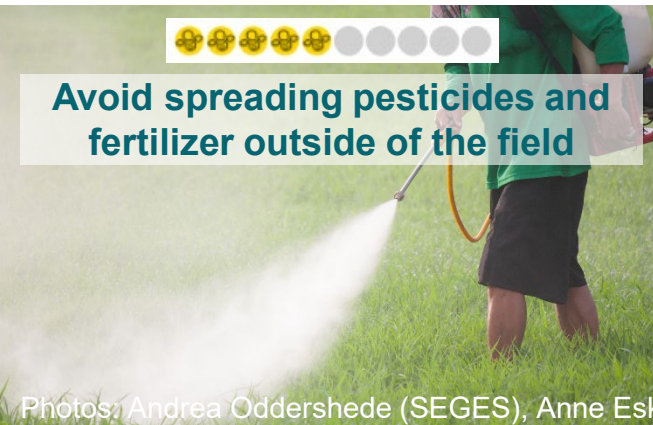
Leave dead wood in hedgerows and other biotopes

Progress indicator: 10 yellow icons, 2 grey icons.



Avoid mowing road verges etc during flowering season

Progress indicator: 10 yellow icons, 2 grey icons.



Avoid spreading pesticides and fertilizer outside of the field

Progress indicator: 5 yellow icons, 5 grey icons.

'Indicator-campaign': Helping farmers to assess the status of their nature areas

Indicators help farmers
(i) identify nature values, (ii) prioritize their management and (iii) assess the effect of their management for biodiversity

Indicators:

1. Variation and abundance of wild flowers
2. Bare soil, mosses/lichens and low-growing herbs
3. Old trees, bushes, dead wood
4. Grazing animals (all year round)
5. Natural structures (rocks, mounds etc)
6. Natural hydrology