



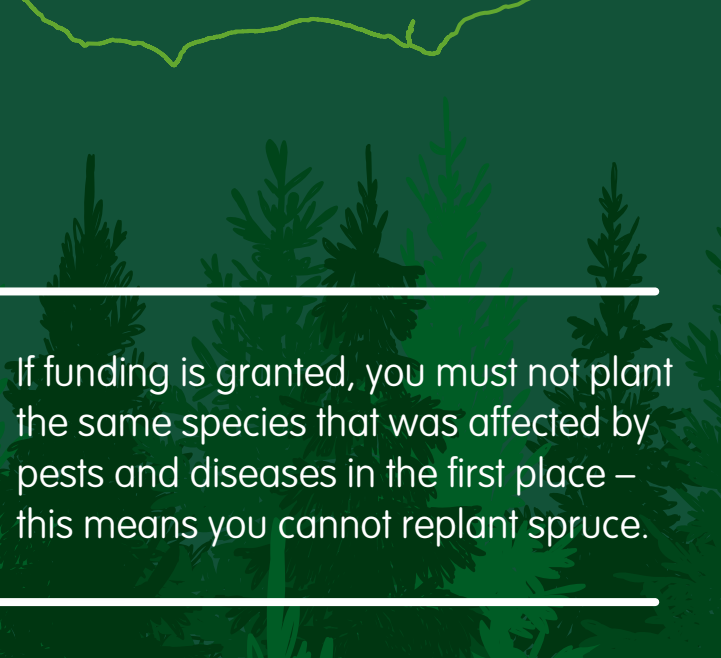
Ips typographus

Welcome to our guide on restocking your woodlands, following the removal of spruce trees within the Ips typographus Demarcation Area (DMA).

Early detection of the eight toothed spruce bark beetle (*Ips typographus*) and decisive action will help prevent this pest from spreading to other parts of the country, reducing the potential impact and damage to our treescapes and forestry industry.

Restocking

Over the next 10 years, the Forestry Commission is encouraging landowners to remove spruce (particularly any stressed, windblown and snapped tops) from the **Proactive Spruce Removal Area** within the south-east of England and to replant with other more resilient species.



The Tree Health Pilot (THP) provides funding that could help manage or fell at risk spruce trees, restock woodland and maintain newly planted trees.

If funding is granted, you must not plant the same species that was affected by pests and diseases in the first place – this means you cannot replant spruce.

You should consider which tree species is most resilient to any pests and diseases that may be present in the area, and the impacts of climate change, including drought and windblow. For more information [contact your Woodland Officer](#) or view the available tools in the Q&A below.

Restocking does not need to impact productivity or have adverse impacts on the market in the *Ips typographus* DMA. We also need to balance the needs of biodiversity and climate resilience.

Planting should comply with UK Forestry Standard (UKFS), which includes promoting diverse woodlands.

Legal and regulatory process (with grant support)

If you receive an SPHN, we strongly encourage you to restock, to ensure there is no net loss of tree cover. However, you are not legally required to do this.

You may be legally required to restock as a condition of a felling licence, or a restocking notice associated with a **felling licence**.

If you receive grant funding to restock trees, there are legal and regulatory requirements which you must follow as a condition of the funding. This includes ensuring restocking is compliant with the UKFS, the Plant Health Management Standard and wider policy requirements (for example, restocking approach and species choice, selection and design).

Your guide to restocking for healthy woodlands...

All sites

Legal requirements	Landowner actions	Grant funded options
Adhere to requirements outlined within SPHN.	Must not plant spruce.	Spruce cannot be replanted.

To promote establishing diverse woodlands a maximum of 65% may be allocated to a single species within Forest Management Units (FMU) (75% until 1 Oct 2024).

Undesignated Sites

Legal requirements

Can legally restock with any tree species, unless states otherwise on an SPHN or felling licences prohibit spruce or unless restricted under **invasive species legislation**.

Grant funded options

Spruce cannot be replanted. Restocking must be UKFS compliant. Grants are available to help with felling, restocking and maintenance. For restocking payments, woodland sites are subject to a per hectare cap of £4,720 for native tree species and £3,850 per hectare for non-native tree species. [Read our guidance on grants for restocking trees on GOV.UK](#).

Landowner actions

- ✓ Can restock with any tree species other than spruce.
- ✓ Restocking must be UKFS compliant.
- ✓ Diverse planting is encouraged to promote resilient woodlands. A maximum of 65% of the Forest Management Unit can be allocated to a single species.

Plantations on Ancient Woodlands (PAWS)

Legal requirements

Can legally restock with any tree species unless restricted under **invasive species legislation**.

Landowner actions

- ✓ Restock with native broadleaves via planting and/or natural regeneration (not grant funded).
- ✓ Restocking must be UKFS and Plant Health Management Standard compliant.
- ✓ Consider the guidance within the [Practice Guide for Ancient and Native Woodlands](#).

Grant funded options

Restoring PAWS to native species is still the preferred option.

The recommended restocking method is to restock with native broadleaves via planting. At the discretion of the Forestry Commission, conifers can make up to 20% of the permanent woodland canopy cover if you can show that there will be no negative impact on surviving ancient woodland features. The [UK Forestry Standard \(UKFS\)](#) provides clear guidance that ancient woodland remnants are to be protected.

Restock with native broadleaves with a nurse crop of up to 50% conifer (other than spruce) over the area being restocked. Management intervention can aim to achieve up to 20% canopy cover as conifer over time allowing landowners to continue growing a commercial crop. Proposals to be agreed with the Forestry Commission. Proposals must demonstrate there will be no detrimental impacts to surviving Ancient Semi-Natural Woodland features, and must be agreed with the Forestry Commission. [The UK Forestry Standard \(UKFS\)](#) provides clear guidance that ancient woodland remnants are to be protected.

Grants are available to help with felling, restocking and maintenance. Restocking payments are subject to a per hectare cap of £6,000 for native tree species and £3,000 per hectare for non-native tree species. [Read our guidance on grants for restocking trees on GOV.UK](#).

SSSI, SPAs, SACs

Sites of Special Scientific Interest (SSSI), Special Protection Areas (SPAs), Special Areas of Conservation (SACs)

Legal requirements

Restocking proposals must be consented to by [Natural England](#).

Landowner actions

- ✓ Restock with 95% site native trees preferably via natural regeneration, then by planting or a combination. In some circumstances, other species may be acceptable.
- ✓ Restocking proposals must be consented to by [Natural England](#).

Grant funded options

The recommended restocking method is to restock with 95% native broadleaves via planting. Grants are available to help with felling, restocking and maintenance, [read our guidance on grants for restocking trees on GOV.UK](#).

National Landscapes / National Parks

Legal requirements

No legal requirements but check local guidance.

Landowner actions

- ✓ Check local guidance.
- ✓ To maintain the natural beauty and character of these sites, tree species must be appropriate for the environment and site conditions.

Grant funded options

Grants are available to help with felling, restocking and maintenance, [read our guidance on grants for restocking trees on GOV.UK](#).

[Read more on woodland diversity and best practice in the UKFS.](#)

Peatland

Legally, landowners should engage with Natural England, Forestry Commission and other established experts, while restocking must also be UKFS and Plant Health Management Standard compliant.

Grants are available to help with felling, restocking and maintenance.

When restocking, consider this guidance: [www.gov.uk/government/organisations/forestry-commission-and-habitats-biodiversity-in-your-woodland](#)

Additional Q&A

What is the Ips typographus DMA?

To protect the country against this pest, under powers conferred by The Official Controls (Plant Health and Genetically Modified Organisms) (England) Regulations 2019, the Forestry Commission has introduced a Notice to demarcate an area around the confirmed outbreak sites restricting the movement of spruce and methods of forest operations. A map of the latest *Ips typographus* DMA can be found on gov.uk. To note, modifications to the DMA may occur, therefore it is important to check the latest version linked above and to confirm which areas are eligible for the THP felling and restocking grants.

What is the Proactive Spruce Removal Area and why is funding for proactive removal only available in that area?

The Proactive Spruce Removal Area within the Ips typographus demarcated area is where sites which are felling spruce proactively (without SPHN) are eligible to apply for Tree Health Pilot funding. The Tree Health Pilot is a small-scale grant scheme testing and refining novel incentives to enhance the benefits our trees provide by minimising the impacts of pests and diseases and improving their resilience to adapt to changing pressures. Therefore, the grant is currently only available in pilot target areas. For Ips typographus, this area is the Proactive Spruce Removal Area in the South East of England, due to the ongoing level of risk of Ips typographus incursions. The results of the Pilot will help develop the future funding policy for a full Tree Health Scheme.

Which tree species are suitable to restock my site with?

Landowners should consider which tree species are most resilient to any pests and diseases that may be prevalent in the area, and resilient to the impacts of climate change, including drought and windblow. Landowners can seek advice from their local Woodland Officer or professional foresters and it's recommended that the Ecological Site Classification decision support tool is used to support species choice decisions locally.

Ecological Site Classification (ESC) is a decision support system to help forest managers and planners select tree species that are ecologically suited to particular sites, instead of selecting a species and trying to modify the site to suit.

Tree species database provides information on over 60 tree species that are either widely grown in British forests at the present time or which could play an increasing role in the future.

Climate Matching Tool provides a visualisation of regions with a similar climate to the climate projection for any location in Europe. It can help practitioners to consider the selection of better suited material from environments that may be experienced in the future.

Forest Development Types are a long-term vision of how the species composition and structure of a forest stand is intended to develop. The concept encourages greater use of mixed-species stands and a wider variety of stand structures. It also promotes better use of site

adapted species and natural regeneration.

Climate Change Hub brings together information and practical guidance about protecting our woodlands and forests from the impacts and risks due to the changing climate through adaptive practice.

What are nurse species and what are the timeframes involved in thinning the woodland?

A nurse crop is a forestry practice used to help trees establish and develop. Nurse species provide protection, as well as improving growth and form of the target trees. Conifers are fast-growing and can stimulate slower-growing broadleaves to grow straight, enabling a productive crop. Thinning out of the nurse trees through the rotation is essential to give space to the target trees and provides revenue from the thinnings.

There are many potential options for management of mixed stands and a Forestry Commission Woodland Officer will be able to advise on site-specific recommendations. A silvicultural plan will be required as part of any restocking grant agreement involving a nurse crop on ancient woodland sites.

How can I minimise damage from mammals to my trees?

Mammals – including deer, rabbits, and squirrels – can damage young trees, so it is important to have plans to manage their impacts in place. Deer management options will vary according to factors such as the deer species present in the local area, their prevalence, existing control programmes, and the palatability of the species you intend to plant. There are several approaches for controlling grey squirrels, the suitability of each depends on aims and objectives, landscape character and squirrel abundance. [Read more advice in our 'Grey squirrel and deer damage to trees guide'](#), or on the [Forest Research website](#). A variety of fencing and tree protection options are also available through the **THP grant**.

Where should I source my trees from for restocking?

You must use tree suppliers that meet the biosecure procurement requirement to be eligible for a restocking grant. The supplier must show that they meet the Plant Health Management Standard by providing either:

- the certification number showing their current membership of the Plant Healthy Certification scheme.
- an application number to show they've applied to become certified members of the Plant Healthy Certification scheme.
- a successful Ready to Plant assessment voucher with a unique reference number.

Read more details on sourcing trees.

How can I minimise/cover the costs of replanting after felling my spruce trees?

The THP scheme offers grants to support replanting trees and helping them to establish, which cover some of the costs of restocking. Proactive felling of spruce is also likely to be more economical than felling according to the requirements of an SPHN, so acting to remove the risk before an infestation may allow for more funds to contribute to a resilient and well-protected restocking plan. These [case studies](#) offer more information for proactive management of spruce and accessing grants.

For more information about Ips typographus including how to report sightings visit our [guidance page on GOV.UK](#)

[www.gov.uk/government/organisations/forestry-commission](#)