

Peat Based Composts

Please see below the announcement from the UK Government banning the use of Peat in compost for amateur growers from 1st January 2024. Peat based compost is still available until then, but subsequently will only be available to professional growers – and this for a limited time when they will also become part of the ban.

The Peat-Free composts that are currently available – in my opinion and that of a number of colleagues who have conducted practical comparisons – are not as good, especially when being used to sow fine seeds. The RHS and a number of other bodies are currently undertaking projects to ascertain the best possible Peat-Free compost structure that will match the performance of Peat based. I'll be watching the situation carefully and will keep the Website updated as things progress.

John Hollands, January 2023

The sale of peat for use in the amateur gardening sector will be banned by 2024 to protect peatlands and the natural environment.

All sales of peat to amateur gardeners in England will be banned by 2024, the Government has announced today (Saturday 27th August).

Peatlands are the UK's largest carbon store but only approximately 13% of our peatlands are in a near-natural state. This degradation has occurred due to drainage for agricultural use, overgrazing and burning, as well as extraction for use in growing media. Bagged retail growing media accounts for 70% of the peat sold in the UK and is frequently misused, for example being used as a soil improver rather than a medium in which to propagate plants. When this extraction takes place, the carbon stored inside the bog is released as carbon dioxide, contributing to climate change.

Peat extraction also degrades the state of the wider peatland landscape, damaging habitats for some of our rarest wildlife such as the swallowtail butterfly, hen harriers and short-eared owls, and negatively impacting peat's ability to prevent flooding and filter water. A significant proportion of the UK's water supply lands or flows through peatlands.

The measures announced today will contribute to efforts to achieve our ambitious target of restoring 35,000 hectares of peatlands by 2025 and wider efforts to achieve net zero.

The announcement follows an [extensive public consultation](#), which received more than 5,000 responses with over 95% in favour of government taking action to ban retail peat sales. The Government has also pledged to continue to work

closely with the professional horticulture sector on speeding up their transition to peat-free alternatives ahead of a ban for the professional horticulture sector, recognising that the professional horticulture sector faces additional technical barriers that will take longer to overcome.

The Government is also launching a new £5 million fund to promote the use of peatlands for sustainable farming. It will support the uptake of pluiculture – the practice of farming on rewetted peatland – which will help further safeguard food security, produce alternatives to horticultural peat and reduce environmental impacts.

Environment Minister Richard Benyon said:

This Government understands the importance of keeping peat healthy and in the ground, here and around the world – to lock up carbon, strengthen drought resilience and serve as a powerful nature-based solution to climate change.

The actions announced today mark a new chapter in the story of our iconic peatlands – safeguarding their long-term health and vitality as part of our commitments to achieve Net Zero and deliver our 25 Year Environment Plan.

Chair of Natural England, Tony Juniper said:

Peatlands are precious ecosystems that harbour beautiful and fascinating wildlife, shape the character of iconic landscapes, purify water and help to reduce flood risk. They are also our largest natural carbon stores, locking away over 580 million tonnes. This ban on the sale of peat-based compost and work to phase out use in other areas is an essential step toward protecting these valuable natural assets and allowing for the recovery of degraded areas.

We are working with Defra and partners on the ground to restore thousands of hectares of peatland habitats, and today have awarded over £11 million to restore lowland sites in the south-west of England, and upland sites in the north of England.

Professor Alistair Griffiths, Director of Science and Collections at the Royal Horticultural Society, said:

Peatlands are the world's largest carbon store on land, with great potential to store carbon long term, helping to reach net zero. They reduce flooding, when rewetted reduce fire risks and provide valuable habitats for both plants and animals. To tackle the climate and biodiversity crises, it is essential that we have a sustainable transition to peat-free alternative growing medias.

New alternatives to horticultural peat, produced through paludiculture and otherwise, present the opportunity for England to protect nature through green job creation, as well as become one of the global leaders in the production and sale of sustainable growing media.