

Hedge Spiral Guard

Removal Recommendations

The UK has seen many miles of hedge planting over the years, with the vast majority of plants protected from browsing animals by PVC Spiral Guards. It is essential that landowners remove these guards once the hedge plants are mature enough to survive unprotected (4 – 5 years). After completing our own trail removal task in collaboration with Castle Howard Estate and Howardian Hills Area of Outstanding Natural Beauty we have developed our recommendations to enable landowners to plan safe and efficient spiral removal efforts of their own.

Please also see the 'Example Task Record' sheet which sets our logistics, risks and PPE required for a volunteer or group task.



Consider **Disposal** Before Starting

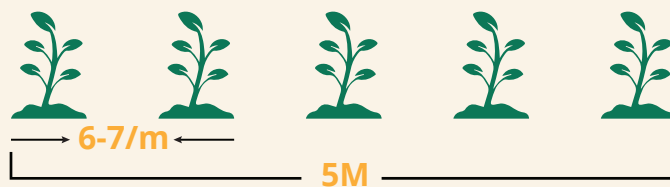
Spirals en-mass are bulky and can be recycled across the UK through the Rainbow Recycling Scheme. An alternative disposal solution is to hire a skip (e.g. Yorwaste send the waste to Allerton Park for energy recovery through incineration <https://www.yorwaste.co.uk/commercial-waste/skip-hire/>), but this will not result in a new life for the spirals.

Waste must be stored securely and should be separated into different types of material to make it easier to reuse and recycle. More information can be found on the Gov website: <https://www.gov.uk/managing-your-waste-an-overview/sorting-storing-waste>



How long will it **take**

Each 5m section, planted at 6-7 plants per metre, took one person on average 20-25 minutes to clear.



**20-25
MINUTES**

When to **Remove**

The sooner protection is removed from a planting scheme once the plants are mature enough the easier it will be to remove, reuse and recycle and the less likely the plants will be to incur damage. This is approximately after 4-5 years. After this time, spirals become more brittle, can shatter or plants can grow around them trapping the plastic in their stems (especially hazel).

The best season for removing hedge spirals is between September and March when hedge plants are bare of leaf and bird nesting season has finished.



September – March

Preparing to Remove



Ensure you have the Rainbow bulk bags in place for the waste before starting. Use a cover or closure to prevent the bags from spilling. Crushing spirals will reduce their bulk but may be time consuming.



Before starting clear the ground in front of the hedge of large woody debris to allow for easy access and reduce trip hazards (it helps if the hedge has not been recently cut or flailed).



Mark out five metre sections using pegs or coloured ribbon etc. Varying tasks helps with posture, e.g. by completing pre-marked five sections before standing, clearing any plastic removed, packing the waste then walking to the next section. This task requires a lot of kneeling and bending so it is not for those with stiff joints or bad backs.

Each participant needs close access to



A tub or similar container for easy collection of shards and broken spirals. Spirals exposed to the most sunlight (UV) can be brittle and shatter when removed requiring fingertip clearance of the area to remove all plastic shards from the soil. A rigid container kept close by for easy collection of small shards is essential.



Bin bags with a litter picking ring to keep them open are also useful. Spirals that come off whole can be tossed behind into the open to be collected upon standing up and put into bags.



A small trowel, fork or knife is useful to dislodge plastic caught between stems or the bases of spirals that have been buried in the soil. Hazel (with its multiple stems) tends to trap the plastic spirals and make them difficult or impossible to remove completely.



A kneel mat is essential to protect knees from being punctured by thorns, particularly if the hedge has been flailed recently.



PPE: Full skin coverage is required - especially vulnerable areas are the lower back, hands, arms, head and eyes. A cap as headwear, safety glasses (or sunglasses / normal glasses) and gloves that allow fine motor movement plus a kneel mat are all essential.

After the Task

Ensure all removed spirals have been picked up with a brief walk-over of the hedge line. Ensure bulk containers are in a stable, upright position and are covered or sealed to prevent spirals from spilling into the environment.

NB: If moving waste from a hedge to a storage or recycling facility you may need a waste transfer license. Please see the links on www.howardianhills.org.uk to the Gov.uk website for information regarding this.

Special thanks to

Howardian Hills

Area of Outstanding Natural Beauty