

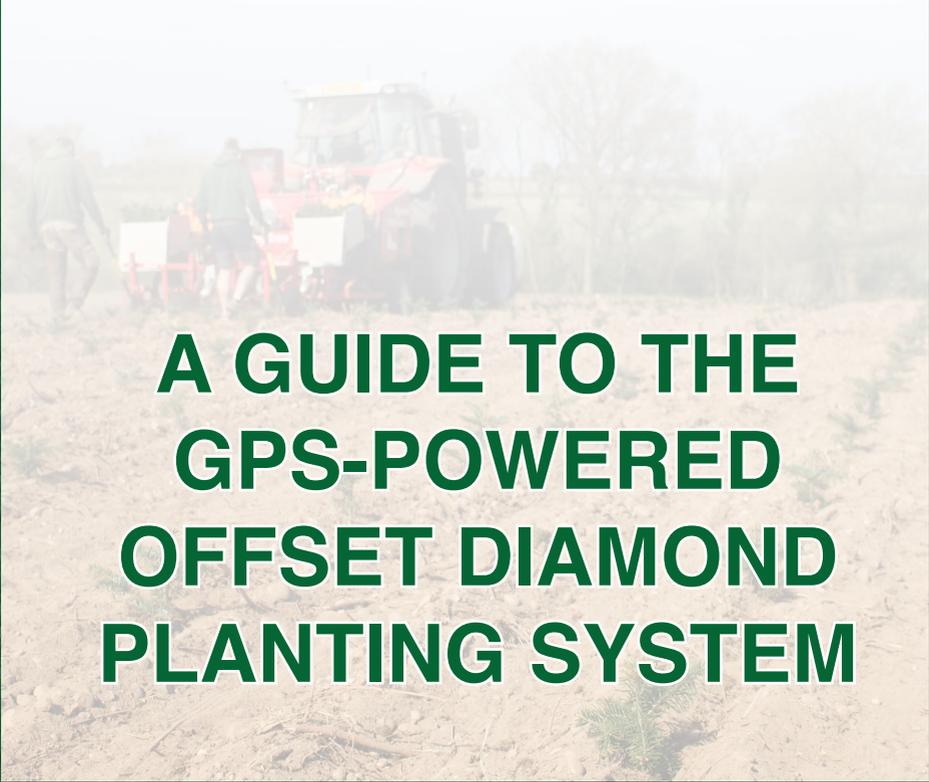


British
Grown
Trees



Cadeby Tree Trust

Specialist Christmas Tree Growers & Contractors

A faded background image showing a tractor in a field with several people standing nearby, likely engaged in agricultural work.

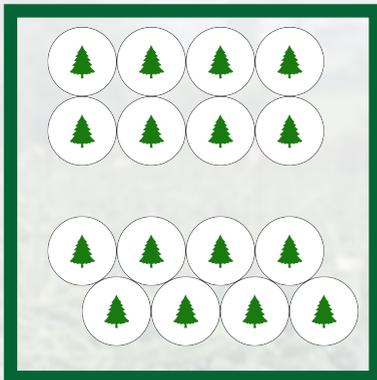
A GUIDE TO THE GPS-POWERED OFFSET DIAMOND PLANTING SYSTEM

MAXIMISE *every* METRE

The GPS Off-Set Diamond Planting System

In today's projects, efficiency matters more than ever. Land availability, budgets, and long-term performance all demand smarter solutions. Our **GPS-powered Off-Set Diamond Planting System** is designed to deliver exactly that: the most space-efficient — and therefore cost-efficient — way to plant trees in any given area.

Put simply, this innovative system uses precision GPS tracking to determine the optimal planting pattern for your site. Rather than relying on traditional straight-line grids, we use a carefully calculated off-set diamond configuration. This layout increases planting density without compromising the health, structure, or long-term performance of the trees.



Why Diamond?

Traditional square planting patterns (pictured left, top) can leave underused space between trees. By contrast, a diamond configuration (bottom) distributes trees more evenly across the available area. This approach:

- Maximises planting capacity within fixed boundaries
- Maintains appropriate spacing for root and canopy development
- Improves visual uniformity and overall site presentation
- Enhances long-term growth performance

The result? **More trees per hectare** — installed with accuracy and confidence.

Designed for Growth

While density and efficiency are key, tree health remains our priority. Every layout is calculated to ensure that each tree has **ample room** to establish, develop strong root systems, and reach its full potential.

The GPS Off-Set Diamond Planting System combines modern technology with practical expertise to deliver planting layouts that are precise, productive, and built for long-term success.



Powered by Precision GPS

Our experienced contractors use advanced **GPS technology** to identify and mark exact planting coordinates. This ensures:

- **Pinpoint accuracy across large or complex sites**
- **Consistent spacing throughout the project**
- **Reduced installation errors**
- **Faster, more efficient planting operations**

Every tree is positioned according to a pre-calculated layout, eliminating guesswork and ensuring that each planting location is optimised for both space efficiency and future growth.

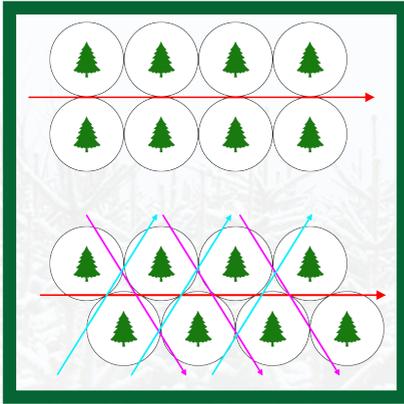


Faster Planting. Greater Efficiency.

To complement our precision GPS layout, we operate a specialist **double-planter machine**, enabling us to plant two rows simultaneously rather than one row at a time, as is common with single-planter systems. This immediately increases operational efficiency on site, significantly boosting daily planting output without compromising accuracy.

In an industry governed by strict planting windows and weather-dependent conditions, **timing is critical**. Short ground condition windows, frost risk, and seasonal constraints leave little room for delay. Our double-planter capability allows us to make the most of favourable conditions, maintain project schedules, and complete large-scale planting programmes within tight timeframes.





Pictured left: the additional access routes created by the Off-Set Diamond layout (bottom) compared with conventional straight rows (top). Instead of restricting movement to a single up-and-down direction, the diamond configuration creates three workable routes — vertical, left-diagonal and right-diagonal — across the same planted area. This enables each tree to be approached from multiple sides, improving access for spraying, fertilising and base pruning without increasing product use per hectare.

The improved accessibility allows for more consistent coverage, quicker formation of a clean lower “handle” to aid airflow and weed control, and significantly reduced reliance on time-consuming manual strimming — saving valuable labour hours while maintaining high crop quality.

Smarter Maintenance. Lower Ongoing Costs.

The advantages of the off-set diamond system extend well beyond planting. Ongoing maintenance — including spraying, fertilising and base pruning — becomes **significantly easier** and more cost effective. By creating accessible rows in three directions (vertical, left diagonal and right diagonal), the layout allows machinery and operators to approach each tree from multiple angles, rather than being restricted to a single up-and-down row pattern.

This means every tree can be accessed from all sides using the same volume of spray or fertiliser per hectare, but with greater overall coverage and effectiveness. Base pruning to create a clean “handle” — improving airflow at ground level, reducing weed pressure and making future handling easier (for example when placing trees into stands) — is quicker and more consistent. The improved access dramatically reduces the need for time-consuming hand strimming, **cutting labour hours** and long-term maintenance costs while improving crop quality.

Cost-Efficient by Design

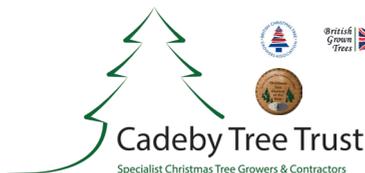
More efficient land use means better value from your investment. By maximising planting density without overcrowding, the GPS Off-Set Diamond System allows you to:

- Increase stock numbers within existing site constraints
- Reduce wasted ground space
- Achieve stronger visual impact per square metre
- Optimise long-term returns from forestry, screening, or amenity planting projects



This is smart planting — engineered for performance.

Plant smarter. Plant precisely. Plant with confidence.



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