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## Press Release

### New fertiliser placement option for Claydon Hybrid

To help growers potentially reduce fertiliser usage and cost, yet make better use of expensive fertiliser through targeted placement whilst drilling, Claydon has developed a new fertiliser application system for the Claydon Hybrid drill range, which will be launched at Cereals.

The new fertiliser option will be available both on new drills, but can also be retro-fitted to existing drills and has been developed to meet demand from users both in the UK but also throughout Europe, especially Germany.

“Because the Claydon Strip Tilling System only works the soil within the immediate seeding zone and leaves the areas between undisturbed, by being able to accurately place fertiliser within the seeding zone at drilling, this ensures that the fertiliser is exactly where the young plant needs it,” explains Claydon Research & Development manager Matt Bowe.



*The new Claydon front fertiliser hopper with a 4.8m Hybrid*

“This avoids fertiliser being wasted on the 50% of ground that is not disturbed, so will ensure that the optimum amount of nutrient is available to the young seedling, ensuring better utilisation and a potential fertiliser cost saving.”

Claydon has also developed a new 3.0m version of the Hybrid drill that features a new split hopper, which is positioned further forward on the drill for improved stability. This has the capacity to carry 750kg of seed and 750kg of fertiliser, which are fed through two individual metering units so that varying application rates can be applied.

On larger 4.0m, 4.8m and 6.0m Hybrid drills a front-mounted 1250kg capacity hopper has been developed, with fertiliser blown through to a second distributor head. There is also a 1000litre front tank option for applying liquid fertilisers.



In standard format, the fertiliser is fed down the back of the leading rigid chisel breaker tine and is placed 75-100mm below the seeding zone so that it is perfectly placed for the young seedling. However, if required the design also allows for the fertiliser to be fed down the back of the seeding tine, so that it is mixed with the seed, or placed on the surface.

The application rate for solid fertilisers is set and controlled using the drill's RDS Artemis Electronic control system, so no separate control unit is required. The liquid fertiliser system requires its own dedicated control box. Both solid fertiliser systems can also be used to apply microgranular-fertiliser, and the RDS Artemis control unit enables application rates from as little as 2.0kg/ha up to 450kg/ha to be applied.

For customers that only require the ability to apply microgranular fertilisers, Claydon is also able to supply a specific micro-fertiliser application system for all Hybrid drills. The micro-fertiliser is metered into the seed flow using a modified Stocks Rotor Meter and these are available with a choice of three control systems; through the drill's Artemis system, via its own Wizard variable rate controller or a simple Vari-Speed system.



*The new Claydon 3.0m drill with split hopper*



*The new Claydon front tank for liquid fertiliser*

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