

# **Press Information from Knight Farm Machinery**

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## **NEW BOOM TECHNOLOGY FROM KNIGHT**

Knights Farm Machinery is introducing a new “4D” boom suspension system – including its new boom levelling system Distance Control II - that offers users the most complete package of boom management options available.

The system includes additional isolation elements between the boom and the sprayer, while also enabling changes in boom geometry to be made swiftly and smoothly, both of which aid consistent boom height and spraying accuracy.

It also automatically controls the height of the boom wings independently of each other according to the ground conditions, and offers the facility to run the wings below the horizontal, a facility that is particularly important to maintain accurate boom height with wider spray booms in undulating fields.

The Distance Control II system includes extra sensing elements that ensure the boom maintains the optimum height above the crop or the ground, so spraying accuracy is maintained and spray drift risk is minimised.

More.

“For many years we have advocated automatic boom levelling and height control as an essential tool to reduce spray drift and to improve application accuracy”, says Brian Knight.

“The undulating British countryside is particularly challenging for boom suspension and automatic boom levelling.

“We believe the new 4D boom suspension, combined with Distance Control II, take this to a new level and offer unrivalled performance and improved application efficiency.

“By adding an additional suspension element to the boom we have further isolated the influence of ground conditions and changed the way the automatic boom control system interacts. Both systems have been designed to work together rather than adding auto boom control to the existing boom design”.

STORY ENDS.