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MEDIA RELEASE

Kuhn Innovates by Integrating Section Control on A Plough

As a result of in-depth reflection of the KUHN Group's Research and Development team, the Smart Ploughing device offers the possibility of lifting each body individually thanks to a system that is fully integrated into the plough beam. The geolocation of the plough automates furrow entry and exit in order to achieve a homogeneous and repeatable work regardless of working conditions and shape of the plot.

The Smart Ploughing innovation has already won several awards at numerous European trade fairs and will make its market debut on the new VARI-MASTER L plough range.

The KUHN Smart Ploughing innovation brings many technical and agronomic benefits to the farmer:

- **Improving ploughing quality**

The Smart Ploughing system ensures homogeneous work throughout the plot with a straight and fast exit of each body in order to eliminate the "Z effect" in the headland. Headland overlaps are reduced to a minimum, which improves burial of residues and reduces headland compaction.

Faced with new environmental requirements, Smart Ploughing is a solution to effectively manage weed growth through better burial, limiting the risk of spread.

- **Increased working comfort**

Automation of the body lift coupled with GPS geolocation simplifies ploughing. The driver can focus solely on driving the tractor.

In addition, the creation of a straight and unbroken boundary between the ploughed lengths and the headland greatly reduces shocks and shaking during headland passes.

- **Time savings and increased profitability**

The easy handling of a plough equipped with the Smart Ploughing system allows less experienced drivers to perform high quality ploughing. Manual management of bodies from the cab provides the driver with the possibility of lifting or lowering one or more bodies in order to adapt to the working conditions, especially when the power requirement becomes too high.

Finally, the reduction in the number of headland passes is beneficial throughout crop establishment since it is no longer necessary to level or reduce its speed at the headland.

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Media contact:

Holly Steger

Norwood Marketing Manager

06 356 4920

027 416 1876

Holly.Steger@norwood.co.nz

www.kuhn.co.nz

