

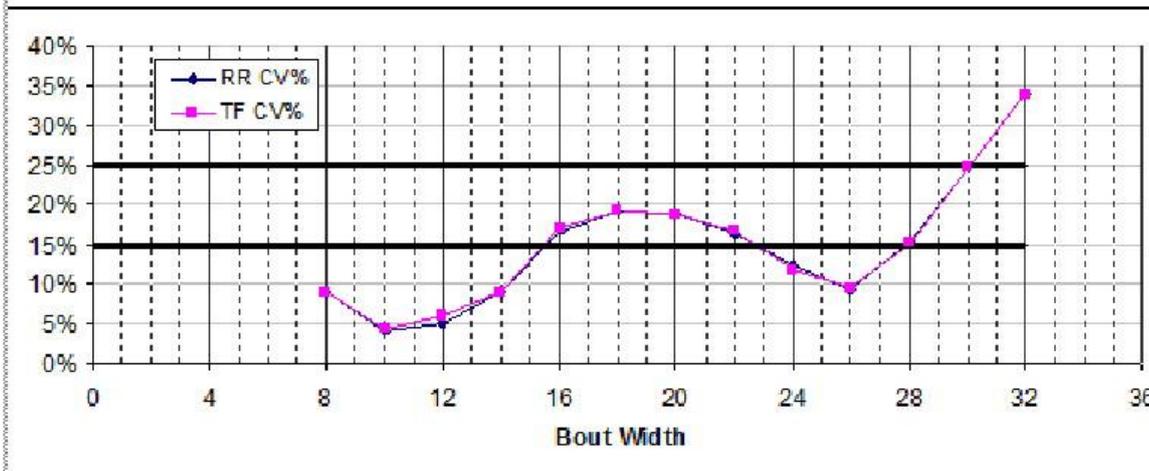
Transpread International Ltd

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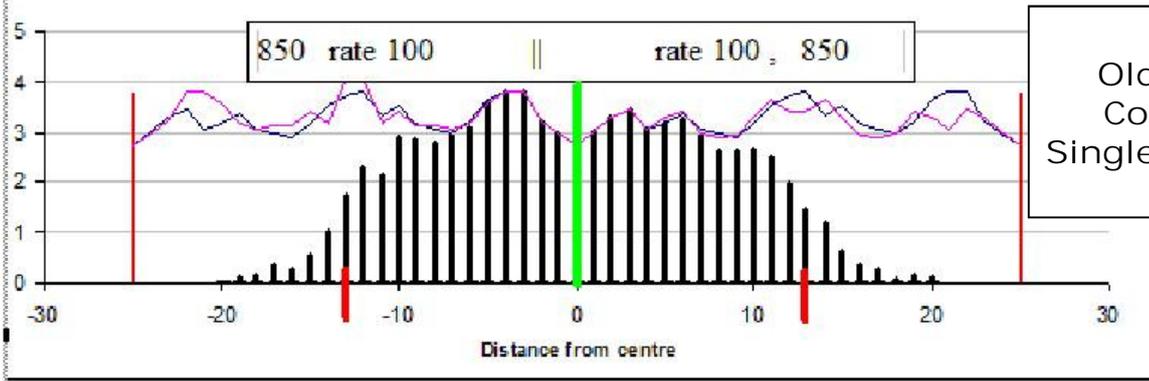
Headland / Border Control

Urea spread at 100kg per ha, Spinner speed 850rpm
 Vane and Deflector settings B,B

A

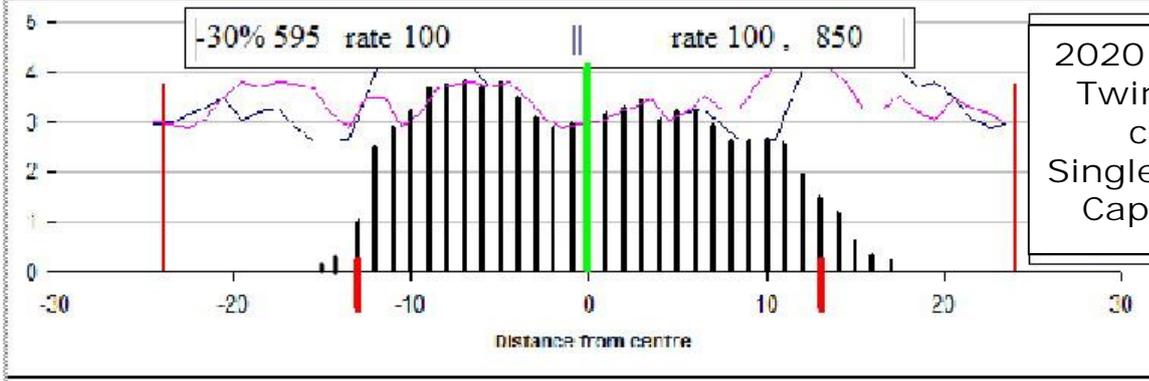


B



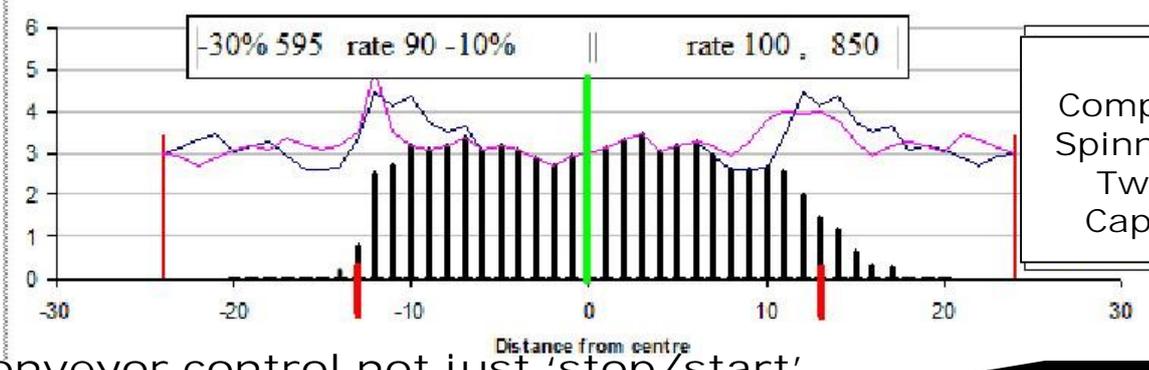
Older type
 Computer
 Single Conveyor

C



2020 Computer
 Twin spinner
 control
 Single Conveyor
 Capabilities.

D



1020
 Computer Twin
 Spinner Control
 Twin Chain
 Capabilities.

Full conveyor control not just 'stop/start'



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Headland / Border Control

Urea spread at 100kg, Spinner speed 850
Vane and Deflector settings B,B

Figure 'B' on the previous page show the spreading charts from a standard spreader with a single conveyor and single spinner control. This is comparable to a spreader with old type hydraulics where the spinners are run in series. There is no separate control of each spinner and they will never run at the same speed which adversely affects spread testing.

Figure 'C' shows the spreading chart with our enhanced twin spinner control functionally. To operate on borders, the left hand spinner has had its speed reduced by 30% which brings in the overlap part of the spreading pattern. This border control has been possible with Transpread 2020 controllers for over fifteen years, yet many units are built with old hydraulic design and it is not used. Both spinners are controlled separately by the computer allowing variation in motor wear to be corrected. This shows up in spread width testing, both spinners do exactly the required RPM. This is the very minimum a Farmer should expect a contractor to have and take for granted that he has.

The Transpread spinner control systems have two key advantages to achieve a consistent spread pattern:

-)] The ability to adjust for headland / border control.
-)] Consistent spinner speed in any conditions.

Figure 'D' shows the spreading chart for a twin chain spreader with the left hand spinner again reduced by 30% and the left hand conveyor reduced by 10%. This further improves the accuracy of the spread pattern on the borders by regulating the spread rate. This is innovative, patented technology available only to Transpread spreaders with twin chains.

Imitations of the Transpread technology come with only 'stop/start' control due to the limited hydraulics and controller hardware. Transpread has been able to offer full control on either side of the spreader for over 10 years. Full control allows either side to be

independently run down to a stop or taken up to double speed. This gives the ability to completely stop spreading on either side when required (waterways, tracks etc) or by increasing the rate and spinner speed to cover a larger area (spreading a steep face). This is comparable to coverage by a blower.

This photo shows the drop off in production around the outside of a field where no border control was used. By slowing the spinner on one side we are able to evenly spread up to a boundary line. No fertilizer wastage or contamination. Keep your fertilizer on your field and increase your production.



Full conveyor control not just 'stop/start'

