

## 2012 PRESS LEAD

**Company: Vaderstad**

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### **NEW SEED AND FERTILISIER COMBINATION FOR SPIRIT 400F**

Spirit 400F is a new Spirit model that incorporates fertiliser into the soil during drilling without the need for more horsepower. A 3900 litre hopper is divided in two sections with the front section being used for grain and the rear section for fertiliser. The hopper is easy to fill with both small bags, big bags and bulk fertiliser.

The fertiliser coulters are positioned in the System Disc toolbar, with fertiliser being placed along with every seed row at spacing of 12.5cm. Soil flow created by the discs then covers the seed. Soil is reconsolidated by the carrying wheels and the press wheels, creating good contact between soil and fertiliser, which improves crop access to nutrients.

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By covering the fertiliser in soil in bands of approximately 5cm and by placing the seed behind in distinct rows in a method which had been called FIX, seed and fertiliser contact is kept to a minimum. Incorporating fertiliser in this way is an insurance against drought, making every kilogram of N and P more effective.

Spirit 400F has a new metering system, Fenix II, that gives easier turn tests, improved stability, reliable metering and the scope to drill extremely low rates – down to 1 kg/ha.

The metering function is driven by an electric motor, ensuring consistent output. A flap for closing off the supply of seed to the drilling system makes it easy to work on the seed house even when the seed hopper is full. The metering system is corrosion-proof and well suited to the metering of fertiliser.

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