AMAZONE

Return on Investment

AutoTS – the disc-integrated border spreading system

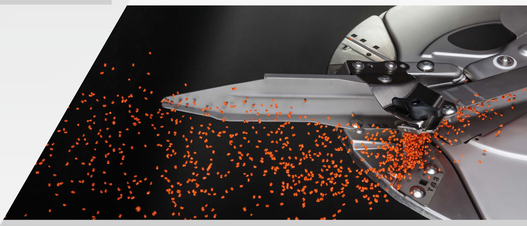
Assumptions made:

- Tramline width: 36 m
- ∅ Field size: 12.00 ha
- ∅ Wheat yield: 7.8 t/ha
- ∅ Profit: 180 €/t
- Fertiliser 1.08 €/kg N

Results from the Wieselburg use case:

System	Profit/ha	Extra profit
Without border spreading system	€ 1343	
Limiter	€ 1363	+ € 20
AutoTS	€ 1387	+ € 24

AutoTS – setting for normal spreading



AutoTS – setting of delivery vane for border spreading

Economic considerations:

- additional cost for AutoTS: € 5145.00
- Using the AutoTS border spreading system results in an extra profit of € 24 per hectare compared to the Limiter
- The AutoTS border spreading system has paid for itself in full after only **214 ha** on account of the resulting additional yield

WindControl – don't give wind a chance

Assumptions made:

- Tramline width: 36 m
- ∅ Wheat yield: 7.8 t/ha
- ∅ Profit: 180 €/t
- ∅ Wind speed: 4 m/s

Results of long-term trials:

- Improvement in the coefficient of variation* of 5.6 % through WindControl
- Resulting additional yield 1.12 %

Economic considerations:

- Purchase price of WindControl: € 3625.00
- The additional yield of 1.12% results in an extra profit of 15.72 € / ha
- The WindControl system has paid for itself in full after only **230.53 ha** on account of the resulting additional yield

* the coefficient of variation (CV) describes the deviation in the lateral distribution

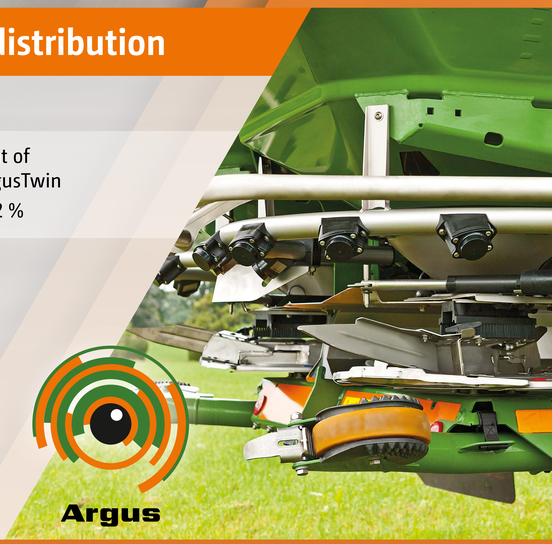
ArgusTwin – for monitoring the lateral distribution

Assumptions made:

- Tramline width: 36 m
- ∅ Wheat yield: 7.8 t/ha
- ∅ Profit: 180 €/t

Results of long-term trials:

- Improvement in the coefficient of variation of 5.1 % through ArgusTwin
- Resulting additional yield 1.02 %



Economic considerations:

- Purchase price of ArgusTwin: € 7500.00
- The additional yield of 1.02% results in an extra profit of 14.32 €/ha
- The ArgusTwin system has paid for itself in full after only **523.71 ha** on account of the resulting additional yield