TWIN FORCE trial 2017 and 2018

We received now an independent test report from the Aarhus University. There is a presentation available, which should be used to show the advantages of TWIN FORCE active air assistants.Further information are available from Christoph Schulze Stentrop css@hardi-international.com.



Good to know in regards to drift reduction

- The ISO-LD 025 has at 3 bar medium spray quality and is in droplet size comparable with the ISO-F 04 which is the German reference nozzle for drift trials
- Comparing the data with the German JKI basic drift curve shows that the conditions was challenging the conv. 8 km/h was approx 75 % higher than the basic drift curve
- The drift level is very low also in conv. spraying it is the enviromental aspect important not the PPP saving
- TWIN FORCE has in France and Netherland always a higher drift reduction class the discussion with JKI is not finished – but also this data shows TWIN is always a class better

SUMMARY

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- Spray deposition and spray drift from applications at two wind speeds were tested at 8 and 12 km/h with conventional technique and 8, 12 and 16 km/h with TWIN air-assistance.
- Deposit values under the boom were generally larger at the lee side compared to the wind side. Deposit values were more even at both 8 and 12 km/h when TWIN air-assistance was applied.
- The spray drift measurements in the test overall showed a significant influence of spray technique.
- Conventional technique at 8 km/h and 12 km/h gave the highest spray drift values.
- Spray drift with TWIN air-assistance at 16 km/h was significantly reduced compared to the two conventional applications.
- TWIN air-assistance at 12 km/h and 8 km/h further reduced drift significantly.















