



NEWSLETTER

2019



PRODUCT NEWS: NAVIGATOR i

PRODUCT NEWS: SmartCom

PRODUCT NEWS: MEGA

TEST RESULTS: TWIN FORCE



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MyHARDI

— smartphone app

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Producing food is of vital importance for the world

How can we feed the world's growing population and protect the environment at the same time?

The answer to this question is becoming more and more critical, not just in terms of the quantity and quality of food that we can produce, but even more in how we manage food production both today and into the future.

In many countries, many people are asking challenging questions about farming methods.

The farming industry is always seeking to improve its processes and methods. New farming methods are constantly being developed to protect the environment while increasing food production for a growing world population.

By this, we can give constructive answers to those vital questions.

To speed up the process, however, it is important that we all join forces as far as possible in regards to both developing solutions and communicating our achievements. We have to let the world's citizens know how we are continually improving farming methods in ways that produce more quality food while reducing the environmental impact of our activities.

USA and Australia affected by late growing season

This year's growing season is now well under way, although a little late in North America and Australia. Northern Europe has seen a very dry start to the spring while the rest of EU and the CIS region seem to be experiencing a normal growing season. Both the USA and Australia are experiencing a more extreme weather pattern. Some rather unencouraging records were set during April: The Mississippi River reached its highest water level since records began; and South Australia recorded its lowest rainfall for the first 4 months of the year since 1888. In the northern part of Europe, a dry spring has also been experienced. These facts show that farmers also have their challenges in regards to climate change.

As an important player in the industry, we at HARDI share an obligation to help reduce the environmental footprint of modern farming, increase the quantity and quality of food production, and provide farmers with options to improve their efficiency. We can do this by reducing input costs and keeping the impact of chemicals on the environment to a minimum.

New products for demanding farmers

HARDI is introducing a number of new products that offer answers to the above, such as:

- ▶ The new SmartCom computer with features such as connectivity, diagnostics, and a large number of extended spray functions
- ▶ NAVIGATOR i with AutoNozzleControl
- ▶ MEGA lift mounted sprayer
- ▶ 3rd generation TWIN with new Heavy Duty center and boom, negative tilt for better performance, Hydraulic AntiYaw
- ▶ ALPHA with the DELTA FORCE boom

New TWIN test results

The "Flakkebjerg" test report of the HARDI TWIN system proves that we can reduce chemical input by up to 30% without compromising effectiveness, while also reducing drift by up to 80% – all with the same nozzles, spraying speed, dosage and weather conditions as conventional spraying.

Single nozzle on/off, or 'AutoNozzleControl' in HARDI language, also improves spraying efficiency by minimizing the size of the boom sections to achieve chemical savings of up to 10%.

We hope you will enjoy the reading and get connected.



STEN KJELSTRUP
President, CEO



i for intelligent – Welcome the new generation of NAVIGATOR sprayers

To reduce environmental impact as much as possible, the new NAVIGATOR “i” machines offer you the best intelligent spraying features – helping to increase application precision significantly and make the operation of the sprayer easier and safer. The AutoWash automated cleaning system ensures no residues are left in the liquid system or main tank, while automated spraying features like AutoNozzleControl control each nozzle individually for higher precision and faster driving speeds. The entirely new HARDI SmartCom ECU delivers faster diagnostics – making you well prepared for the future.

The NAVIGATOR
NAVIGATOR is synonymous with high quality and design which supports functionality.

These properties work to ensure value for money and ease of use. In the HARDI trailer family, NAVIGATOR offers features from mid-size to full specification solutions.

The large range of high quality features makes the NAVIGATOR the obvious choice.

Concept
Demands for simple and reliable solutions, serviceability, and high capacity are universal world-wide.

NAVIGATOR represents HARDI’s experience as a sprayer specialist. The proven success of NAVIGATOR sprayers since their introduction has shown the value of this position.

All intelligent
The NAVIGATOR has now been lifted to a whole new level with the introduction of the “i” version – featuring:

FluidBox To ease the operation of the fluid system, an all new HARDI FluidBox has been added to the WorkZone. Easy-to-operate SmartValves put the operator in complete control of filling, agitation, spraying and cleaning.

AutoWash For an easier, faster and more efficient rinse process, we offer the automated AutoWash. The SmartValves are operated automatically from the tractor cabin so the operator can avoid coming into contact with the equipment or the sprayed crop. Three rinse programmes



make cleaning easy. The process is done whilst in the field, where multiple rinse actions provide best-in-class reduction of residual chemical concentrations – using only 400 litres of clean water.

AutoFill To ease the filling process and prevent overfilling, we offer AutoFill. The operator sets the fill volume, connects the hose and starts the fill via the FluidBox. The filling process will automatically stop when the preset volume is reached.

AutoAgitation To maximize agitation without foaming and minimise tank residues, we offer fully automated AutoAgitation. When filling, AutoAgitation ensures maximum FastFiller capacity – while a manual override is always possible from the FluidBox.

PrimeFlow PrimeFlow circulates and primes the boom before the actual spraying and is controlled by an ON/OFF motor at each nozzle body. The open/close action is instant.

SmartCom Offers the user a full ISOBUS experience, meaning easy connection to tractors and controllers. A more powerful processor offers faster processing times, for a more accurate and responsive liquid regulation system as well as the ultimate steering system. The ISOBUS system also allows you to add new features later, while fast diagnostics help avoid down-time. The built-in ability to connect to several Cloud Services means the system will have you prepared for the future.

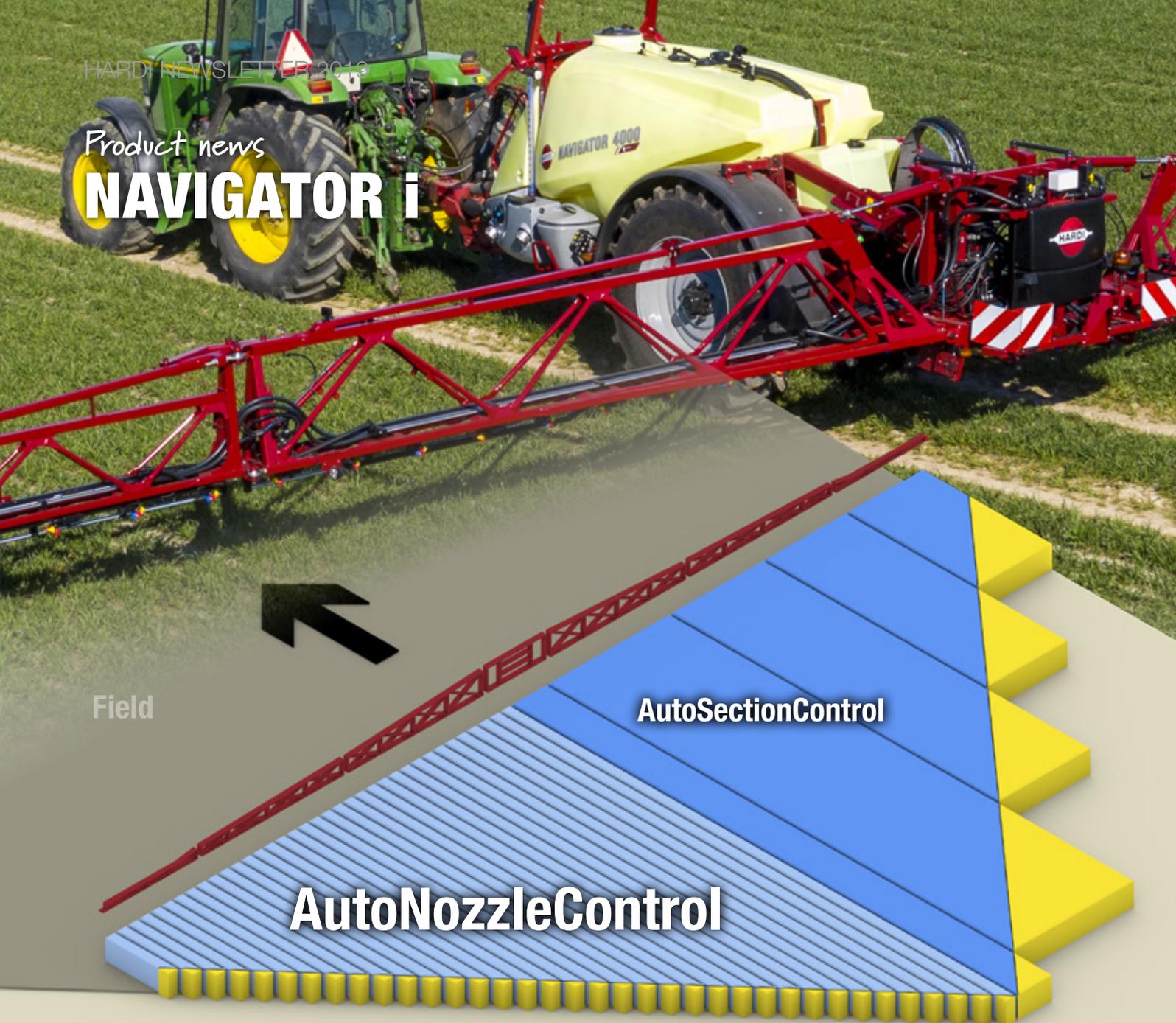


SPECIFICATIONS

- ▶ **Tank:** 3000 / 4000 / 5000 / 6000 l
- ▶ **Track:** IntelliTrack, high performing and stable drawbar steering
- ▶ **Controller:** HC 8600, HC 9600, ISOBUS
- ▶ **TurboFiller:** Efficient handling of liquid and powder
- ▶ **Liquid system:** DynamicFluid4 for precise application in all conditions
- ▶ **Axle:** Fixed 1.8 / 2.0 m or adjustable 1.5-2.25 m
- ▶ **Boom:** DELTA FORCE: For higher speeds and greater performance 24 to 39 m

Product news

NAVIGATOR i



Field

AutoSectionControl

AutoNozzleControl

Headland

- AutoNozzleControl
- AutoSectionControl
- Double sprayed area

AutoNozzleControl

Single nozzle control

Get full control of your spray job with the HARDI AutoNozzleControl automatic nozzle on/off feature. Working with the PrimeFlow system, exact control of each nozzle ensures the highest level of precision.

- › Every nozzle is controlled automatically
- › Save up to 10% of chemicals by minimizing double sprayed areas
- › Avoid crop damage due to double spraying
- › Avoid spraying in critical areas by switching off outer nozzles
- › In auto mode the sprayer works with 50 cm sections
- › Turning on and off of nozzle when turning in headland.



Product news

NAVIGATOR i – Features

- › Save up to 10% liquid with AutoNozzleControl
- › Automated cleaning with AutoWash
- › New WorkZone concept for easier operation
- › FluidBox – Easy operation of fluid system
- › Fast and easy diagnostics with SmartCom



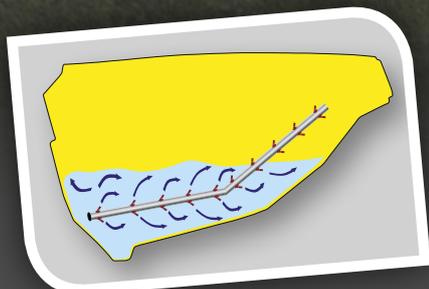
AutoWash – Ultimate cleaning process

For an easier, faster and more efficient rinse process.



AutoFill – Fast and accurate filling

To ease the filling process and prevent overfilling.



AutoAgitation – Best agitation performance

To maximize agitation without foaming and minimise tank residues.



PrimeFlow – Pressure circulation

PrimeFlow circulates and primes the boom before the actual spraying.



AutoSelect – Fast nozzle switching

The two-nozzle AutoSelect with four different settings, allows switching between nozzles from the driver's seat.



HARDI SmartCom – ISOBUS platform

The HARDI SmartCom offers the user a full ISOBUS experience, meaning easy connection to tractors and controllers. Fast diagnostics and connection to online Cloud Services will prepare you for the future.



HC 8600 and HC 9600 controllers

“Touch the future” with integrated electronics.



FluidBox – Operation of fluid system

With the NAVIGATOR “i”, an updated FluidBox is located at the WorkZone in the front.



A strong pump and stable boom made the choice

NAVIGATOR 5000 36 m DELTA FORCE

Spraying on raw arable land requires a stable boom and a sprayer pump that is simple and reliable. As this is the most important machine on the farm, these were the key requirements for a Danish plant-breeding farmer when he once again chose to buy a sprayer from HARDI.

At the Eriksholm farm, which is located in the town of Maribo at Falster, they have never bought any other brand of sprayer than HARDI. Last year a new trailer sprayer was needed to replace their eight-year-old HARDI COMMANDER 3200. As the area and number of crops have increased in recent years, they chose a new HARDI NAVIGATOR with a 5,000 litre tank and 36 meter DELTA FORCE boom.

"I took over Eriksholm together with my wife Erica on 1 January this year," says the new co-owner Frederik Rasmussen. "Including a couple of other farms plus leases, my cultivated area has reached 333 hectares." Until now, he has run Eriksholm together with his father Ole Rasmussen.

Today the ground plan contains grains, grass seeds, canola, beets, spinach and quinoa – and, for the second year, these crops will be taken care of with the new HARDI NAVIGATOR.

A really good and strong pump

Although both father and son have many years of good experience with HARDI, they considered other brands this time. However, they decided to buy another HARDI because they know the sprayers are very reliable, as Frederik explains:

"They have a really good and strong pump which does not require much maintenance. And when you do have to service it, it's cheap and easy to get access to".

Another benefit has been how quickly the new sprayer adjusts pressure.

"When you drive off a wedge and open sections to spray with the entire boom width, the fluid system is much faster to recover than I have been used to."

According to Frederik, the sprayer is the machine that must be most reliable.

"Typically we use it in the morning or Sunday afternoon and if it does not work it effects the schedule as well as the family", he says.

A stable boom provides a uniform result

Rasmussen's new NAVIGATOR 5000 has a DELTA-FORCE boom, which is one of the main reasons they bought this sprayer.

"I saw this one on a demo track alongside a couple of sprayers from competitors and it seemed to be stable. It is extremely important that the boom is stable, not just for up and down fluctuations but also back and forth movements – as these can easily cause double or half dosing while driving."

As the entire amount of nitrogen is allocated as liquid fertilizer, double dosing increases the risk of bearing seed. In addition, when spraying soils planted in spinach, overdosing can kill the plants.

FACTS

- › **Location:** Eriksholm, North West of Maribo.
- › **Area:** 333 hectares (of which Frederik Bruhn Rasmussen owns 266).
- › **Crops:** Sugar beets, red fescue, beach fescue, spinach, winter wheat, spring barley, winter rape and quinoa.
- › **Labour:** Frederik Bruhn Rasmussen and Ole Rasmussen.
- › **Sprayer:** HARDI NAVIGATOR 5000 with 36-meter DELTA FORCE boom.



When there is too much wind for the yellow low-drift nozzle, Frederik Bruhn Rasmussen instead uses the purple HARDI Mini-drift Duo nozzle, which has two fans and the same effect but a higher speed.

Later, when spraying to treat small weeds, under dosing is a bigger problem.

According to Frederik Rasmussen, the boom's stability is also emphasized by the fact that it quickly settles down when braking.

Grass weeds and rows make high demands

Despite flat fields, the spraying is still challenging at Eriksholm.

"We have arctic char in some places and therefore we need to spray the arable land with Roundup," Frederik Rasmussen says.

"The land can be uneven to drive on, and this places high demands on the boom."

He notes that a 36-meter wide boom generally requires a lot of boom suspension to stay even; especially on the headland.

They have chosen the DELTA FORCE boom in a version that can be folded to 24 meters in order to get a more flexible setup, which can help neighbours and provide extra options for future cultivation.

Use small nozzles and plenty of water

A place is reserved for the yellow LD 020 LOWDRIFT nozzle in the carousel.

"The yellow one is very good and we have always used it in beets and for Roundup", says Frederik Rasmussen.

Besides the small droplet size, he finds a relatively high water rate of 160 litres per hectare most effective for weed spraying.

If the wind increases he has a plan B – the purple double-fan HARDI MINIDRIFT DUO MDD 025 nozzle.

"This one also works well with 160 litres of water, and at the same time it allows a higher speed. Theoretically, its two fans should provide a better cover, which we've proven by comparing the two nozzle types.

When we spray 180 litres, the purple nozzle works at least as well as the yellow one.

One monitor is not enough

As the sprayer is ISOBUS controlled, Frederik Rasmussen decided that it should be operated via the tractor terminal.

"It means I need to switch around between five screens when driving, to monitor section control, spraying functions and the GPS", he explains.

"It would be smarter if several spraying functions were available on all the screens, so I didn't have to switch screens as much," he adds. "I will probably end up controlling the sprayer from a separate terminal."

Other challenges have been solved with assistance from his supplier.

"We made some mistakes while we learned the differences for this sprayer," Frederik reports. "For example, we used too much oil at first, which made the boom unstable."

Some technical changes have also been made, as it is important that the tractor's draw boom and track follower chains are placed in correct relation to the sprayer's drawbar, to optimize the steering. A tow ball became a part of the solution.

In addition, the supplier fitted a worktable next to the TurboFiller to help when measuring and pouring from heavy canisters.

Prepared for the future SmartCom



The HARDI SmartCom platform will let you enter a future of plug-and-play with unlimited capacity

HARDI SmartCom offers the user a full ISOBUS experience, meaning easy connection to tractors and controllers.

The faster processor also offers more accurate and responsive liquid regulation, as well as more precise steering adjustment thanks to its faster response times.

We have prepared the HARDI SmartCom for online connections, so you will be

able to connect to your favorite cloud solutions.

Additionally, the new HARDI SmartLink cable makes it possible for service staff to diagnose problems, update the sprayer and add new features directly from the HARDI ServiceTool.

All in all, with HARDI SmartCom, you are prepared for the future.



- ▶ Full ISOBUS for easy connection
- ▶ Quick and easy diagnostics with HARDI ServiceTool
- ▶ Prepared for remote diagnostics
- ▶ Faster and more precise regulation system
- ▶ Ultimate steering precision
- ▶ Prepared for cloud connections
- ▶ Faster process time



Functional design and improved performance

HARDI MEGA

Functional design and improved performance is setting new standards for lift mounted sprayers from HARDI. The MEGA features a sleek modern design, SmartCom, DynamicFluid4 and AirRide lift suspension

The market's largest range of lift mounted sprayers

By providing fast, accurate manoeuvrability and easier driving on hillsides, the lift mounted MEGA will help you to cover larger areas while reducing filling time. This is supported by the large range of tank sizes: 1200, 1500, 1800 and 2200 l (august 2019).

Stable boom movements

A great range of booms are offered for the MEGA, including the vertical folded PRO from 15 m to 18 m, and the VPZ boom from 20 m to 28 m.

To give you the highest boom performance, the MEGA boom centre is equipped with the AntiYaw system that minimizes back and forward boom movements.

Faster spraying and higher comfort

We have added the AirRide air suspension system, which helps to stabilize the boom movements and reduce shock loads on the machine, so you can spray faster and carry more liquid.

Higher precision

To give you higher precision and help reduce chemical usage, we have equipped all MEGA sprayers with the SmartCom platform. This enables options like DilutionKit, AutoSectionControl and AutoSlant. Together with the fast reacting DynamicFluid4 liquid system, you'll be able to spray with higher precision – and be prepared for adding new features in the future.

Get connected

To further minimize chemical consumption and save you money, the SmartCom electronic platform opens new possibilities into digital farming. For example, you will be able to adjust the dosage for one spray job or use digital field maps to assign non-spray areas.

Reduce downtime

To reduce downtime to a minimum, we have added diagnostics to the new SmartCom platform. This will help your service staff quickly find and fix any problem – to have you back spraying in no time.

MAIN FEATURES

- ▶ **AutoSectionControl**
Avoid overlapping sprayed areas
- ▶ **DynamicFluid4 fluid system**
– precise dosage and fast reaction
- ▶ **AirRide air suspension**
Higher driving comfort and spraying precision
- ▶ **SmartCom electronic platform**
Avoid downtime with quick diagnostics
– always ISOBUS sprayer
- ▶ **HARDI Grip and SetBox**
Full in-cab control of spray job
- ▶ **WorkZone for easy overview**
All manifold functions collected at one place
- ▶ **25 l TurboFiller**
Save time with both powder and liquids
- ▶ **364 or 464 HARDI pump**
Minimum service and maintenance
- ▶ **Tank**
1200, 1500, 1800 and 2200 (aug. 2019)
- ▶ **Boom**
PRO 15-18 m VPZ 20-28 m
- ▶ **High and robust XL-lift**
- ▶ **RinseTank**
170 l RinseTank on the right side
- ▶ **High capacity filter**
EasyClean on suction side and Cyclone on pressure side
- ▶ **Easy to operate**
Protected Manifold system
- ▶ Integrated transport wheels



HARDI MASTER Plus 1200 I 18 m

“I looked at other machines available on the market but it was the simplicity and compact nature of the HARDI booms that really sold it to me”

John Hennessy, Threecastles, Co.Kilkenny

Kilkenny local John Hennessy farms 280 acres just outside the city in an area known as Threecastles. He is the 3rd generation to farm here, taking over from his father Paddy more than 42 years ago after leaving school at the age of 14.

“Farming is all I ever wanted to do, so as soon as I could I finished my schooling and returned home to farm full time to help my father.”

The farm is divided up into both tillage and suckler enterprises. John finishes between 140-200 cattle, as well as sowing a combination of cereals such as winter wheat, barley, oats, plus fodder beet. “The farm is roughly 50/50 between tillage and cattle, which suits my system as I use some of the crops and straw for the animals during

the winter, while the bulk of it is sold to the co-ops.”

To take care of the crops John trusts one brand of sprayer and one only – HARDI. “I purchased my first HARDI sprayer back in 1977 off the local Kilkenny dealer, Barlo. The reason I chose HARDI at the time was mainly because the dealer was nearby for backup and parts, which I never even needed. The HARDI sprayer would have also been quite popular in the area with many of my neighbours working them and getting on very well.”

That first HARDI for the Hennessy farm was an 88 gallon (400 l) machine with 12 m boom, which was replaced no less than 15 years later by a newer version. This had been converted by IAM from a 12 m to an unusual 13 m machine, to suit the seeder John had on the farm at the time.

As time passed on and the machinery on the farm inevitably got larger and more efficient, so too did the sprayers. “I took a big step forward in 2012 when I bought a new 1000 l HARDI with 18 m boom, mainly because the tractor I was using for spraying was now capable of handling a bigger sprayer. Plus I was doing most of the work on the farm myself, which meant I needed a more efficient sprayer to get the job done faster”.

This machine was just recently changed for Johns fifth HARDI sprayer, a 2018 MASTER Plus 1200 I machine with 18 m boom.

“I thought the last sprayer would see me out but decided because of the TAMS grant I was going to upgrade it to a slightly larger machine with a few more creature comforts. The new sprayer has an even better pump than the previous machine and the



induction bowl is more powerful, which is a big advantage when using powdered chemicals.”

Folding of the booms is completely hydraulically controlled and was one of the main selling points for John when choosing HARDI. “I looked at other machines available on the market but it was the simplicity and compact nature of the HARDI booms that really sold it to me. They fold up neat and tidy behind the sprayer and don’t protrude out where they can get caught by bushes. Even though they have a break back protection system as standard, I still don’t want to take the chance of doing damage to them.”

The new sprayer has a hydraulic levelling system which can also be controlled from inside the cab for both height and angle. This is vital on for the 18 m boom, which is also cushioned for working on rougher ground. For added operator comfort all the functions are managed electronically via a compact and easy to use control box. There is also a section control feature which virtually eliminates spray overlap thus saving time and money.

“I am by no means a big GPS guidance fan but the benefits of using section control and its simple and accurate operation is swaying me more and more that direction.”

New MASTER Plus also makes looking after the sprayer simpler, with all the grease points combined into two grease banks at the front of the machine. Operating controls are clearly labelled and distinguishable making them easy to understand.

“For me, the HARDI is a pleasure to work with. It’s simple to use yet accurate in the field, the robust construction manages Irish conditions without any problem, and it is extremely well designed which is very noticeable by how well-balanced it is on the tractor. I would have absolutely no hesitation in recommending a HARDI sprayer to anyone. I’d say ‘Go ahead and buy one, you won’t regret it’ .”



Air ON



Test results proves: Worlds best application system
HARDI TWIN

Reduce up to 80% drift while saving up to 30% plant protection product – with more even coverage

New test proves HARDI TWIN is world's best application system

A new test by Aarhus University in Denmark, using a HARDI COMMANDER TWIN FORCE sprayer, shows again the great advantages of active air spraying.

Minimizing the environmental impact of spraying by lowering the consumption of plant protection product up to 30% – and reducing drift by an astonishing 80% at the same time – the TWIN boom will give you the best return on investment for your bank and climate accounts.

Very challenging conditions

The trial at the Flakkebjerg Test Center was made on bare ground and stubble to make the conditions as difficult as possible with a medium spray quality. Petri dishes mounted on small platforms were used as collectors to measure the sediments – and with a total of 15 runs per day with 45 petri dishes per run, a lot of data was collected.

The tests were made under a range of conditions, including high wind speeds of up to 6 m/s and driving speeds up to 16 km/h.

To compare the test as closely as possible to the German JKI tests, we used an ISO-LD 025 nozzle from HARDI with a 3 bar pressure. This delivered a medium sized spray droplet, very similar to that of the JKI reference nozzle. As the tests started, it was quickly discovered that the basic drift curve would be approximately 75% higher for the conventional boom driving at 8 km/h. The goal is always to keep the drift at a minimum, and for these tests, the drift should be less than 0.01% at 20 m distance from the end of the boom.

The results

The final results from the Flakkebjerg report speaks for itself. Using HARDI TWIN air assisted booms, you will get a more even deposit compared to conventional booms, while reducing your use of plant protection products by up to 30% – seen as the variation between the minimum deposit for the conventional boom compared to HARDI TWIN. This is for open crop or bare soil; in dense crop the result would be even higher.

Using the same nozzle, the same driving speed, and the under the same wind conditions, the HARDI TWIN system will reduce

your drift by up to 80% compared to a conventional boom – and with even higher wind or driving speeds, you would see an even further reduction in comparable drift.

For countries like France and Netherlands, the HARDI TWIN system will always be in a higher drift reduction class. This is backed up by this test, showing that HARDI TWIN is always a class better.

So many reasons for buying HARDI TWIN booms

The TWIN air-assisted system was first developed for mist blowers back in the 1970s and 80s but quickly gained success with field sprayers. To compensate for wind conditions, the system allows the driver to angle the spray swath and adjust the air speed. It means the driver is able to reduce drift and achieve a much better penetration in dense crops – while at the same time being able to lower water consumption by hitting the target with a minimum of waste. This results in a lowering of the chemical usage by up to 30%. In combination with higher practical driving speeds and less filling, the total spraying capacity will increase by up to 100%.

Air OFF



TRIAL OVERVIEW

- › **Where:** Aarhus University – Flakkebjerg Research Center
- › **Sprayer:** HARDI COMMANDER 4500 l – 24 m TWIN FORCE
- › **Trial done on:** Stubble and short grass
- › **Nozzle:** ISO LD 025 – Spray pressure 3 bar
- › **Working speed – volume rate:**
 - › 8 km/h Conv & TWIN – 150 l/ha
 - › 12 km/h Conv & TWIN – 100 l/ha
 - › 16 km/h TWIN – 75 l/ha
- › **Sedimentation drift following the German JKI protocol**
- › **Low/normal wind speed:** 3-4 m/s
- › **Higher wind speed:** 6-8 m/s



REDUCE DRIFT with HARDI TWIN UP TO 80%



SAVE PLANT PROTECTION PRODUCT UP TO 30%

- › **Up to 100% more spray capacity**
- › **Optimal field timing**
- › **Better penetration in the crop**
- › **Lower water consumption**
- › **Faster spraying speeds**
- › **More than 30 years' experience in TWIN**

Conclusion

Aarhus University – Science and Technology, Department AgroEcology Flakkebjerg, Author: Peter Kryger Jensen

- › Spray deposition and spray drift from applications at two wind speeds were tested at 8 and 12 km/h with conventional technique and at 8, 12 and 16 km/h with Twin air-assistance.
- › A 24 m trailed HARDI TWIN sprayer equipped with LD-025 nozzles at 3 bar pressure was used in the test.
- › Deposit values under the boom were generally larger at the lee side compared to the wind side. The differences were most pronounced in the test at high wind speed, where the differences in deposition between wind side and lee side was especially large for the two conventional techniques.
- › The most even distribution was found with TWIN at 8 and 12 km/h. Conventional technique at 8 km/h and 12 km/h gave the highest spray drift. The two TWIN applications at 12 and 16 km/h obtained significantly lower spray drift than the two conventional applications, but higher drift values than TWIN at 8 km/h. The spray drift measurements in the test showed a significantly lower drift from TWIN at 8 km/h compared to the other four techniques at both wind speeds.



HARDI joins *Farming Simulator* 19

HARDI INTERNATIONAL A/S is part of this year's Farming Simulator from GIANTS Software

In the latest version of the game, you are able to work your fields in three categories of HARDI sprayers. The lift mounted HARDI MEGA 2200 I, the trailed HARDI NAVIGATOR 6000 I and the massive HARDI RUBICON 9000 I self-propelled sprayer.

With more than 15 million sold games since 2008, GIANTS Software's award-winning Farming Simulator is the number one farm simulation game on the market.

The Farming Simulator series is developed by GIANTS Software. The farming locations are based on American and European environments. Players are able to farm, breed livestock, grow crops and sell assets created from their farming activities.

Farming Simulator '19 is available now



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