

CLAAS

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New JAGUAR meets with approval

Both Martin Haskett and Brian Metcalfe have been impressed with the new features on their pre-production JAGUAR 900 series foragers.

Wincanton contractor Martin Haskett had ordered a new JAGUAR 890 Speedstar, when he was offered the opportunity to assess a pre-production JAGUAR 950. In Leyburn, North Yorkshire, Metcalfe Farms replaced one of their two JAGUAR 900s with a new JAGUAR 980 in order to increase capacity and avoid hiring a further machine at peak periods.

At 507hp, the new JAGUAR 950 is the same horsepower as the JAGUAR 890 Speedstar, whilst the JAGUAR 980 features two engines with a combined output of 830hp. Both incorporate new features designed to make operating the forager as easy as possible, such as the easily accessible open centre V-MAX chopping cylinder with COMFORT CUT. In the VISTA cab, all the main settings are adjusted using the new colour CEBIS control unit, which is also used to monitor and record output data.

"The new features have certainly made the driver's job easier. CEBIS is pretty self-explanatory and makes setting up the forager straight-forward and provides a lot of useful information. Also the digital additive applicator will be useful for the future," comments Martin.

Both Martin and Brian agree that one of the biggest changes is the new V-MAX cylinder and that access to the chopping cylinder is greatly improved.

"I like the new curved blades and for the first time ever we had no stone damage," says Brian. "Also the fact that we no longer need to re-bevel the blades when they get worn has saved a lot of time."

"For me, one of the biggest advantages is the new chopping cylinder," adds Martin. "Not having had COMFORT CUT before I was very impressed, as it meant that by being able to offer a range of chop lengths from 7mm to 25mm with a half set of blades, I could meet all my customers requirements."

Going for the most powerful twin engine JAGUAR 980, Brian intended that this should not only handle the vast majority of the 3,600ha (9,000 acres) of grass that Metcalfe Farms harvest, but using a 10 row ORBIS header it should also clear all of the 810ha (2,000 acres) of maize, which in the past has been just too much for one machine.

"Having that power available not only gives us increased harvesting capacity, but also helps make the tractors and trailers more efficient. Their sole purpose is to transport grass to the clamp, so the longer they spend loading, the more time is wasted," explains Brian who reckons that a 12 tonne trailer is loaded in about one and a half minutes, compared to three with the JAGUAR 900.

"The power of the JAGUAR came into its own in maize, but the larger intake meant it also handled big heavy crops of grass far better than the JAGUAR 900 which could struggle at times, as output was limited by the feed rollers."

"The new cab was comfortable and visibility out the back was far better and that, combined with the greater 210 degree spout swivel, made loading trailers far easier," adds Martin. "The longer wheelbase and having the engine further back has also improved stability and avoids the need for belly-weights when using the heavier DIRECT DISC or maize headers, although we do still carry barrels on the back which helps. The increased length also means servicing is easier because there is more space."

Another feature that impressed Martin is the variable tyre inflation system and the ability this gives to reduce tyre pressure in soft going, and then increase the pressure for the road. Also later in the season it meant when using the heavier DIRECT DISC header they could increase pressure in the field, but reduce it again once the header was removed for transport.



Martin Haskett





Scotland's top learner

Congratulations to Sellar's technician Calum Macleod, who swept the board at the fifth Lantra Land-Based Learner of the Year awards in Scotland.

Calum, who works at Sellar's Cupar branch in Fife and completed his apprenticeship last June, was awarded the 'Overall Winner Land-Based Learner of the Year' prize, in addition to the 'Agriculture Learner of the Year' and 'Modern Apprentice of the Year' titles. He received a cash prize of £950 plus the Peter Alexander Perpetual Trophy.

In all some 16 Awards were presented to the 11 winners, who received their prizes from Maureen Watt MSP, Minister for Schools and Skills.



Calum (left), with Maureen Watts MSP and last year's winner Barrie Lewis.

The DISCO CONTOUR's a great step forward

Having mowed around 600ha (1,500 acres) last spring with their new pre-production DISCO 3100C CONTOUR mower, Ian and Andrew Smith have been so pleased with its performance that they have bought a second CONTOUR mower from Gordons for this year.

In addition to farming, as part of their contracting business based at Kilmaurs in Ayrshire, Scotland, the brothers clear 1,416ha (3,500 acres) of silage a year using a JAGUAR 870 Speedstar. Supporting this are two front and rear mower combinations, plus a VOLTO 1320T and LINER 880.

The DISCO 3100C CONTOUR replaced a trailed mower and is used in combination with a front mounted DISCO, whilst the second mower combination uses a DISCO 3050C on the back, which will be replaced with the new CONTOUR mower for this year.

Comparing the DISCO 3100C CONTOUR with his previous DISCO 3050C, Ian Smith says that there is no question that the new CONTOUR is by far the better mower.

"Having always run trailed mowers, I was initially reluctant to go back to a mounted mower, but the problem with using trailed mowers was that with a front mounted unit, the combination was too long, and difficult to get in through tight gateways."

"The biggest benefit is transport – it's superb on the road," says Ian. "With some mounted mowers, those that fold back overhang too much, but the CONTOUR stays close to the tractor and the over-centre folding keeps the mower right in

line between the tractor's mirrors. Having the weight carried centrally over the back axle means the tractor stays well balanced, and the overall length is kept to a minimum, making it easy to get through gates."

"The CONTOUR does a superb job and is extremely easy to use. The ground following is excellent and it leaves a good clean swath, whilst the conditioner fluffs the crop up nicely. Another plus point is the QKC (Quick Knife Change) system which makes changing blades extremely easy and far better than bolts. Whilst we don't have many big stones around here, it is reassuring that if we did hit something solid the SAFETY LINK system would protect the disc bed."

- The new **Disco Contour** mower range uses centre pivot technology to give improved contour following characteristics for a cleaner cut.
- Following the initial launch last year, new for this Spring are two mower conditioner models, the 2.6m wide **Disco 2700C Contour** and the 3.1m wide **Disco 3100C Contour**, giving a total of six models with working widths from 2.6m up to 3.8m.
- The centre pivot design also has the benefit that when folded, the transport height is reduced which has enabled CLAAS to offer a new wider mounted model, the 3.8m wide **Disco 3900 Contour**.



Ian (right) and Andrew Smith



	Mounting	Conditioner	Working Width (m)	No of discs	Quick Knife Change	Safety Link
DISCO CONTOUR						
DISCO 3900 CONTOUR	Rear	No	3.80	9	Yes	Yes
DISCO 3500 CONTOUR	Rear	No	3.40	8	Yes	Yes
DISCO 3100 C CONTOUR	Rear	Yes	3.00	7	Yes	Yes
DISCO 3100 CONTOUR	Rear	No	3.00	7	Yes	Yes
DISCO 2700 C CONTOUR	Rear	Yes	2.60	6	Yes	Yes
DISCO 2700 CONTOUR	Rear	No	2.60	6	Yes	Yes

COUGAR cuts wasted time

A CLAAS COUGAR has given Chris Awdry greater flexibility and released men and tractors for other jobs at peak periods.

The 480hp COUGAR was bought from Vaughan Agri last year to replace one of his two reverse drive triple DISCO mowers, which support two JAGUAR self-propelled forage harvesters each harvesting around 2,832ha (7,000 acres) a year.

"The biggest benefit and the reason I bought the COUGAR is the potential it offers to improve efficiency in the field and reduce fuel use per acre," explains Chris who is based near Trowbridge in Wiltshire. "The key to a contracting business is the efficient utilisation of your labour and this can make or break a business. It gives me flexibility, because at peak periods it releases labour and tractors for other work."

Historically Chris has run his triple mowers on 330hp reverse drive tractors, but argues that by having the COUGAR, because he does not need this power for other operations, one option would be to run just one 330hp tractor and replace the other with a 200hp tractor, so saving around £50,000. In fact Chris has bought a tracked tractor which in turn has given him extra flexibility over his 1,600ha (4,000 acres) arable workload.

"Because the Cougar will do one and a half times what a triple does, this releases the 330hp tractor for other work, especially in the autumn when we are concentrating on cultivations. Also, for instance when baling it means that when the COUGAR finishes mowing, the driver can come back and go straight out baling without wasting time dropping the mowers and hitching up the baler."

"In operation, whilst the COUGAR is just as quick to get ready for work as the triple mowers, its increased output means not only will it finish quicker, but fuel usage per acre is also reduced. Also in a small field it will be more efficient than even a 3.0m mower, because not only will the COUGAR cover the ground quicker, but as it turns less often there is less dead-time and it reduces soil damage."

"It did take a bit of getting used to, but it is very user-friendly. It is a big machine, but it will get through a 12ft gate, so there are very few places it won't go, and it worked in everything from 1.2ha (3 acre) fields up to 28ha (70 acres) with spot rates of up to 16ha/hour compared to 8ha for the triple DISCO." Chris adds that he finds that at about 95hp/unit, the power is

well matched to the mower decks and that he has been very pleased with the quality of the cut and how well the mower units follow undulations.

"No two contracting businesses are the same, but the COUGAR suits my situation. The biggest advantage for me is the efficient use of labour and tractors, but my customers are also pleased as because it covers the ground so quickly, it means that quality will be more consistent through the clamp."



New 2008 CLAAS Scholar

Robert Fillingham, who is studying for an MEng in Off-Road Vehicle Design at Harper Adams University College, Shropshire has been awarded the prestigious CLAAS Scholarship for Agricultural Engineering.

CLAAS enjoys close links with Harper Adams University College and in order to gain the perfect balance between theoretical education and practical experience, the CLAAS Scholarship with Harper Adams was introduced and instigated by Helmut Claas.

Dr Peter Darkins, Senior Lecturer in Engineering said: "The CLAAS Scholarship is an excellent opportunity to work with one of the world leaders of agricultural engineering. CLAAS and Harper Adams have worked in collaboration and awarded this scholarship for several years. It is vitally important to build academic and industry links to support and encourage our future professionals by giving them the best start to their careers by gaining practical experience and sound teaching." He continues: "Robert is a very worthy Scholar and shown that he has the ability and the enthusiasm to become a leader in his chosen profession."

As a recipient of the CLAAS Scholarship Robert will receive a bursary to assist his studies and will complete various work placements at CLAAS, including a 12 week placement in the UK and a 15 month sandwich-placement in Germany. Upon successful graduation Robert will go on to work for CLAAS.

Left to right: Beate Kral (CLAAS Germany), Sylvia Looks (CLAAS Germany), Robert Fillingham, Jane Broomhall (CLAAS UK), Trevor Tyrrell (CLAAS UK), Dr Peter Darkins (Harper Adams Senior Lecturer, Engineering)



A serious appetite for baling

The new QUADRANT 3200 has enabled Troy Stuart to achieve increased bale densities of up to 400kg in straw.

In silage, Troy Stuart has been getting nearly 25% more output from the QUADRANT 3200. In straw, bale weights of up to 400kg have been achieved.



High density is critical to Troy Stuart who will have up to four QUADRANT 2200 balers working at peak periods and annually bales around 70,000 big bales.

A large proportion of the straw he bales is for merchants, so the opportunity to run a pre-production QUADRANT 3200 with its potential to increase density was one he keenly accepted.

“For straw merchants density is critical if they are to maximise trailer loads, and they are constantly pushing me to produce heavier bales,” explains Troy whose contracting business is based at Clyst St Mary near Exeter, but ends up baling straw as far afield as Hampshire.

“With the QUADRANT 2200 we are already baling at maximum pressure, so the potential of the pre-chamber on the QUADRANT 3200 to help further increase density was an attraction.”

The new QUADRANT arrived in time for the silage baling season and right from the start impressed Troy with its output with the baler averaging 70 bales an hour with peaks of 100 bales.

“I was amazed at the increase in output, it’s an animal in silage and on the lowest setting with the crop going through every second stroke, it puts away a serious amount of grass. It seems impossible to block and we never had the clutches go.”

“In first cut whilst we would normally row up in front of a QUADRANT 2200 with a LINER 7700, for the QUADRANT 3200 we were using a LINER 880 but we were still baling at the same speed. All told because of its appetite and the fact that we were losing less time due to blockages, plus it’s quicker to reset, I reckon we were getting nearly 25% more output.”

In straw, whilst the increase in output has not been so marked, Troy has been impressed with the increased densities he has been able to achieve, especially in thin swaths.

“As a rule of thumb I reckon the QUADRANT 2200 will produce a 330 to 350kg bale and guarantee three bales to the tonne. With the QUADRANT 3200 working in the same field and checking on the weighbridge, we have been achieving bales of 380 to 400kgs. Whilst I expected an increase, to get nearly 15% more was a total surprise and to handle the greater density we have had to change from 8600 twine back to 7800.”

“As a result, whilst previously the merchant would be getting about 18 tonnes on a lorry, he is now achieving loads of up to 24 tonnes, which obviously he is very pleased about, although he has had some customers who are convinced that the straw must have been baled wet to have achieved such an increase in weight.”

“The QUADRANT 3200 is an extremely impressive baler and is a machine that is not limited by its output, but by what you want to do with it.”

- The new **QUADRANT 3200** incorporates many of the well proven features of the **QUADRANT 2200** it replaces, but adds to this the new pre-chamber variable packing system introduced on the larger **QUADRANT 3400**.
- Using the **COMMUNICATOR** in-cab control unit, the operator has the option in heavier crops to let material go through to the main chamber on every second stroke, or in thinner crops to progressively hold the crop back and hence increase compression, so allowing consistency and density to be improved by as much as 20%.
- The **QUADRANT 3200** is available in **ROTO-FEED**, **ROTO-CUT** or **FINE-CUT** versions and the drive system is designed so that all the main components are powered separately for optimum efficiency.

Improved feed from ROLLANT

A new ROLLANT 354RF has given Adrian Cook the more positive bale formation he was seeking.

Farming about 120ha (300 acres) near Abergavenny, Adrian runs around 80 suckler cows, which includes the Nantyderri herd of pedigree British Blues, from which he sells bulls and females through the UK. For the winter he makes both grass and maize clamp silage, but also round baled silage for use through the summer and autumn before housing.

Using their own trailed forager, the Cook's clamp around 32ha (80 acres) of grass, but then all the second cut is baled and new for last year was a ROLLANT 354 ROTO FEED baler bought through Harold Johns.

"We previously ran a different make of baler, but the feed into the chamber was not ideal and meant you had to start slowly and gradually build up speed otherwise it would block, and was then difficult to clear," explains Adrian. "So the main requirement of the new baler was that it should have a feed rotor to give a more positive feed."

"We looked at the ROLLANT and one other make, but that was more money and I felt that the ROLLANT has been around for so long that CLAAS should have got it right by now!"

"The ROTO FEED system is a vast improvement and feed to the chamber far more positive from the moment you get into the swath."

In addition to the 500 bales of silage, the Cooks also make about 200 bales of hay and a 1000 bales of straw and oilseed rape from their own 24ha (60 acres) of arable and straw bought in the field locally.

Run behind a 125hp tractor, the ROLLANT 354RF came with the new CLAAS Medium Terminal (CMT) which, in addition to the standard controls, incorporates a digital display and functions such as additional bale counters, total hours and on-screen fault displays.

Ahead of the baler, the Cook's have a 3.0m mower and then row the crop in using a Swathwilter after about three days, which leaves a good shaped swath for baling.

"We have been very pleased with the ROLLANT. It makes a good sized, solid bale and is easy to service and maintain. With the control box, once I got used to it, I got on well with it and it makes setting up the baler easy."

King of the clamp

Operated in reverse drive mode, Oxfordshire contractor Charlie Baker's XERION 3300 makes light work of clamp work. The XERION's power means that it keeps well ahead of the trailers, leaving plenty of time for it to make the most of its weight and four-wheel steering to ensure that the clamp is well rolled.



Adrian Cook has been very pleased with the performance of his new ROLLANT 354RF.

Pellet power

In 12 years, Coppice Resources Ltd has come a long way from the idle chat Fred Walter and three friends had one evening over a pint in the local pub.



Faced with the problem of what to grow on old gravel pits which had mainly been reclaimed using fly ash from local power stations, the conversation revolved around the possibility of growing willows for fuel.

From this early start Coppice Resources Ltd (CRL) has developed into one of the leading companies in the field and aside from growing the willow in the first place, has also worked on how to cost effectively harvest, process and utilise the crop.

In addition to the 150ha (370 acres) that Fred grows on the 1,000ha (2,500 acre) family farm at Sutton near Retford in Nottinghamshire, CRL has a total of 1,500ha (3,700 acres) of willow in the ground throughout the British Isles, from Orkney to Kent and Norfolk to the west of Ireland. In addition CRL also works throughout Europe and even the USA.

The coppiced willow is harvested when it is about 7.5cm diameter which will yield about 40 tonnes of wet matter from 1ha. The crop is harvested on a two to three year cycle and with 1,000ha currently in the harvesting cycle, this year CRL will cut about 350ha using a JAGUAR 900 fitted with their own design of harvesting head.

CRL has worked closely with CLAAS UK over the design and manufacture of specialist harvesting heads for the JAGUAR, which are designed and fabricated by engineer and director Chris Mell.

Their first harvesting unit was based around a trailed forager driven by a 100hp tractor which could harvest about 0.5ha a day. Needing more power, this was converted for use on a 200hp reverse drive tractor. From there they progressed to developing a completely new head to fit on a 435hp JAGUAR 860, which for this year has now been replaced by a bigger head on the 623hp JAGUAR 900, giving them an output of about 12ha a day.

The specialist head comprises two saw blades, above which is a spiral bar to initially push the coppice over, so that it feeds butt-end first into the forager, where it is chopped into

25-27mm long chips. After harvesting, the chips are stored and left to dry naturally from about 55%MC down to about 35%.

In addition to the growing and harvesting side of the crop, CRL are now also working on the further processing and pelleting of the coppice for burning in specialist boilers.

Another company, Biojoule, has been established to develop a new processing plant which will dry, mill and pellet wood chips. The plant is totally self contained and

powered by its own power plant and once the chips are tipped in the hopper, a walking floor takes the chips through the drier, which itself is also fuelled by wood chips, where they are dried down to 12%MC, then on to the mill, and then finally to three pelletisers. For optimum efficiency, the unit is designed so that the exhaust gasses and heat from the generator or pelleting units are all recirculated back through the drying unit.

The processing plant is totally self contained and computer controlled, and designed to operate 24 hours, 7 days a week if necessary, with a maximum capacity of 10,000 tonnes of pellets a year. This is sufficient to replace 7,000 tonnes of coal, and so avoid about 25,000 tonnes of carbon dioxide.

"Whilst initially we were looking at power stations, newer domestic and commercial markets are developing gradually," says Fred Walter. "We currently supply five power plants throughout the UK, but in Nottinghamshire we now have 60 schools that are heated by wood pellets, taking anything between 2 and 20 tonnes a week, plus a number of police stations have also converted."

"We also work with The Energy Crops Company who market and distribute the pellets throughout the UK, but also supply advice on designing and installing commercial and domestic wood pellet plants."

"From having started as a discussion in the pub, this has gone from being a small diversification project that has just kept growing and as the market keeps developing, so we will keep on designing systems to meet that demand."

For further information, go to:
www.coppiceresources.co.uk; www.energy-crops.com or www.biojoule.co.uk

Top of the World The determination to achieve obviously runs in the family. In 2009, Fred's daughter Katie is planning to be part of an expedition to the North Pole, which will make her, at 16, one of the youngest people to travel the 70 nautical miles across the Arctic Ocean to reach the Pole, and help her raise funds and awareness for Dyslexia Action and the Notts Air Ambulance. See www.northpole2009.co.uk.



Wood chip mountains: 1,500 tonnes of chipped coppice willow left to air dry down to 35%MC.



The new Biojoule processing and pelleting plant has the capacity to produce 10,000 tonnes of pellets a year. The plant is totally self-contained and designed so that all the heat is captured and recirculated through the wood chip powered drying unit.



New LINER improves bale quality

A new LINER 2600 has enabled Alan Kift to achieve a more even swath for quicker baling and better bales.

	LINER 2900	LINER 2800	LINER 2700	LINER 2600
Working width (m)	8.0 - 9.0	7.4 - 8.2	6.8 - 7.4	6.2 - 6.8
Swath width (m)	1.4 - 2.4	1.2 - 2.2	1.2 - 2.0	1.1 - 1.8
Rotor diameter (m)	3.8	3.5	3.2	2.9
Tine arms per rotor	14	12	12	11

Based on the western edge of Exmoor near Ilfracombe, Alan Kift provides a general grassland contracting service and annually bales around 12,000 silage and hay bales using two ROLLANT 254 ROTO CUT balers.

The new LINER 2600 was bought last spring from Hamblys through their local service agent Robert Dallyn to work behind a DISCO 290 In-Line mower or where customers have teded their own crops. The LINER replaced a single rotor rake with the aim that a twin rotor rake would give him increased outputs, but also result in a better, lump-free swath.

"With a single rotor rake, having to go up and then back on yourself to get a good sized swath was slow and did not result in an even swath for baling," explains Alan. "The new LINER 2600 is considerably quicker and leaves a far better, more even swath. It's also very stable on steep ground and does not miss anything, so leaves a good, clean finish."

"The ability to change the width and gather more crop in thinner crops ensures that we can always achieve a good sized swath, which in turn has resulted in better, more consistent bales, as we are not having to go faster in thin crops to try and keep the baler full. Also, by having a more even, lump free swath we are getting far fewer blockages, which has helped increase daily output."

"In the past, in addition to teding their own crops, quite a few customers would also row it up, as most of them still had an old Haybob or similar, so we had all sorts of lumpy swaths to bale. Now, having seen how fast we can do it most just let us do the raking instead, which has given us far more control over the job, apart from resulting in more business."

Depending on the size and steepness of the field, Alan reckons that with the LINER 2600 he can comfortably cover between 4 and 6 hectares (10 -15 acres) an hour, with the baler running at about 40 bales an hour, again depending on how steep the field is.

"By creating a good swath, the bales are noticeably denser and just about on the limit of what smaller farmers with a tractor and loader can handle. Quite a few customers have commented on how much heavier the bales are."

Alan has also been impressed by how stable the new LINER 2600 is on the road. "We do a lot of roadwork, often on narrow lanes but even if you catch the bank or a ditch it stays stable. The steering also works very well and makes it easy to get through a 10ft gate off a narrow lane, which is often the case around here."

Alan Kift (left) with sons David, Andrew and Mike.



Reliable, efficient SCORPIONS

Mark Worrall has been extremely impressed with the pulling power and fuel efficiency of the four SCORPION telescopic handlers he runs.



Based at Appleby near Scunthorpe, Jackson (Farmers) Ltd farm about 2,630ha (6,500 acres) across seven blocks of land, spread over a large area.

To meet the handling needs of the predominantly arable farms and reduce road work, the company currently runs three 140hp SCORPION 7040s and a 120hp SCORPION 7030, all with boom suspension.

The SCORPIONS are used for a wide variety of tasks, including loading 12,000 tonnes of sugar beet and a similar quantity of grain, plus potatoes, in addition to handling seed, fertiliser and muck from a large pig unit. Typically they will clock up about 700 hours a year, rising to 1000 hours for the machine mainly used for sugar beet loading.

Jackson's have been involved with the SCORPION from before it was launched, as having previously operated TARGOs, CLAAS offered them a long-term pre-production SCORPION to test.

"We were impressed right from the start, the difference between the SCORPION and TARGO was noticeable," says farm manager Mark Worrall.

"The alliance with Kramer has obviously worked, as the build quality is good and they have been extremely reliable. For us, the biggest strengths are the fuel efficiency and the transfer of power through the VARIPOWER transmission, with the pulling power this gives. You also get good downward pressure from the crowd ram which can be useful."

Tows like a tractor

"When towing, even with heavy trailers, the SCORPION feels exactly like a tractor. The transfer of power to the axles is very positive and you get none of the power loss that you do with a



Mark Worrall

torque converter. This is a huge advantage as it means the SCORPION can load a trailer, tow it and unload it, so is totally self contained, which makes for easier man management and does not tie-up another tractor and man to tow the trailer."

"Another really big advantage is the fuel economy. The SCORPIONS are extremely efficient and despite having a larger engine than the TARGO, will last all day on the same size tank of fuel. The SCORPION will do in one tank what a TARGO would have used over two tanks for – the difference is that noticeable."

With eight staff on the farm, plus contractors also occasionally having to use the SCORPIONS, Mark adds that they are extremely easy to drive, which with so many different drivers is important.

"I have been extremely pleased with the SCORPION and the men like to drive them. They are all on MAXI CARE contracts, but they have been no trouble at all, and the support from Marsh has been terrific, which was one of the reasons we agreed to having a pre-production model and subsequently bought more."

CLAAS Word Search

Just for fun, see if you can find the names of 8 machines mentioned in this issue of HarvesTimes, which are hidden either vertically, horizontally or at an angle (either way) in the Word Search left.

T	A	S	D	F	C	L	P	X	R
Z	A	F	V	B	O	G	W	O	Q
Q	K	S	D	S	U	V	L	I	Y
U	M	L	C	A	G	L	W	D	U
A	T	I	F	O	A	R	T	I	G
D	P	N	G	N	R	Z	Y	S	H
R	X	E	T	Q	J	P	U	C	K
A	A	R	S	X	E	R	I	O	N
N	G	J	A	G	U	A	R	O	C
T	J	L	P	E	L	D	I	M	N

Farm Sunday

Hertfordshire farmer, Ian Pigott will be one of hundreds of farmers getting involved in this year's Open Farm Sunday on the 1st June.

In addition to being a major sponsor of this year's Open Farm Sunday event on June 1st, CLAAS will also be supporting through the loan of machinery the series of 'Workshops' being held around the country to help those who are opening their farm for the first time and will be donating CLAAS 'Goody' packs for June 1st.

The aim of the workshops is to enable those who are opening their farms to come a meet others who are 'old hands' and learn from their experiences. Advice will also be available from the organisers on a complete range of topics, from publicity, how to answer questions, how to manage the event, Health & Safety and insurance.

For further information on the Workshops which are being held throughout April and May, either visit the Open Farm Sunday website at www.farmsunday.org; telephone LEAF on 02476 413911 or email Carol Cartwright at carol.cartwright@leafuk.org.





CLAAS ROLLANT 354 RC – Making baling plain sailing

The best just got better: the CLAAS ROLLANT 300 Series now includes the new ROLLANT 354 ROTO CUT, a high-performance baler for use behind tractors with as little as 95 horsepower. Rugged yet sophisticated, it guarantees high bale densities by chopping the crop before it enters the baling compartment.

The ROLLANT 354 ROTO CUT from CLAAS – outstanding baling performance at an extremely competitive cost.

ROLLANT 354 RC

Your harvesting specialist | claas.co.uk

The CLAAS logo, consisting of the word 'CLAAS' in a bold, red, italicized sans-serif font.

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