

New servicing centre for the agrarian region

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New servicing centre for agrarian region



On 22 August, the Day of the Russian National Flag, Lipetsk Oblast Governor Oleg Korolyov opened a new servicing centre in the village of Khlevnoye, Lipetsk oblast, for sale and maintenance of AgroCentreLiski farm equipment.

On this day, one more holiday, the Village Day, was marked at Khlevnoye. Opening the new facility of AgroCentreLiski, Oleg Korolyov noted that this holiday would be incomplete without the opening of such an important agricultural establishment.

"This servicing centre demonstrates how fast our regional farming industry is developing," said Korolyov. "I'm proud that our farmers are introducing revolutionary technologies in their business and that such a large and advanced servicing centre will



operate in our oblast!"

The newly opened centre will not only sell farm equipment and service it. Its rooms and facilities will be used for seminars, demonstrations of farm equipment and training of the farmers. For this purpose, classrooms and demonstration sites have been prepared.

Nikolai Ivanishchev, AgroCentre Director General, thanked Oleg Korolyov for the possibility of building a high-end servicing centre in one of the country's most successful agrarian regions. Special thanks were expressed for the particularly favourable investment climate in the oblast.

"Today is a special day in life of AgroCentre," said Nikolai Ivanishchev. "We have been moving towards this event for a year and half. And now, instead of weeds high as a man, here stands one of the largest servicing centres not only in Russia, but also Europe. Undoubtedly, it will promote progress of the region's farming. Today at the facilities of this centre we service over 50 farms. We not only offer servicing to all farmers of the oblast, but also invite them to participate in various seminars and demonstrations."

By Yulia SALKOVA

A technological duet

Autumn in Voronezh started with the Industrial Crops Cultivation and Harvesting exhibition held in the Khokholsky district of the oblast. AgroCentreLiski introduced the guests to a "technological duet" used for sowing industrial crops.



The duet of the Massey Ferguson 8690 (340 hp) tractor and 16-row Challenger 9180 seeder riveted the guests' attention.

The MF 8690 tractor is one of the most economical in the world. Its electronically controlled AGCO Power engine makes possible non-stop regulation of the amount and frequency of fuel injection with allowance for the engine's revolutions and load. This not only saves fuel much better than most other tractors (on average 1 litre per hour), but also increases the machine's power.

The Challenger 9180 drill with a between-row space of 70 cm is a fine choice for sowing maize and sunflower.

"Thanks to the cutting disc fitted before the plant-out sections, the machine operates fine using both the traditional and minimum till methods," said Nikolai Kunitsin, AgroCentreLiski LLC sales manager. "Two independent seeder frames follow the terrain features with millimetre accuracy. It goes very well not only over uneven fields, but also on slopes and hills."

Many guests of the exhibition appreciated the simplicity of the tractor's and drill's adjustment and control. They also noted the reasonable price of "the duet."

By Yulia SALKOVA



In the JCB kingdom

A loader is a good thing, but a whole facility of these yellow coloured assistants is better! This is what Russian farmers decided and headed, together with the AggroCentre Company, for the JCB kingdom in the UK.

The JCB telescopic loader manufacturing facility produced an indelible impression on the Russian delegation. The

guests saw machines in the making. They visited the work areas where the loaders are welded, assembled, painted

and accepted. In one shift, 86 units of equipment roll off the conveyor. The quality of each machine is ensured by a two-hour test drive under the maximum load.

Russian farmers visited the JCB World Parts Centre, which

stunned them by its size. The well conceived logistics enable a delivery, within 24 hours, of any component to any point in the world. At the JCB history museum, the guests familiarised themselves with rare machines.

The farmers could see the loaders in operation on the farm of Anthony Benford, the facility director. On an area of 1,117 hectares, he grows crops and produces dairy and meat products. Twelve people work on his farm. But the main assistants are the loaders. Among them are both time-tested machines and newly developed models. The Russian farmers liked the idea that before offering new equipment to clients the JCB specialists try it out on their own farms. In this way, the equipment's weak points are identified and rectified.

"We've used two JCB loaders on our farm for the second year," says Roman Bogomaz, grains production manager at the Bogomaz farming enterprise, Bryansk oblast. "They are reliable assistants, providing high production results and outstanding quality. I fully assured myself of this on visiting the facility. The production process here is impeccable!"

By Anna BORDUNOVA

"Silver" innovations of AGCO

Two newly developed products from AGCO Machinery have won awards in the innovations competition at the Agrosalon 2014 exhibition.

The competition featured sixty-one developments in the field of agricultural engineering, nineteen of which were awarded prizes. All the samples were evaluated in the rigorous terms of the novelty's importance for practical use, advantages offered for company savings and labour, benefits for the environment and natural resources conservation, soil fertility management, improving working conditions and occupational safety.

AGCO Machinery, a leading manufacturer of farm equipment, received two silver medals for innovations. The first was for development of the

electronic fuel supply system for the Valtra N103.4H3 Dual Fuel diesel engine. This makes it possible to run not only on diesel, but also on compressed natural gas, biogas or biodiesel. The second medal was awarded for a unique electronic system to control the tractor and mounted implements combined in the single terminal Fendt 933 Vario Profi Plus 1.

"Tractors with the integrated Fendt 933 Vario Profi Plus 1 terminal have been successfully operating in Russia for several years now," says Oleg Kitsis, Fendt and Valtra sales manager of AGCO Machinery. "We are already planning with AggroCentre the deliveries of

tractors with electronic fuel supply engines running on natural gas or alternative fuels. Several farming enterprises,

for instance in the Tyumen oblast, are willing to buy such machines."

By Yulia SALKOVA



Field Day, London-style



A misty Albion sort of weather in the form of thick fog and rain rather inhospitably greeted the guests of the Field Day held in Tyumen. As for the local farmers, they're not afraid of such weather.

As many as around 130 farmers, some even from the neighbouring oblasts, came to see the cutting edge farm equipment on display.

AgroCentreZakharovo showed off 10 units of farm equipment and its area was crowded as usual. The farmers were somewhat annoyed that for safety reasons the exhibition organisers didn't let them test drive the Challenger caterpillar tractor.

Tyumen farmers are generally very fond of tractors from AGCO.

"According to the rating, in 2013 the share of AGCO tractors in the Tyumen region's market made up 75%," said Dmitry Ivanov, sales director of the AgroCentreZakharovo LLC. "This is amazing! The Tyumen farmers prefer these machines for their endurance and wide range of capabilities."

In addition to the Challenger

865C (510 hp) caterpillar tractor capable of operating even on water-logged fields, AgroCentreZakharovo presented its wheeled counterpart, Challenger 595B (215 hp).

The farmers also registered interest in the Massey Ferguson 8690 (370 hp) tractor, a reliable machine for wide-grip implements and economical operation. The guests pointed out that this tractor not only works well, but also cares for

the business side.

In the Massey Ferguson product range, the Activa grain combine harvester was presented. It fully justifies its name. Convenient and simple in operation, this model offers high output and an outstanding bin discharge rate, 85 l/s. The Massey Ferguson Activa 7347S combine harvester's reapers are expressly developed for optimising the harvesting of a variety of grain crops.

By Yulia SALKOVA

Cutting edge force

The Ivanovo Agrarian Leasing Organisation chose this farm as one of the closest with fallow lands. The FX315 mulching machine faced a difficult task of crushing the thickets of a birch wood for subsequent treatment by disc harrows. It did a fine job on fallow lands with small trees. Just a few passes were enough to realise how quickly and thoroughly Schulte operates. After its pass, the trees were cut down to the root and crushed for follow-on treatment.

"The Schulte mounted rotary mulcher is designed for mowing and crushing vegetation with a diameter of up to 9 cm," said Alexander Baushin, sales manager of AgroCentreZakharovo LLC. "The adjustable height of treatment is above 3 cm from the ground, and the grip width is 4.6 m. The loosely fastened double blades on the rotor ensure an efficient cutting force."

The mulcher is fitted with adjustable wheels thanks to which it finely follows all of the terrain irregularities. Unlike a drum-style mulcher, Schulte does not need a tractor with a second steer for moving in reverse.

The representatives of Ivagroleasing were pleased with operating the Schulte mulcher. They pointed out its high speed, grip width and simple design.

By Yekaterina GALUSHKINA

A demonstration of the Schulte mulching machine from AgroCentre took place on the premises of the Avangard farming cooperative in the Ivanovo oblast.



“An early bird” on the Andreyevsky Meadow

AgroCentre has participated in the Svenskaya Fair 2014 traditionally held in Bryansk oblast. Put on display here were the technology bestsellers popular in the region.

On the Andreyevsky Meadow, the company set up a line of Challenger, JCB, Vaderstad and Kverneland self-propelled and towed equipment. The indisputable favourite was the Challenger 685D wheeled tractor fitted with Kverneland RN 100 semi-mounted swivel plough. The eight-furrow plough has a shear bolt protecting the machine during ploughing. The maximum ploughing depth is down to 35 cm.

“Today most of the Bryansk farms work using the traditional technology,” said Yevgeny Lazutin, sales manager of the Bryansk branch of AgroCentreLiski. “This is particularly true of potato growing farms, where

ploughing is indispensable. The Kverneland plough assures even and regular ploughing without disturbed furrows.”

The most popular drill in the Bryansk oblast, Rapid Vaderstad, was also displayed at the AgroCentre exhibition stand. The 8-metre drill was partnered by the powerful and reliable caterpillar tractor Challenger 765C, 350 hp. The farmers say the machine needs no introduction. This is what they define as “an early bird” coming on the field in spring before all other machines and remaining there till late autumn, operating even in wet weather.

The JCB 531-70 telescopic loader, with a lifting capacity of 3.1 t, lifting height of 7 m, attracted not only farmers, but also ordinary citizens. The machine’s multiple capabilities and hydraulic performance earned well-deserved applause. Its colleague, a small truck



JCB WORKMAX, caused quite a stir. Both adults and children sought to test drive it. These trucks are fitted with Yanmar three-cylinder diesel engines, 14.9 kW. Weighing a mere 710 kg, they provide a total lifting capacity of 600 kg.

“These compact and

manoeuvrable all-purpose machines are designed for a variety of jobs on the farm, forestry or apiary,” said Yevgeny Lazutin. “The machine gathers speed of up to 40 km/h and can easily cover short distances.”

By Yekaterina GALUSHKINA



Technological ensemble

The seminar took place at the Dimitrov Limited Partnership, an AgroCentreZakharovo customer, where some of the farm equipment demonstrated at the event is already in operation. One such machine is the Challenger Single Disc 9850-60 pneumatic seeder with a grip width of 18.3 m.

“The seeder has demonstrated a fine job in no-till technology. It’s also well suited for use in the minimum tilling and traditional methods,” says Aleksey Porokhin, senior sales manager of the Penza branch of AgroCentreZakharovo. “Unlike rival models, the Single Disc has no gauge wheel next

to the disc. The raised soil gets straight under the press wheel and covers the furrow. In other seeders, the wheels running next to the disc squeeze the crop residues into the seeding bed which has an adverse impact on the seeding.”

Together with the seeder, the Challenger MT 865C (510 hp) tractor was presented. This is one of the most powerful caterpillar tractors in the world. Despite such power, the tractor does not compact the soil. Its impact on the ground is several times less than that of wheeled counterparts. And its slipping is 15 to 20% smaller.

Many participants of the seminar showed interest in the Massey Ferguson straw walker grain combines, both Activa and Beta models. These are famous the world over for their productivity, high threshing quality and low losses. Now the machines are manufactured in Russia as well.

The farmers spotted a maize field with crops in neat rows, as if sown with the help of a ruler. This “wall of maize” is created by the Tempo F8 precision seeder from Vaderstad. The farmers saw it in operation, too. The machine rushed over the field at 15 km per hour, an untypically high speed for an

Over 150 farmers from the Penza oblast arrived for a seminar on new methods in crop farming. This time, the farmers were shown not only the traditional sown fields with demonstration crops. AgroCentreZakharovo demonstrated to them 25 advanced farming machines.

inter-row seeder. The farmers involuntarily dashed to the field to check the embedding precision. The seeder did a fine job! The between-seeds space was regularly equal.

“The demonstration arranged by AgroCentreZakharovo livened up our seminar,” said Pyotr Stepanyuk, the Dimitrov Limited Partnership Director General. “Such an ‘ensemble’ of demonstration of fields tilled using modern technologies and advanced equipment seems to me quite logical since these things can’t function without one another.”

By Yulia SALKOVA

Vladimir Korotkikh:

"We must work really hard, like peasants, but using modern equipment!"

In Lipetsk oblast, there is the Rechnoye peasant enterprise. Its head, Vladimir Korotkikh, deliberately removed the word "farming" from its name.

"The farmers are in the West. We, over here, have always been peasants!" he says strictly, but with a smile. Naturally, we were keen to learn from him his image of today's peasant.



A peasant on the Challenger caterpillar tractor. That's the way!

"We must work indefatigably like our grandfathers and great grandfathers," Vladimir explains. Unfortunately, home-built machines are good only for repair, not proper work. Thus we've come by some thirty pieces of farm equipment from the most famous of manufacturers."

"We have bought two powerful Challenger MT 865C (510 hp) tractors and two RoGator 1084 C and RoGator 1300 self-propelled 36-m sprinklers. We have no problems whatsoever with these machines, neither repairs nor idle time. When necessary, specialists come for adjustment and commissioning or subsequent maintenance. Everything gets done on time and as planned."

"We're very pleased with the Challenger caterpillar tractors. We start using them on the field when wheeled tractors get stuck in the soil. We operate them to the utmost during seeding and tilling for treating all of our 13,000 hectares. Moreover, in terms of fuel consumption, they are more economical than wheeled counterparts. Their draft is stronger, which is very important considering that ours are wide grip machines. One of

the chief advantages of modern equipment is the ability to treat larger areas using fewer people. Recently AgroCentreLiski opened a servicing centre in our district. Having a service at hand is very convenient. The company has big plans not only for equipment maintenance. Promises are made about training machine operators and agronomists and for accepting trial engineers. I like this idea very much!"

"Personnel are an important issue for us. Today there are lots of specialists with diplomas who are, in fact, worthless ballast. Therefore we appreciate each and everybody. We pay adequately and help in settling everyday problems. Our machine operators work in comfort, using modern equipment."

All work pays if done properly!

"Our farm specialises in growing crops and animal husbandry. We grow grains, leguminous plants, potatoes, and industrial crops. Experience

shows that it pays to grow all kinds of crops if the job is well organised. If you grow grains, be sure to build a proper storage facility for them. We've got one like this for 20,000 tonnes, which enables us to store the grain till the next harvest."

"Some ten years ago we realised that the enterprise is profitable if the animal husbandry and crop production go together. In addition, we produce milk and grow fodder for cattle. We've got 520 head of dairy livestock. The cows are the Simmental variety, yielding a little over 6,000 litres each. They could yield more, but current conditions prevent them

from doing so. We look forward to new programmes from the government. I think they'll emerge shortly. At the moment the focus is largely on domestic milk."

"The local administration helps us very much. Help is provided to all farming enterprises. Some of them get even more than they need! However, they don't move ahead, complain about poor conditions and do nothing to stir up the growth of their production or arable areas. The only things growing are the houses of the farms' heads and their park inventory. We live differently on the land where we work. We repair roads, schools, kindergartens. The collective farm is responsible for life in the village. With us, it has always been so."

By Yulia SALKOVA



In the world of Massey Ferguson



Russian farmers, together with AgroCentre plunged into the world of Massey Ferguson when they visited the company's manufacturing facility in France.

The tour started with a visit to the company's new tractor cabin manufacturing facility, Beauvais-2. Yuri Zyabkin, AGCO Machinery Commercial Director in Russia, said that in the last five years Massey Ferguson has invested more than 300 million euros in equipment and engineering support. The Beauvais-2 facility is one of the new production plants making a special contribution to the unique quality of MF products. The facility was opened in October of last year. It turns out 100 cabins per day. The farmers watched assembly lines and a spare parts depot. On passing a rigorous testing, the cabins are shipped to the main plant of Beauvais. This assembles Series Five, Six, Seven and Eight MF tractors featuring 85 to 400 hp. The guests learned

that the facility builds 17,000 tractors each year, 85% of which are exported.

Thierry Lhotte, Massey Ferguson Vice-President for Marketing in Europe, Africa, and Middle East, made a statement for Russian farmers at the Vision of the Future from Massey Ferguson 2014 conference.

"The mission of Massey Ferguson is to serve each farmer in each country of the world," Thierry Lhotte said. "By manufacturing innovative equipment we seek to be pioneers on the global farm market."

Specialists of the design and engineering department constantly work on creating smart machines. Among the latest developments are series

2700 and 4700 tractors. Before coming onto the market, the machines passed more than 360 hours of laboratory and field trials in Africa, America and Asia. The focus in creating the new generation tractors was to combine power with comfort.

The most interesting thing awaited the guests on the field. The farmers saw here the complete range of Massey Ferguson equipment, from tractors of various capacities and the newest combines, balers and loaders. In the exhibition, Nikolai Filonov, head of one of the Kursk oblast enterprises, quickly spotted the MF7624 tractor, which already operates on his farm. Nikolai was the first in Kursk oblast to acquire this red-coloured assistant from AgroCentre.

"We're already using this tractor on the fields for tilling and winter sowing," Nikolai Filonov said. "Each and every part of the machine was carefully thought out. I'm very glad I visited the facility myself and saw with my own eyes how the production is organised."

The farmers familiarised themselves with a new hybrid grain combine harvester, MF DELTA 9380. This features both caterpillar and wheeled versions. At the moment, the machine is available only to European farms, but the company plans to supply it also to Russia. As for the MF Beta 7330 straw walker combine, the Russian farmers know it already. AgroCentre supplies this model to the Russian market. The Beta combine harvesters are fitted with AGCO Power large capacity engines. These have a 6-cylinder 8.4 l volume and rated power of 300 hp. The 9,000 litre grain bin of the Beta features one of the fastest discharge rates, 105 l/s, which minimises machine downtime.

The farmers were invited to participate in test driving the tractors. Nikolai Shalygin, Chief Engineer of Agsen LLC, Penza oblast, did not deny himself this pleasure, eagerly taking a drive on the gigantic MF8732. After a ten-minute rally, Nikolai shared his impressions.

"The tractor is great! It's convenient to control and moves well over stony soil. The cabin is large and comfortable. You feel like you're in a Mercedes."

The finale of the event was a music-supported show of the Massey Ferguson equipment. Tractors, combines, and loaders skilfully danced to different foreign hits, boasting their capabilities.

By Anna BORDUNOVA



Triple calculation



The preparation for the autumn seeding at AgroCentre started with demonstrations. In Penza oblast, 45 hectares of Konstantinovo Closed Joint Stock Company have been sown with winter wheat by minimum and no-till technology using Challenger and Vaderstad equipment. The principal purpose was to see and compare results obtained with different methods.

In the first case, the seeding was performed using the 8-metre drilling system Rapid Vaderstad mated to the Massey Ferguson 8690 tractor following cultivation by the TopDown, which had prepared the soil for seeding.

In the second case, the self-same Rapid drilled on an uncultivated of madwort stubble with simultaneous tilling. The operating speed was 18 km/h.

"The special feature of Rapid drill's operation on the stubble is that the front discs create a mulching layer at shallow cultivation of crop residues," says Artyom Simbulatov,

head of the Penza branch of AgroCentreZakharovo LLC. "This creates a sort of a blanket protecting the soil against water and wind erosion and retaining moisture. This is important given the recent years' irregular rainfall. If the soil is treated right and organic fertilisers are introduced correctly, the productivity may exceed 5 tonnes per hectare."

The No-Till Technology was demonstrated by the Challenger Single Disc pneumatic grain seeding system with the CH 685 D (340 hp) tractor. The seeder with an operating width of 12.2

m worked directly on the stubble without pre-tilling.

The maximum pressure on one disc is 260 kg. The grain bin capacity is 10 tonnes. The between-row space varies from 15 to 23 cm. According to Artyom Simbulatov, such a space gives each row a sufficient amount of warmth and moisture as the seed germinates.

Today, the Challenger Single Disc drilling system successfully operates on the farms of Penza oblast, for instance, at the Dimitrovo Limited Partnership and Zernovaya Kompaniya LLC. Pavel Kozlov, Konstantinovo

CJSC Director-General is quite pleased with results of the demonstration crops.

"Both seeders are high technology systems. They are fast, precise, and powerful," remarks Pavel Kozlov. "They did a fine job using both minimum and no-till technologies. Now we must provide the right care and look forward to the harvest and economic effect."

Further work on herbicide treatment and top-dressing of the crops will be done by AgroCentre jointly with the AgroStroiInvest Company.

By Yekaterina GALUSHKINA

Special prices for Challenger tractor reinforced caterpillar tracks



Discounts on sales from 17.09.2014 to 15.10.2014

The terms and conditions of the offer apply to Extreme Agriculture reinforced caterpillar tracks:

- Offer applies to the caterpillar track models listed below
- The number of caterpillar tracks in the order must be divisible by 2
- Offer applies only to in-stock goods

Special prices for caterpillar tracks

Article	Description	Special price per unit (if 2 units are ordered)	Special price per unit (if 4 and more units are ordered)
554112D1	Extreme Agriculture caterpillar track for Challenger MT 800 B/C tractors, width 30"	8,521.0 euros	7,746.0 euros

Prices shown in euro per unit excl. VAT
More details are available at all servicing centres.

Efficient drying

Ever more proposals crop up on the market for building modern elevators. For the third year AgroCentre has cooperated with the North-American company GSI, which has all the equipment needed for efficient grain production.

With its 40 years in business, GSI International is a global leader in development and production of modern technologies and equipment for grain drying and storage. Thanks to their impeccable quality, longevity and high efficiency, all of the GSI products are very popular with farmers across the world.

“AgroCentre supplies Russia with both individual subsystems of the grain handling equipment and, jointly with its partners, complete solutions like turn-key elevators,” says Sergey Sobolev, head of the grain technologies department, AgroCentreLiski LLC. “This includes design, construction, equipment delivery, installation, adjustment, automation, commissioning, and follow-on round-the-clock servicing.”

Grain drying facilities are an important component of putting the grain in storage. GSI manufactures modern modular and tower-type fully automatic dryers for grains, leguminous

plants, and oil-bearing crops. The dryers can run on different fuels such as natural gas, liquid propane, and diesel. The choice of tower-type or modular dryers largely depends on consumer requirements and specifics of the farm.

Small farms could well do with modular drying and cleaning systems with an output of 4 to 100 tonnes per hour. Those are represented by single-, double- and triple-modular sections. To increase the output, it is possible to build up the number of dryer sections.

The modular dryers need no special foundation. They are supplied virtually preassembled and are quickly put into operation. Dedicated transportation systems (loading and unloading screw conveyers and unloading meter) are needed for their maintenance. For efficient drying it is necessary to use low noise fans with rotation frequency of 1,725 revolutions per minute. Heat generators operate at

minimum fuel consumption with a high performance coefficient.

Drying grain on an industrial scale is most profitable in tower-type dryers. They take up little space, are easy to erect and their height is 30 to 40 m. The fans are inside the grain column, which is why the noise level is low. The output of such towers is 100 to 300 tonnes per hour. The heat recirculation system ensures maximum fuel

economy and cuts down on the cost of drying. Thanks to the absence of screws in loading/unloading subsystems, the elevator towers handle the grain more carefully.

“By using the specific types of the GSI dryers the farmers can bring the grain moisture content to the ideal level,” notes Sergey Sobolev. “This ensures the appropriate quality of grain and profitable sales.”

By Yekaterina GALUSHKINA

GSI dryers



- 40-year expertise in dryer manufacture
- 1st place on the US market
- Ideal for drying maize
- Minimum fuel consumption
- Lower price compared to shaft dryers of a similar output
- Patented options for reducing fuel consumption
- Simple design (lower concrete needs for foundation)
- A wide modular range. A specific dryer can be chosen for a specific farm
- Shorter installation time as compared to the shaft dryers
- Simple and fast cleaning
- Different types of fuel (diesel, gas, propane)
- US-made high quality components

Unchallengeable hit of the seeding



Reliability, versatility and simplicity in operation, such as the advantages of the Challenger 9800 Single Disc seeder that explain why farmers prefer it to others. Each farmer believes that this machine will become an unchallengeable hit of the new seeding season.



Single Disc seeders are suited to soil treatment using any type of technology, be it zero, minimum or traditional. The special feature of this pneumatic seeder is the employment of a patented technology of opposed single discs that mix the soil between two 15 cm rows. The soil loosened by opposed discs is moved back to the roll-on wheel which levels and compacts the furrow soil. Such soil removal prevents compression of the side wall and keeps the furrow from cluttering with stubble, all of which promotes sprouting well.

"The Challenger pneumatic seeders are convenient in operation," notes Alexander

Usov, sales manager of the Kursk branch of AgroCentreLiski LLC. "The operator doesn't have to leave the cabin to change the operating mode since he can control the discs by the onboard computer, not manually as on most other similar machines."

Seed and fertiliser introduction are also computerised. The Challenger 9800 basic model has sensors for monitoring the batcher shaft operation, bin filling level, batcher fouling, machine movement speed and fan rotation rate. The seeding area and seed consumption counter controls the work process with a highest degree of

accuracy. In addition, the seeder is adapted to the ISOBUS system which enables operation using the tractor's onboard computer. At an operating speed of 12 km/h, the efficiency of a seeder with a grip width of 12.2 m linked to a 330 hp tractor reaches 14 to 16 ha per hour.

Pristen Grain Company of Kursk oblast, one of the permanent customers of AgroCentre, knows all about the benefits of the Challenger seeder from its own experience, not by hearsay.

"Today we use two Challenger Single Disc systems on our farm," says the Chief Engineer Roman Shubin. "The seeder follows the terrain features very well, evenly embedding the seeds. That is why the sprouts we get look like in a picture!"

Advantages of Challenger 9800 Single Disc seeder:

- * Discs are in a single line
- * Single point control of depth
- * Changing the pressure on the move
- * No springs on coulters
- * Minimum tractor power is required
- * Excellent seed embedding, even at a high speed
- * Option of introducing anhydrous ammonia between the rows
- * Easy depth control adjustment
- * Simple servicing (two press oilers on each running tandem every 25 hours)

By Yekaterina GALUSHKINA



Farm rally

A competition took place on the fields of the Agrofirma Ariant LLC, Chelyabinsk oblast. Participating in it was farming equipment including self-propelled mowers, grain combine harvesters and tractors from the best known brands. AgroCentreZakharovo also took part in this “farm rally.”

Test No. 1: self-propelled mowers

AgroCentreZakharovo was represented by the Challenger WR 9740 mower (engine power 139 hp, reaper width 9 m).

Its rivals were two self-propelled mowers of famous foreign brands and a Russian-built machine. Unfortunately, the Russian mower came off track because of a spring failure.

Based on the competition results, Challenger WR 9740

took the second place in productivity (13.05 ha/h). However, it won in fuel efficiency (1.48 l/ha).

Test No. 2: grain combine harvesters

AgroCentreZakharovo sent into battle its Massey Ferguson Activa 7347 grain combine harvester (engine power 281 hp). Its rivals (3 foreign and 1 domestic machines) were fitted with more powerful engines (306, 387 and 300 hp). This didn't prevent Activa 7347 from winning second place in

productivity (with allowance for grain discharge time) – 8.42 ha/h. Also, Activa 7347 won “silver” in terms of grain loss

showed the best results. In addition, the Russian-built tractor belonged to a higher power category.



Photo of soil treated by Challenger MT 685D tractor fitted with Sunflower 1435 29 disc harrow

on the field (28.67 kg/ha). However, it was above all in economy, demonstrating 3.06 l/ha versus 4.32, 4.46, and 3.4!

Test No. 3: tractors

The four tractors that participated in the farm rally were of different grip width and weight, which is why it is difficult to say which machine

Nevertheless, summing up the results, the jury pointed out the untreated areas left by both the two foreign machines and the Russian one. The couple from AgroCentre (Challenger MT 685 D and Sunflower 1435-29) got no criticism. On the contrary, they won acclaim for high quality and regularity of soil treatment.

By Yulia SALKOVA

Opinion

Maxim Lukin, Chief Agronomist of Agrofirma Ariant LLC:

“Everything in life is just a mix of several parts and aspects. The same is true of farm machines. No machine is ideal in all parameters. We've seen this ourselves today. The tractor productivity may be high, but it comes at the expense of high fuel consumption. Or a combine is fuel efficient, but what is gained is fuel is lost in grain left on the field. Wisdom, both human and agronomical, is choosing the right option that integrates all the advantages. Today we have assured ourselves that the AgroCentreZakharovo equipment is a lucky blend of assets proved on the field.”

PRE-SEASON EQUIPMENT PREPARATION PROGRAMME

Goals of the programme:

- preparation of equipment for storage;
- tentative troubleshooting and evaluation of equipment condition;
- drawing up specifications for estimating the cost of recovery and repair;
- drawing up repair and spares delivery schedule.

Advantages of participating in the programme:

- early detection of subsystems and components needing repair;
- forecast and estimation of the cost of required spare parts and repair;
- getting maximum discounts and best terms of delivery;
- timely approval of the cost of spare parts, terms of purchase and delivery time;
- planning for repair and workshop load;
- special conditions of operations related to putting the equipment in storage.

Offer period – from 01.10.2014 to 15.12.2014



The offers are valid at all AgroCentre branches

More details are at all servicing centres of the AgroCentre Group of Companies or at our site www.agrocentr.ru in the **Special Offers** section

Scan QR code to get to the
Special Offers page

Announcements

24 October

Open day at the AgroCentreLiski LLC servicing centre for sale and maintenance of farm equipment, Khlevnoye village, Lipetsk oblast

November

Demonstration of JCB loaders at the farming enterprises of Lipetsk oblast

November

Demonstration of JCB loaders at the farming enterprises of Tyumen and Chelyabinsk oblasts



АГРОЦЕНТР

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