



EuroTier

The world's top event for animal production



Innovations Magazine

- More than 300 company innovations
- 5 Gold Medals
- 19 Silver Medals

13 – 16 November 2012, Hanover



www.eurotier.com

including **BioEnergy** Decentral



5 x Gold

»Gold Medals for Innovations will be awarded for products with a new concept showing crucially modified functions and which can be used to allow a new process or essentially improve known processes.«

GEA-DairyProQ - Milking Place Module

GEA Farm Technologies GmbH
Bönen, Germany, 27-D35

Milking and cooling technology



An intelligent, automatically operating milking place module for existing milking parlours for completely or semi-automatic milking of cows has won an award. The innovative milking place module carries out all animal-related work steps connected with proper milk production, from teat cleaning and foremilk to teat dipping. The slim design of the milking place module allows it to be installed as a place divider in every variant of existing milking systems, regardless of whether these are rotary, tandem, herringbone or side-by-side milking parlours.



Thanks to the good accessibility of the udder, semi-automatic milking operations are also possible.



step towards automating heavy milking work, without having to convert the regular work processes and other

Larger dairy cattle facilities can use this technology as a

procedures in dairy cattle keeping and husbandry.

Automation with the milking place module makes it possible to save on labour costs, releasing funds for technical equipment of the individual place solution.

optiSCAN

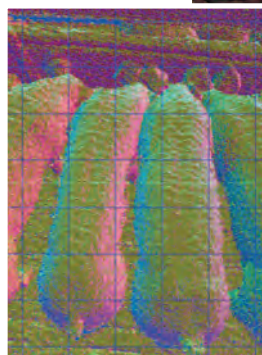
Hölscher + Leuschner GmbH & Co. KG
Emsbüren, Germany, 12-F46

Management and feeding technology pigs



optiSCAN is a mobile weighing system for fattening pigs that works using 3D camera technology. The handy unit is held over the fattening pig for 3 seconds at a distance regulated by the camera itself depending on the pig body. With the 3D picture and certain coordinates it is possible to determine the weight of the fattening pig digitally. Thanks to the optiSCAN device, the physically strenuous and time-consuming weighing of the fattening pigs is no longer necessary. optiSCAN thus improves labour management and does not cause any additional stress to the fattening pigs either. The device allows more precise, weight-related marketing and faster and more animal-kindly weighing operations. Moreover

the upstream and downstream work involved in classic weighing operations, such as cleaning the driving passages and weighing platforms, is no longer required, which in turn means savings in water and disinfecting agents.



optiCOW

Hölscher + Leuschner GmbH & Co. KG

Emsbüren, Germany, 12-F46

Management and feeding technology cattle



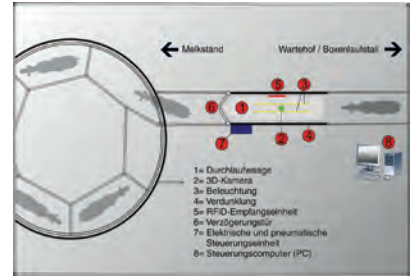
A medal has been awarded to an operating module for 3D measuring of dairy cows that functions completely automatically.

The cows are identified individually via RFID technology, filmed with a 3D



camera and weighed automatically. A mathematical-statistical computing program produces a 3D model of the rear part of the cow and calculates the Body Condition Score (BCS). With this image-processing technology it is possible to show the fat mobilization dynamics for each individual cow continuously over the entire lactation period.

optiCOW provides the farmer with precise information on the health status and physical condition of each individual cow and enables him to steer



the milk yield capacity of the cows specifically via feeding and keeping.

RumiWatch System

ITIN + HOCH GmbH

Liestal, Switzerland, 13-G13

Management and software for process engineering



The RumiWatchSystem is a health monitoring system for ruminants. It makes changes in the ruminating, feeding and water uptake activity as well as in locomotion and rest behaviour visible, quickly and easily understandably. The data are transferred without cable to a PC. An additional memory card in the unit allows long-term assignments over a period of up to four months. The low energy consumption allows a period of use of up to two years with one set of batteries. The system consists of a halter, pedometer and evaluation software.

It guarantees permanent and reliable monitoring of key parameters relevant to the health condition of each



individual animal. Thus for example by identifying a reduced number of chewing motions per bolus it is possible to conclude digestive disturbances or faults in the ration. RumiWatchSystem allows animal farmers, consultants, herd veterinarians and scientists to produce fast and competent statements about the animal health and can be used to support decision making.

AeroScalder

Marel Stork Poultry Processing

Boxmeer, Netherlands, 9-F32

Processing and marketing of poultry and eggs



Scalding in poultry slaughtering takes place in a number of scalding tanks connected in series in counterflow mode. To optimize the scalding process, air is pressed into the water. The disadvantage of the system is its high water and power consumption. Although it is assumed that germs are minimized as a result of the multi-stage scalding system, cross contaminations cannot be ruled out.

The AeroScalder system bypasses this problem by passing water enriched with hot air at high speed over the carcasses. This saves up to 75 % water

and up to 40 % power. The air/water mixture is generated directly next to the spray chamber so that the overall system requires less space than previous equipment and machinery. The scalding conditions are monitored via sensors. The carcasses have no direct contact with each other via the water, as a result of which cross contaminations with germs can be ruled out.

The AeroScalder is an innovative development and makes a clear contribution to environmental conservation and product safety.





19 x Silber

»Silver Medals for Innovations will be awarded for products which have been developed further in such a fashion that an essential improvement of the functions or the process may be expected.«

Verti-Mix self-propelled machine with removable cutting unit

B. Strautmann & Söhne GmbH & Co. KG
Bad Laer, Germany, 27-E16



„The new feed unloading system for self-propelled feeder mixer wagons from Strautmann combines the advantages of the known systems cutting unit, block cutter and chopping unit. While the silage is cut out from the silo with a cutter unit that is gentle to the silage structure and conveyed to the elevator belt without mechanical stress via a blunt conveyor roller fitted with



auger segments, loose bulk materials can be taken up directly with the conveyor

Management and feeding technology cattle

roller by folding down the cutter unit. On the one hand this brings advantages regarding nutritional physiology thanks to gentle treatment of the structure during silage unloading, while on the other hand as a result of the de facto chopper extraction of unloaded silage and loose bulk materials the labour management advantages of classic chopper extraction are retained.“

Automatic Dung Belt Control

Big Dutchman International GmbH
Vechta, Germany, 9-C24



Machinery and equipment for solid and liquid manure and poultry dung

Dung belts run inconstantly when loaded unevenly. It is necessary to correct the pre-tension, as when the belts rub against the guides damage is caused that can lead to the belt tearing. In modern keeping systems (small groups, aviaries) the belts can only be repaired or replaced with considerable labour outlay. In practice it is therefore customary to adjust the belts manually via a set screw when they run inconstantly. This is frequently forgotten and damage then results. Uneven loading of the belts has generally increased in the new keeping systems for layer hens. The automatic correction procedure is definitively new and represents clear progress. The risk of damage can be distinctly reduced as a result.



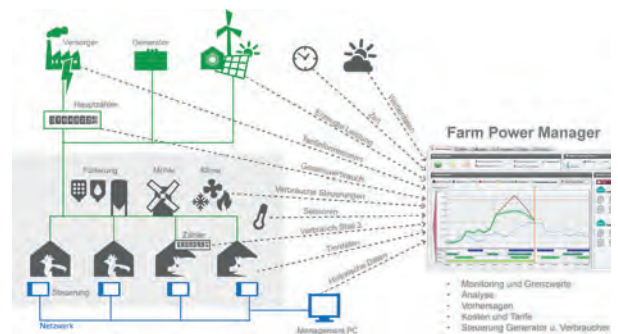
Farm Power Manager

Joint submission:
Big Dutchman International GmbH
Vechta, Germany, 9-C24
Big Dutchman Pig Equipment GmbH
Vechta, Germany, 11-D21



Management and software for process engineering

The Farm Power Manager software is a system for monitoring and steering the energy consumption of animal improvement farms and for tariff-dependent cost analyses and consumption predictions. Measured or nominal performance data of any electrical consumers/loads are provided by steering computers in the network to a central computer and can be analysed to find answers to various questions. Data exchange is supported on the basis of the ISO norm „ISOagriNET“.



BigFarmNet Health Monitoring

Joint submission:
Big Dutchman Pig Equipment GmbH
 Vechta, Germany, 11-D21
Justus-Liebig-Universität Gießen
 Institut für Tierzucht und Haustiergenetik, 26-A16

Management and software for process engineering

The software tool serves to support health monitoring in group keeping of pigs with demand feeding stations. The software documents the sequence of visits and feeding times of individual sows in group keeping on one day and over relatively long periods. Assessment of the daily events is carried out with regard to the entire group. Strong deviations of individual animals indicate a health problem of the sow or return to oestrus. By means of an indication or a report concerning the respective sows, the farmer is supported in his monitoring of the animals and in farm management.



Sow Check oestrus detection system

Big Dutchman Pig Equipment GmbH
 Vechta, Germany, 11-D21

Management and feeding technology pigs

The SowCheck oestrus detection system makes it possible to identify sows on heat in group keeping with a feeding station. An oestrus reflex is triggered in the sow via a number of perception levels (physical, olfactory, acoustic, optical). Sows on heat / returning to oestrus are then selected via the feeding station. The results obtained provide the user with a management aid for managing group keeping of sows optimally. In combination with the SonoCheck device, this unites oestrus detection and ultrasonic detection in a single system.



Aquaboard

BIORET AGRI
 Nort-sur-Erdre, France, 13-F02

Animal housing and barn construction

The elasticity of rubber and flexibility of water are combined in the AQUA BOARD for greater animal comfort. The brisquet board filled with water creates a visual boundary line for the cubicle, does not impair the cow in its movements and allows it to assume natural lying positions with stretched front legs without any risk of injury. The wide rubber hose is supplied

tailored to the length of the cubicle row, can be installed easily and subsequently filled with water via a screw valve up to the desired size and elasticity.



Interface for automated and safe data exchange

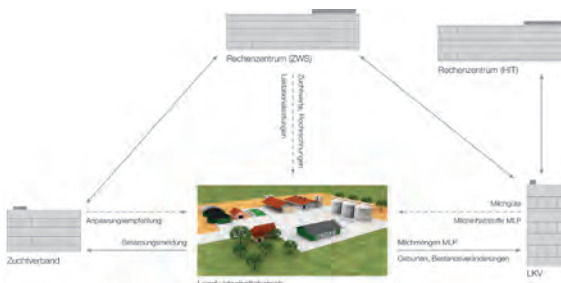
CLAAS Agrosystems KGaA mbH & Co. KG
 Gütersloh, Germany, 26-D21

Management and software for process engineering

The uniform interface of the German Association for Performance and Quality Testing (Deutscher Verband für Leistungs- und Qualitätsprüfung e.V.) (DLQ data portal) realizes uniform and standardized data communication between the farm and its external partners (e.g. HIT, LKV, ZWS, ...). Performance data, status information and special features relating to individual animals in cattle pro-

duction are transferred automatically across farms and systems. The data

exchange takes place on the basis of the ISO norm „ISOagriNET“. Communication is automated in both directions. Recommendations for action for the farm manager can be derived after successful data transmission. This distinctly improves the workflow design of individual farms.



DeLaval Barn System Controller BSC

DeLaval International AB

Tumba, Sweden, 27-H34

Climate control and environmental technology



BSC is an integrative and interacting system solution for holistic monitoring as well as for control and regulation of electrically powered actors in the animal housing, such as windbreak nets, fans, cooling humidifiers, manure removal and lighting. With now only one controller – accessible via the internet too – all these actors can be controlled manually or automatically not only via time cycles or time schedules, but also depending on a wide range of sensor signals such as e.g. weather and housing climate parameters, lighting intensity, motor loads, etc. Furthermore, the individual actors can be coordinated with each other for optimized process cycles, or connected with each other so that e.g. in the case

of strong cross-ventilation the cooling humidifier is automatically deactivated. The essential and forward-looking further development of the BSC to a monitoring, control and regulating system for joining up previously individual systems to produce holistically optimized process cycles in a coordinated overall system makes it possible to save costs, reduce the use of energy and resources, and to facilitate labour,

as well as to optimize keeping conditions for the animals.



Anta® Phyt BLT

Dr. Eckel GmbH

Niederzissen, Germany, 16-D20

Farm inputs and machinery and equipment for applying farm inputs



A feed additive on the basis of phytogetic substances and carrier substances with prebiotic action has been developed with flanking scientific research. The product was subjected to an elaborate licensing procedure, and on the basis of its broad spectrum action it promises to show effects on the development of undesirable germs and hence take a key step towards reducing the use of medicaments (antibiotics). It thus not only



improves animal health, but also makes a major contribution to relieving the burden on the environment. The product concentrates not only on use in the poultry sector, but with modifications offers a wide range of possible uses for other agricultural productive livestock too, with additional effects, e.g. on methane production in the case of ruminants.

Designer Proteins

European Protein A/S

Baekke, Denmark, 14-F53

Farm inputs and machinery and equipment for applying farm inputs



This is a new approach for optimizing amino acid and phosphorous supply in line with animal and performance

requirements. Through the selective fermentation of different feed proteins, anti-nutritive substances are degra-

ded and phosphorous conversion is improved. Furthermore, the remaining lactic acid bacteria have a probiotic role to play. By including various algae proteins the possible combinations are expanded considerably. With these developments not only do new prospects for nutrient supplies in line with animal requirements arise, but also distinct effects on the ecobalance of animal production result.



Haptoglobin Test

FrimTec GmbH

Oberstendorf, Germany, 27-G45

Equipment, accessories and spare parts



A medal is awarded for the on-farm measuring of haptoglobin in cow milk using the automatic analysis device „eProCheck 2.0“ for fast diagnosis of inflammations.

With the new ELISA, the farmer can determine the immune parameters in the raw milk directly himself using this automatic analysis device.

Haptoglobin is an acute-



phase protein and reacts already at the start of any inflammatory reactions.

The quick test supplies the farmer with valuable additional information on the farm for health monitoring e.g. of his freshly calved cows.

GEA DairyProView - Software process representation on dairy farms

GEA Farm Technologies GmbH

Bönen, Germany, 27-D35

Management and software for process engineering



The software for process representation on dairy farms from GEA Farm Technologies serves to show all areas and work processes on a dairy farm. All the housing, driving and milking areas as well as the associated individual work procedures are visualized and monitored. This allows representation of all animal-related operations, such as movement of cow groups, whereabouts or movement processes and the technical functionality in real time. The operative workflows of the herd manager and the milking staff can be optimized as a result.



Galli-Luxmeter

Hato BV Lighting

Sittard, Netherlands, 9-C18a

Management and feeding technology poultry



The vision capacity of poultry differs distinctly from that of humans. Among other factors perception of light intensity at different wavelengths differs. At low wavelengths (blue to ultra-violet light), the light sensitivity of the birds is several times higher than that of humans. This is significant above all in the new light sources that are now being used. While bulbs used to give off light above all in the red to infrared range, the peak of the spectrum in the new light sources lies in the green to ultra-violet range. The setting and checking of the light intensity in the poultry-house with the aid of normal



lux meters does not correspond to the vision sensitivity of the poultry. An appropriate dimensional unit, on the other hand, is the Gallilux. The Galli-Luxmeter measures according to the sensitivity of the fowl and thus contributes substantially to lighting the housing in line with animal welfare requirements. The Galli-Luxmeter is a very important measuring instrument for lighting technicians and monitoring authorities.

iVET Birth Monitor

iVET

Papenburg, Germany, 27-D11



Equipment, accessories and spare parts

The iVET birth monitor for cattle consists of a transmitter and receiver system. The flexible T-shaped sensor system that is easy to clean and disinfect can be inserted into the cow vagina easily by one person. At the start of birth the sensor is pressed out by the amniotic sac and the calf within it. The change in position of the system is registered by the light and temperature sensor and a signal is sent by voice message and text message to two pre-programmed mobile telephone numbers. iVET additionally monitors the body temperature and can thus identify pathological changes in the cow at an early stage.

This innovative birth monitoring system is a management aid, helping to

purposely identify the start of calving by a cow and at an early stage. After the birth alert, there is sufficient time for an optical or vaginal check in order to be able to intervene in the event of incorrect presentation, position or posture of the calf, or to call in a veterinarian. This improvement of birth monitoring can help to reduce dead births, non-identified difficult births and their subsequent illnesses.



Düsser Rooting Tower

Landwirtschaftskammer Nordrhein-Westfalen

Münster, Germany, 26-A05b



Management and feeding technology pigs

The Düsser Rooting Tower is a device for keeping large groups occupied, for offering variable fibrous rooting or playing materials such as e.g. straw, hay, silage. The innovative character lies on the one hand in the structural form of the Düsser Rooting Tower. Through a gap in the floor it is possible for the pigs to actively root out the enrichment material. This corresponds more to the natural rooting behaviour of the animals.

A further innovation is represented by the versatile use of differently structu-

red enrichment materials. Thus both long-fibre material and short-fibre material (chips) can be offered via the Düsser Rooting Tower. By a simple adjustment option at the device it is possible to steer the quantities selectively. This also



improves possible applications in strawless operations. The Düsser Rooting Tower is thus an innovative further development of existing occupational and enrichment equipment.

Polydress® O2 Barrier 2 in 1

RKW SE

Michelstadt, Germany, 23-F14



Farm inputs and machinery and equipment for applying farm inputs

The newly developed silage film combines the underlay film customarily used to cover the clamp silo with the silage film placed on top for the first time. Both films are connected with each other and only separate after application as a result of the moisture of the ensiled material. This saves one

complete work operation in covering silos. With the lower material consumption, lower storage and transport outlay and separate recycling of the two films, the burden on the environment is also relieved.



Batch – Schauer Dryfeed Holding Hopper

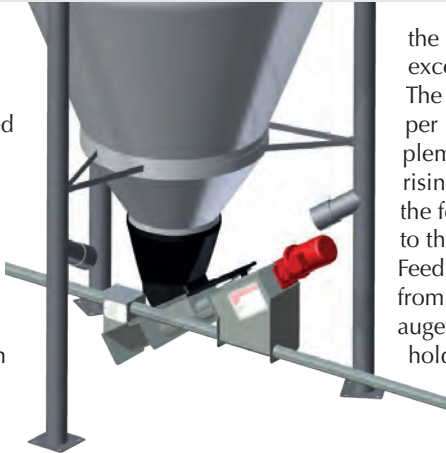
Schauer Agrotronic GmbH

Prambachkirchen, Austria, 12-E35

Management and feeding technology pigs



With rope pulley and chain conveyor systems the transport pipe can only be filled approx. 50%, as otherwise the drive resistance of the installation becomes too high and as a consequence the system comes to a standstill. If the return line is not guided via the silo in order to empty residual quantities, this would result in overfilling of



the line and hence excessive stress. The feed holder hopper BATCH is supplemented by a short rising auger before the feed is transferred to the conveyor line. Feed is only unloaded from the silo by the auger from the feed holder hopper when no feed comes back from the return line.

The feed is then passed to the conveyor cycle via the auger

again. The conveying performance of the transport auger is matched to the transport performance of the dry feeding installation. This rules out any over-filling of the system. Accordingly the line routing of the dry feeding can be executed in a simple circuit without additional deflection corners. The conveyor chain as well as all mechanical parts of the installation are thus treated gently, leading to a longer service life and accordingly bringing distinct financial and labour management advantages.

Boar Stub

WEDA Dammann & Westerkamp GmbH

Lutten, Germany, 12-B48

Management and feeding technology pigs



“Ringelpietz“ Circulating Feeding System

Lührs Gerätebau GmbH

Rehden, Germany, 12-D63

Management and feeding technology pigs



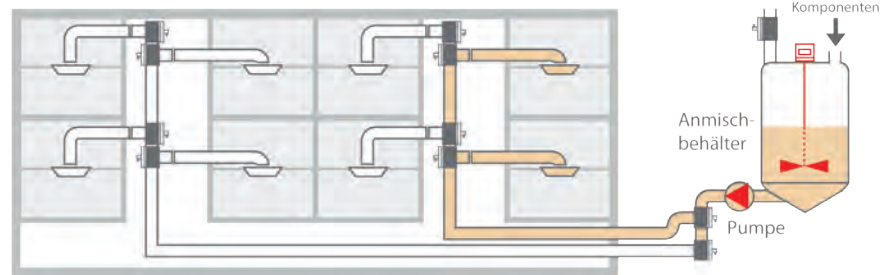
Castration of piglets without anaesthetics will no longer be possible in future for reasons of animal welfare. Consequently boar fattening will become important. In future it will have to be possible to administer different feed mixes for sows and boars in one compartment in order to exploit optimal feed conversion of the two genders housed separately.

Weda has developed a retrofit set for the control of system types M 16 and 4 PX for liquid feeding systems that work with stub lines. This makes it possible to feed different mixtures one after the other via a stub line as of a live weight of 55 kg. The prerequisite for this is gender-segregated keeping and the quantity of a complete feeding block must correspond to at least twice the content of the stub.

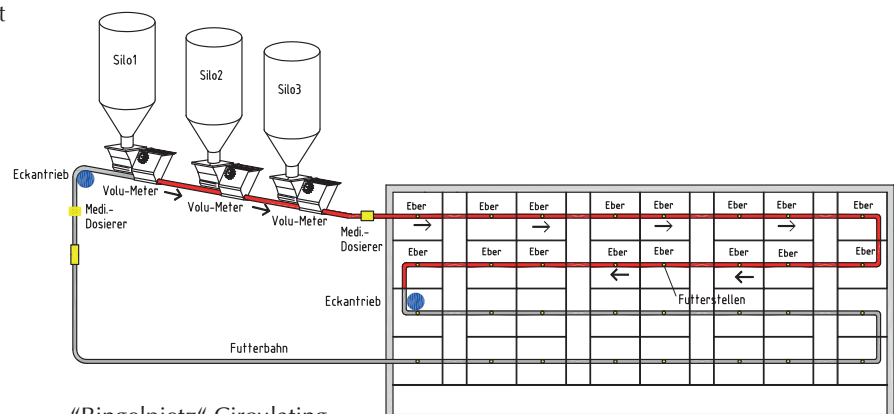
Lührs has developed a system for single-pipe dry feeding installations that allows different mixtures to be administered in one compartment. By installing corner drives that have been developed by the company, the chain can run both clockwise and anticlockwise. A short wait follows after feeding, before the chain is emptied by running it in the opposite direction

and a new mixture is then fed to the other gender.

Both innovations can be retrofitted at low cost and satisfy today's requirements.



Boar Stub



“Ringelpietz“ Circulating Feeding System

Farm inputs

AGRAVIS Raiffeisen AG, Münster, 14-F30
• Desintec SoftCell

Bergophor Futtermittelfabrik, Kulmbach, Netherlands, 15-D12
• Digestozym
• Kulmin Lacto HL 100
• Kulmin Lacto HL 50

BEWITAL agri GmbH & Co. KG, Südlohn-Oeding, 14-H10
• Bewi-Spray RS 70

BIOFIBER-Damino A/S, Gesten, Denmark, 15-E21
• PSYLLIUM HORSE DE LUXE

Boehringer Ingelheim, Ingelheim, 15-E25
• Bovikal[®]P.

Celtilait, Ploudaniel, France, 16-H04k
• FORTAN VO SELENIUM

CID LINES, Leper, Belgium, 15-B38
• Kenofix TM

DELACON Biotechnik GmbH, Steyregg, Austria, 15-D23
• Fresta F

DENKAVIT Futtermittel GmbH, Warendorf, 14-E30
• Denkacid XL

Dr. Eckel GmbH, Niederzissen, 16-D20
• Anta[®]Phyt BLT

European Protein A/S, Baekke, Denmark, 14-F53
• Designer proteins

EW Nutrition GmbH, Visbek, 15-B05
• Mastersorb Gold

GFS-Top-Animal-Service GmbH, Ascheberg, 12-D25b
• London +

H. Wilhelm Schaumann GmbH, Pinneberg, 16-A04
• Aminotrace

IDENA SAS, Sautron, France, 16-H04
• VERTAN

J. RETTENMAIER & SÖHNE, Rosenberg, 15-D21
• ARBOCEL GREEN PERFORMANCE

Josera GmbH & Co. KG, Kleinheubach, 14-E14
• AminoPlus

Jyga Technologies, St.-Nicolas, QC, Canada, 11-E15
• Gestal solo

KESLA PHARMA WOLFEN GmbH, Bitterfeld-Wolfen, 17-G13
• WOFA-MAT[®] - disinfecting system

Magapor S.L., Ejea de Los Caballeros, Spain, 12-B41
• Sperm-IA

OLMIX SA, Bréhan, France, 14-F43
• MMi.S

Perstorp Performance Additives, Waspik, Netherlands, 16-J11
• ProSid[™] MI 700

Provimi B.V., Rotterdam, Netherlands, 15-A16
• Hatchbrood system

RKW SE, Michelstadt, 23-F14
• POLYDRESS[®] O2 Barrier 2in1

Schils B.V., Sittard, Netherlands, 14-F12
• Schils Omega Plus

Selko Feed Additives, Tilburg, Netherlands, 14-F22
• Presan

Joint submission:
- Nutreco R&D 14-F22
- Milkivit - Trouw Nutrition, Burgheim, Deutschland, 14-F22

Feed storage and feedstuff production

AGRAVIS Raiffeisen AG, Münster, 14-F30
• CombiMilk CelluLin

Gerhard Weber Kunststoff-Verarbeitung, Minden, 23-G14a
• WK-L-bulk silos, food-safe, PE

Th. Buschhoff GmbH & Co., Ahlen, 23-J05
• Auger balance BSW

VB Beton Deutschland GmbH, Groß Rosenburg, 25-H13
• VBAXv

Equipment, accessories and spare parts

agrel GmbH, Arnstorf, 11-C42
• water tune B

ALB INNOVATION, Montbrison, France, 13-D12
• Alert[™]VELVersion 2 Calving Detector

Big Dutchman International GmbH, Vechta, 9-C24
• Alarm device AL-B with fingerprint-sensor
• BigLED full spectrum illumination
• Egg belt sealing device
• Heating communication module for BFN
• Dung belt sealing device

DAIRY SPARES SARL, Paris, France, 13-F23
• Wolseley SX250 SOLAR FENCER

DeLaval International AB, Tumba, Sweden, 27-H34
• Performance Tester VPR200

FrimTec GmbH, Oberostendorf, 27-G45
• Haptoglobin test

Heiniger AG, Herzogenbuchsee, Switzerland, 13-F14
• Heiniger Xperience

Henke-Sass, Wolf GmbH, Tuttlingen, 15-A24
• HSW vaccination rod with HSW disinfectant container

IMPEX BARNEVELD B.V., Barneveld, Netherlands, 9-C10
• Impex dirty water detection sensor

iVET, Papenburg, 27-D11
• iVET birth monitoring

LUDA Elektronik AB, Göteborg, Sweden, 13-F56
• farmCam

Merko, Kapellen, Belgium, 12-E34
• Merker M3

Minitüb GmbH, Tiefenbach, 12-D33
• Extending station for preparing boar semen

MuckTruck, Erndtebrück, 26-G11
• Cartmate - the pivot wheelbarrow

N.J. Phillips Pty. Ltd., Somersby N.S.W., Australia, 15-C03a
• N J Phillips Dual Injector

SARL ECOPOR, Boeschepe, France, 12-E40
• PREFER INTRA

Schippers GmbH, Kerken-Nieuwerkerk, 12-F50
• MS Corridor

SHOOF International Ltd., Cambridge, New Zealand, 13-F10
• Tailwell2

SYLCO HELLAS S.A., Thessaloniki, Greece, 27-F48
• Hay Feeding Manger for sheep and goats
• Sheep and goat feeding table

Technology cattle

AGRI SERVICE JEUKEN B.V., Millingen A/D RIJN, Netherlands, 27-D25
• ASJ Phosphor Feed Drench

Agromed Austria GmbH, Kremsmünster, Austria, 17-F16
• OptiCell[®] Ruminant

B. Strautmann & Söhne, Bad Laer, 27-E16
• Verti-Mix self-propelled machine with cutter plate removal

Cartel Industries, Naves, France, 25-C23
• DSROB

Cattle Comfort GmbH, Töging, 12-F15
• „Rispa-Soft“
Joint submission:
Betonwerk Schwarz GmbH, Töging / Inn, 12-F15

Chr. Hansen A/S, Hörsholm, Denmark, 16-L10
• SiloSolve FC

Cow-Welfare A/S, Haderslev, Denmark, 13-E12
• Flexible Green Feeding

Cowhouse International B.V., Harkema, Netherlands, 13-E02
• PASTURE GEL MAT (Mattres for dairy cows)

DeLaval International AB, Tumba, Sweden, 27-H34
• NFI (NIR Feed analysis Instrument)

Dr. Kenndoff GmbH & Co. KG,
Hamburg, 27-148a
• Mortella Heal

FAN Separator GmbH,
Marktschorgast, 25-119c
• Separator PSS 3.2 780 Green Bedding

ForFarmers B.V.,
Lochem, Netherlands, 15-E05
• „ForFarmers Bestellen“ app

Förster-Technik GmbH, Engen, 27-E47
• CalfRail

Hölscher + Leuschner,
Emsbüren, 12-F46
• optiCOW



IceRobotics Ltd., South Queensferry,
Edinburgh, Great Britain, 27-D15
• IceScore Mobility

KONGSKILDE Industries A/S,
Sorø, Denmark, 25-C24
• JF Feeder VM Multi

L.T. Hampel GmbH,
Oberdischingen, 27-D27
• Calf-Tel XXL

Moving Floor AB, Visby, Sweden, 13-C64
• Moving Floor Calf Concept

NUKAMEL NV, Olen, Belgium, 16-H19
• Nukamel Seasonal Milk Replacers

OK PLAST I/S, Horsens, Denmark, 13-C12
• Flexi Plastic Feed Table No. 1300 for cattle

Oswin Haase Nachf., Bieberach, 13-B13
• KälberLift KL 117
• Trough drinker „KippAS“
• Trough drinker vFh

PTM s.r.l., Visano (BS), Italy, 25-G14
• PTM MANAGEMENT

ROSENSTEINER GmbH,
Steinbach a.d. Steyr OÖ, Austria, 13-E54
• New edition of Kipp Top

SCHAUER Agrotronic GmbH,
Prambachkirchen, Austria, 12-E35
• ENRO – manure removal robot
• SILMATIC CUT
• STROHMATIC ECO silo discharge
• Rubber honeycomb mat for deep pens

SILOKING,
Tittmoning, 25-A12 und 24-D16
• SILOKING SelfLine driver's cab
• SILOKING SelfLine Premium 18m³

SLOTEN GmbH, Diepholz, 15-E29
• Sprayfo Life Start Concept

smaXtec animal care sales GmbH,
Graz, Austria, 17-F02
• smaXtec pH Easy Control

VITALAC, Carnoet, France, 16-H04
• Glycoline

Technology pigs

ACEMO,
Pontivy Cedex, France, 11-G29
• Elicontrol-Eliskool

ACO Funki GmbH, Büdelsdorf, 12-A20
• ACO Funki GFK liquid feeding mixing tank with off-centre agitator
• ACO Funki Multibox Comfort 2013

AGRIC-BEMVIG,
S.A., Les Masies de Voltregà, Spain, 12-B23
• Robotpig

Big Dutchman Pig Equipment GmbH,
Vechta, 11-D21
• SowCheck - Oestrus detection system
• LevelCheck - Exact filling level measurement in the trough



Dr. Eckel GmbH, Niederzissen, 16-D20
• Aviplus® S

GFS-Top-Animal-Service GmbH,
Ascheberg, 12-D25b
• Biting roll for sows

Hölscher + Leuschner,
Emsbüren, 12-F46
• optiSCAN
• Comfi-Floor



IMPORT-VET S.A.,
Centelles, Spain, 12-D67
• Extender ND5 3D
• METROSPERM

Innovations Commission

Dr. Jörg Bauer, LLH Bauer GbR, Edertal-Bergheim

Margot Bateman, Orielson Mill (GB)

Prof. Dr. Heinz Bernhardt, TUM Lehrstuhl für Agrarsystemtechnik, Freising

Prof. Dr. Dr. Claus-Peter Czerny, Georg-August-Universität Göttingen

Hans-Heinrich Ellersiek, LWK Nordrhein-Westfalen, Spenge

Dipl. Ing. Gerd Franke, Landesbetrieb Landwirtschaft Hessen (LHH), Kassel

Prof. Dr. Michael Grashorn, Universität Hohenheim, Stuttgart

Prof. Dr. Eberhard Hartung, Institut für Landwirtschaftliche Verfahrenstechnik, Kiel

Christian Meyer, Landwirtschaftskammer Schleswig-Holstein / Lehr- und Versuchszentrum Futterkamp

Franz Nydegger, ART Agroscope Reckenholz-Tänikon, Ettenhausen (CH)

Dr. Steffen Pache, Landesamt für Umwelt, Landwirtschaft und Geologie, Köllitsch

Thomas Peine, Niedergründau

Andreas Pelzer, Landwirtschaftszentrum Haus Düsse, Bad Sassendorf

Wilfried Richarz, LWK Nordrhein-Westfalen, Bonn



Dr. Roland Rösch, Fischerei Forschungsstelle Baden-Württemberg, Langenargen

Prof. Dr. Hans Schenkel, Landesanstalt für Landwirtschaftliche Chemie / Universität Hohenheim, Stuttgart

Dr. Matthias Schick, Agroscope FAT Tänikon, Ettenhausen (CH)

Reinhard Schulte-Sutrum, LWK-Nordrhein-Westfalen, Haus Düsse, Bad Sassendorf

Dr. Olaf Steinhöfel, Sächsisches Landesamt für Umwelt, Landwirtschaft und Geologie, Köllitsch

Axel Strauß, Reinheim-Georgenhausen

Dr. Manfred Weber, LLFG, Zentrum für Tierhaltung und Technik, Iden

Dipl. Ing. arg. Klaus-Werner Wolf, Höchst

Dr. Wilfried Wolter, Regierungspräsidium Gießen

Dr. Helmut Wedekind, Bayerische Landesanstalt für Landwirtschaft - Institut für Fischerei, Starnberg

IMV Technologies,

Saint Quen sur Iton, France, 12-F26
 • COOLPIGXcell

LAMMERS, Rastdorf, 11-A12

• PigStop driving gate for piglets/sows/finishers with quick-action clamping device

LANDATA/COBIPORC,

Saint-Gilles, France, 12-D22
 • KOBIMOVE

Landwirtschaftskammer

Nordrhein-Westfalen, Münster, 26-A05
 • Düsser Rooting Tower

LST-Vertriebs GmbH,

Mellinghausen, 11-B22
 • Sick bay

Lühns Gerätebau GmbH,

Rehden, 12-D63
 • Ringelpietz circulating feeding system

Meier - Brakenberg, Extertal, 12-C56

• Combined high pressure cooling and cleaning facility
 • Porkys Cooltoy

Minitüb GmbH, Tiefenbach, 12-D33

• Filling machine for boar semen

PREMIUMFLOOR GmbH,

Marienhäuser, 11-E32
 • PREMIUM GRIP shoulder plate, 600 mm wide
 • PREMIUM shoulder plate with solid area < 7% slot component
 • Universal PREMIUM manure damper made of plastic

RVLP Technologies,

Oporto, Portugal, 11-F16
 • ScrofaPARTUM
 • ScrofaRID
 • ScrofaROBIS
 • ScrofaSW

SCHAUER Agrotroic GmbH,

Prambachkirchen, Austria, 12-E35
 • DRYFEED feed-holding hopper BATCH
 • WelCon farrowing pen
 • LIQUIMIX Chlorine dioxide (ClO₂)
 • LIQUIMIX DMD
 • LIQUIMIX PPD - Push Point Detection
 • SPOTMIX WELFARE

Schippers GmbH, Kerken-Nieuwerker, 12-F50

• MS Cleanfeeder
 • MS Pulse multi-treatment cart with swivel arm
 • MS Pigscale
 • MS Reproduction Train

TEWE-Elektronik GmbH & Co. KG,

Vreden, 11-A09
 • DRY Feed Line Handauslauf
 • TEWESTAR giga 5
 • Airfeed 2 Pro

Vereijken Hooijer BV,

Beek en Donk, Netherlands, 12-A47
 • Pro Dromi farrowing pens
 Joint submission:
 Verbakel BV, NG St. Oedenrode, Netherlands, 11-C01
 Leenders Roosters BV, PM Beek en Donk, Netherlands, 12-A47

WEDA, Lutten i.Old., 12-B48

• Boar Stub
 • Double Feed
 • Easy Up
 • Fast Line
 • SowComp demand station - Twin
 • SowDryComp
 • WD 15-4

Witte Lastrup GmbH, Lastrup, 11-G32

• Soft Slide
 • Twister

Technology poultry

Agrilight b.v.,

TX Monster, Netherlands, 09-G26
 • AVILED fitting

Big Dutchman International GmbH,

Vechta, 09-C24
 • FlexSaver
 • Foldable step rail
 • MultiSwing
 • Relax - Broiler parent bird nest
 • Sliding grate
 • Strap

DSM Nutritional Products,

Kaiseraugst, Switzerland, 14-G21
 • RONOZYME® HiPhos

Hato BV Lighting,

Sittard, Netherlands, 09-C18a
 • GALLI-Luxmeter

iLox GmbH,

Vechta, 09-C18
 • HWDKS-LED
 • ILU-LED

LANDATA/COBIPORC,

Saint-Gilles, France, 12-D22
 • KOBIMOVE

LANDMECO A/S,

Ølgod, Denmark, 09-A04
 • LANDMECO PAN FEEDING

NOREL S.A., Madrid, Spain, 14-H27

• Natesse

Pas Reform Hatchery Technologies,

Zeddum, Netherlands, 09-G08
 • SmartCount TM chick counting and handling system

VDL AGROTECH B.V.,

Eindhoven, Netherlands, 09-A30
 • Matrix

Technology aquaculture

SCHAUER Agrotroic GmbH,

Prambachkirchen, Austria, 12-E35
 • TOPO SPOTMIX FISH VUI

Climate, Environment

ACO Funki GmbH, Büdelsdorf, 12-A20

• ACO Funki separating shaft NW300 2xDN160, plug, bucket, F900

BD BlueSystems GmbH & Co. KG,

Vechta, 25-H23
 • MemFis
 • NELLI

Big Dutchman International GmbH,

Vechta, 09-C24
 • Emission-reducing concept bioaerosols from poultry houses

COOPERL,

Lamballe Cedex, France, 11-G29
 • TRAC

DeLaval International AB,

Tumba, Sweden, 27-H34
 • DeLaval Barn System Controller BSC

Gerhard Weber Kunststoff-Verarbeitung GmbH, Minden, 23-G14a

• Chemical unloading station
 >>WK-Flexline<<

hewitech GmbH & Co. KG,

Ochtrup, 11-C49
 • Hewitech Coolpad AK100

HOTRACO AGRI B.V.,

Hegelsom, Netherlands, 11-D53
 • Hotraco SmartFlow
 • Orion-P, heat exchanger software

IDROBASE GROUP S.r.l.,

Borgoricco (PD), Italy, 11-G28
 • Fogging system - Fog 70 Basic VAR2
 • IDA - Modular vehicle disinfection system

LUBING Maschinenfabrik,

Barnstorf, 11-D17
 • LUBING EcoVario 300 HR

Prüllage Systeme GmbH, Holdorf, 11-C31

• Climatic² NET
 • IN-System

REVENTA GmbH & Co. KG,

Horstmar, 11-C37
 • Filter cover „AirProTec“

SKIOLD A/S, Saaby, Denmark, 11-A30

• SKIOLD PM Energy Motor

SKOV A/S,

Roslev, Denmark, 9-B04 und 11-D49
 • Dynamic MultiStep

UniQFill Air B.V.,

Meijel, Netherlands, 11-A32
 • BioCombie air scrubber/waste air cleaning

VEIT Electronics s.r.o.,

Moravany, Czech Republic, 09-H05
 • EcoTransport

VOSTERMANS VENTILATION B.V.,

Venlo, Netherlands, 11-D41
 • Multifan V-FloFan

Management, Software

BAYERN - GENETIK GmbH,

Grub/ Poing, 27-F16
 • BayernApp

Big Dutchman International GmbH,

Vechta, 09-C24
 • Farm Power Manager

Joint submission:

Big Dutchman Pig Equipment GmbH Vechta, 11-D21

Big Dutchman Pig Equipment GmbH, Vechta, 11-D21

- BigFarmNet health monitoring

Joint submission:

Justus-Liebig-Universität Gießen
Institut für Tierzucht und Haustiergenetik,
26-A16

CLAAS Agrosystems KGaA mbH & Co KG, Gütersloh, 26-D21

- Interface for automated and safe data exchange in cattle breeding

CRV GmbH, Damme, 27-H28

- Ovalert

Nedap N.V., DC Groenlo,
Netherlands, 27-G30, 11-D04

definitiv! business applications, Münster, 12-D25h

- pigtura

Fancom B.V., Panningen, Netherlands, 11-D52

- Pig Cough Monitor

GEA Farm Technologies GmbH, Bönen, 27-D35

- GEA DairyProView - Software for process representation on dairy farms

Georg Gieselbrecht, Gröbming, Austria, 27-G45

- Farmergeorge oestrus calendar for professionals

ITIN + HOCH GmbH, Liestal, Switzerland, 13-G13

- RumiWatchSystem

LAND-DATA EUROSOFTE, Pfarrkirchen, 26-B02

- AO TeamGuide

mekoDATA GbR, Nordhorn, 12-F57a

- mekoVieh

SCHAUER Agrotronic GmbH, Prambachkirchen, Austria, 12-E35

- SCHAUER FarmManager 1.0

Schippers GmbH, Kerken-Nieuwerkerk, 12-F50

- MS Tag little UHF

SCHULZ Systemtechnik GmbH, Visbek, 11-F41

- AgriFarmControl

TEWE-Elektronik GmbH & Co. KG, Vreden, 11-A09

- FZW Tablet

URBAN GmbH & Co. KG, Hude OT Wüstring, 27-G49

- Touchscreen comfort operation for KälberMAMA automatic calf feeder

WEDA, Lutten i.Old., 12-B48

- „Mobile quick capture“ by the WMobile3
- Reportgenerator

Milking and cooling

DeLaval International AB, Tumba, Sweden, 27-H34

- DeLaval NFO Drive
- DeLaval teat spray robot TSR

GEA Farm Technologies GmbH, Bönen, 27-D35

- GEA DairyProQ - Milking Place Module

I.C.F. Srl, Palazzo Pignano (CR), Italy, 27-C14

- PROFILM DIP

Interpuls SPA, Albinea (RE), Italy, 27-G57

- ITALIA Portable Milking Machine

MILK - RITE EUROPE, Melksham, Wiltshire, Great Britain, 27-G36

- Impulse Air Cluster

SYLCO HELLAS S.A., Thessaloniki, Greece, 27-F48

- Fully automatic valve for sheep and goat milking
- mobile milking machine

Animal housing and barn construction

ACO Funki GmbH, Büdelsdorf, 12-A20

- ACO Funki Protect Basis, ACO Funki Protect Top

AGSG, Heede / Ems, 12-D25k

- Near-zero emission piggyery kindly to animals and humans

BIORET AGRI, Nort-sur-Erdre, France, 13-F02

- AQUA BOARD
- ETNA HEATING RUBBER

COOPERL, Lamballe Cedex, France, 11-G29

- Bioevolutis™

HUESKER Synthetic GmbH, Gescher, 13-B49 E25

- Original-LUBRATEC SKYTEX light ridge

JFC Manufacturing Co. Ltd., Galway Co., Ireland, 13-F46

- Deluxe Cow Cubicle

Kingspan Insulation, Ibbenbüren, 12-A05

- Kingspan Selthaan MegaPlus C

Moving Floor AB, Visby, Sweden, 13-C64

- Moving Floor Freestall Concept
- Moving Floor Singlebox

Solid and liquid manure

Big Dutchman International GmbH, Vechta, 9-C24

- Automatic manure belt control

DeLaval International AB, Tumba, Sweden, 27-H34

- DeLaval BSC Manure Handling Automation and controls
- DeLaval Pumpeller

DURÄUMAT Stalltechnik GmbH, Reinfeld, 12-E24

- „V-matic“ folding slider

EnviroSystems (UK) Ltd., Barton, Preston, Great Britain, 13-A19

- SlurryBugs and Booster

EURO-P Kleindienst GmbH, Bad Schwartau, 24-C16

- Slurry pump

J.O.Z., Westwoud, Netherlands, 13-A50

- Slurry Robot: Jot-tech 200

JH Agro A/S, Holstebro, Denmark, 25-B05

- JHacidificationNH4+

MuckTruck, Erndtebrück, 26-G11

- KehrFix - block broom

VDL AGROTECH B.V., Eindhoven, Netherlands, 09-A30

- PoulDry

Westermann GmbH & Co. KG, Meppen, 13-B63

- Chicken dung remover

Farmyard and pasture use

Ciemme Calabria Srl, Cazzago San Martino (BS), Italy, 9-G31

- Agile

Connacht Agri Supplies, Claremorris, Co. Mayo, Ireland, 13-B50

- Butterfly anti backing gate
- Dual hinged anti backing bar

Litzclip, Kleines Wiesental, 13-E56

- Litzclip

PATURA KG, Laudenbach, 13-A42

- PATURA catching and treatment stand A8000

TEXAS TRADING GmbH, Windach, 13-C29

- Headgate HG10
- Squeeze Chute SC11

Processing of poultry and eggs

Big Dutchman International GmbH, Vechta, 9-C24

- EggTrax

Emka Incubators N.V., Kuurne, Belgium, 9-H13

- Dynamic Embryo Link™, DELTM

Marel Stork Poultry Processing, Boxmeer, Netherlands, 9-F32

- AeroScalder
- TrayTrack

EuroTier-Innovations Magazine

Project management:
Agnes Gajdzinski

© 2012 · DLG-Verlag GmbH

Where you can find Gold and Silver Medals:

GOLD MEDALS

01 GEA Farm Technologies GmbH, Bönen, 27-D35

- GEA DairyProQ - Milking Place Module

02 Hölscher + Leuschner GmbH & Co. KG, Emsbüren, 12-F46

- optiSCAN

03 Hölscher + Leuschner GmbH & Co. KG, Emsbüren, 12-F46

- optiCOW

04 ITIN + HOCH GmbH, Liestal, 13-G13

- RumiWatchSystem

05 Marel Stork Poultry Processing, Boxmeer, 9-F32

- AeroScalder

SILVER MEDALS

06 B. Strautmann & Söhne GmbH & Co. KG, Bad Laer, 27-E16

- Verti-Mix self-propelled machine with cutter plate removal

07 Big Dutchman International GmbH, Vechta, 9-C24

- Automatic manure belt control
- Farm Power Manager

Joint submission:

Big Dutchman Pig Equipment GmbH,
11-D21

08 Big Dutchman Pig Equipment GmbH, Vechta, 11-D21

- BigFarmNet health monitoring

Joint submission:

Justus-Liebig-Universität Gießen
Institut für Tierzucht und Haustiergenetik,
26-A16

- SowCheck - Oestrus detection system

09 BIORET AGRI, Nort-sur-Erdre, 13-F02

- AQUA BOARD

10 CLAAS Agrosystems KGaA mbH & Co KG, Gütersloh, 26-D21

- Interface for automated and safe data exchange in cattle breeding

11 DeLaval International AB, Tumba, 27-H34

- DeLaval Barn System Controller BSC

12 Dr. Eckel GmbH, Niederzissen, 16-D20

- Anta®Phyt BLT

13 European Protein A/S, Baekke, 14-F53

- Designer proteins

14 FrimTec GmbH, Oberstendorf, 27-G45

- Haptoglobin test

15 GEA Farm Technologies GmbH, Bönen, 27-D35

- GEA DairyProView - Software for process representation on dairy farms

16 Hato BV Lighting, Vechta, 09-C18a

- GALLI-Luxmeter

17 iVET, Papenburg, 27-D11

- iVET birth monitoring

18 Landwirtschaftskammer Nordrhein-Westfalen, Münster, 26-A05

- Düsser Rooting Tower

19 Lührs Gerätebau GmbH, Rehden, 12-D63

- Ringelpietz circulating feeding system

20 RKW SE, Michelstadt, 23-F14

- POLYDRESS® O2 Barrier 2in1

21 SCHAUER Agrotronic GmbH, Prambachkirchen, 12-E35

- DRYFEED feed-holding hopper BATCH

22 WEDA Dammann & Westerkamp GmbH, Lutten i.Old., 12-B48

- Boar Stub

N



WEST 3



Legende • Legend

- Rind • cattle, dairy
- Schwein • pig
- Geflügel • poultry
- BioEnergy Decentral
- Demonstration • demo area
- Aquakultur • aquaculture
- alle Tierarten: • all animal species: Futter, Tiergesundheit • feedstuffs, animal health
- alle Tierarten: • all animal species: weitere Produkte, Services • other products, services

WEST 2



01

06

11

14

15

17

27

04

09

WEST 1



13

Messebahnhof / railway station
Flughafen / airport

Straßenbahn / tram



NORD 1 / NORTH 1



OST 2 / EAST 2

Decentral energy



OST 3 / EAST 3



SÜD 1 / SOUTH 1



EuroTier

The world's top event for animal production



Save the date 2014!



*Your Business
Driven by Innovations*

**Hanover / Germany
11 – 14 November 2014**



www.eurotier.com

including

