

Seminars

Technology - Management - Animal Husbandry

Our knowledge -
your success



www.deula-nienburg.de



Diesel saving training course for the professionals



The seminar is aimed at the reduction of diesel consumption through the conscious work in the field and driving on the road. We'll show you how you can save 20% of diesel on the road and up to 30% in the field. The tests showed that you can save up to 2.500, - € per tractor a year. Change to a cost-saving and environment friendly driving. Get more power from your tractor, increase its reliability and enjoy the driving.

Seminar contents

- » Invest wisely – to the technology that really saves your money!
- » Machine settings optimization
- » Practical measurement of fuel consumption
- » Thrust measurement while working in the field
- » Managing slip and soil pressure in particular situations
- » Always get the right tire pressure
- » More efficiency for less fuel consumption
- » 22 Practical tips to reduce diesel consumption by 22%

**We train nationwide
directly at your location!**



Optimization of the plant protection application technique

Training for the experienced users



Plant protection is one of the largest cost factors in agriculture. The application technology optimization contributes significantly to the business success. Moreover, it results in the compliance with environmental regulation. It's important to apply active ingredient in the shortest time as perfect as possible. Thus, the large costs can be reduced while avoiding resistance. And the main role plays here application technique. Everything is important – from different machine components to the right nozzle. In this seminar we would like to give you valuable advice and practical tips for the optimal use of machines, as well as tell you about the best plant protection measures.

Seminarinhalte

- » Creation of the irrigation system with different nozzles and settings
- » Managing the irrigation by different measures depending on the situation
- » Increasing effectiveness choosing the right nozzle
- » Increase of the pesticide efficiency by 20%
- » Cost factor "water rate/ha" - what kinds of savings are possible today?
- » Estimation of the sprinkler system sway and pesticide distribution
- » Efficient use of additives
- » The last developments in the sprayer market
- » Construction units in details (function, adjustment and risk potential): pumps, armature, nozzles, filters and valves
- » Optimal use of the machines electric control
- » Sprayer check – identify the errors and fix it up
- » New legal provisions to know and implement

Combine harvester operator training



Seminar contents

- » Threshing costs reduction to more than 10,- €/ha
- » New achievements with new threshing systems
- » Construction units in details (function, adjustment, risk potential, optimization)
 - Reaper
 - Threshing drum
 - Rest grain separation
 - Cleaning
 - Chopper
- » Increase of the crop by 20%
- » Influential parameters: driver, inventory, weather conditions, organization
- » Procedure for basic setting
- » Machine optimization by different crop conditions
- » Damages recognition and managing the situation
- » Use onboard electronics properly
 - Electronic machine setting
 - Grain loss monitors
 - Crop yield measuring system
 - Calibration
- » Solving simple problems
- » Machine work load optimization - business management reasons
- » Maintenance: elevators, chain and belt drives, cleaning, lubrication and wear-out control

Forage harvester operator training



Seminar contents

- » Forage harvesting costs go down to 20,- €/ha – That's the way to go!
- » Important construction units in details (function, adjustment, risk potential)
- » Adjustments are properly adapted to: utilization, weather conditions, solids content, breed, etc.
- » Procedure for basic adjustment
- » Improvement of the harvest quality and increase in performance
- » Measurement technology for the forage harvester quality test
- » Electronics calibration
- » Simple faults removal
- » Helpful maintenance tips
- » Machine work load optimization - business management reasons
- » Useful additional features from the manufacturer
- » Silage compaction
- » Teamwork with harvesters brings success

Distribution test for the fertilizer distributor



In 50% of all the applications the lateral distribution of mineral fertilizers brings in practice very bad results. However, often with a distribution test one can significantly improve scattering accuracy. This fertilizer spreading test we'll make together with you on the fertilizer distributor and then we'll advise you on the distribution optimization.

Seminar contents

- » Basic setting optimization
- » Finding the causes of inaccurate distribution
- » Practical technical check with fertilizer spreader
- » Lateral distribution evaluation and readjustment

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Mit Prüfplakette

Staff training: biogas plant



This practical seminar trains the employees, who we'll have to perform their work on the biogas plants every day. This includes loading, daily checks and making records, as well as technical maintenance.

Seminarinhalte

- » Process biology
- » Equipment maintenance
- » Safety measures
- » Equipment optimization
- » CHP-technology
- » Substrate selection
- » Process management and control
- » Determining VFA/TAC value
- » Pumping and stirring technique

All seminars on biogas are held in cooperation with:



Vocational training for biogas plant operators



This course is primarily aimed at the farmers who already operate a biogas plant or is in the process of building this plant or waiting for the its approval.

Seminar contents

- » Process biology
- » Industrial equipment
- » Safety measures
- » Equipment optimization
- » Risk management
- » Law and RESOP provisions
- » Energy crops cultivation
- » Investment appraisal

Electrician for specified activities in accordance with BGV A3 – IHK Certificate

This training is for the professionals who within their occupation want to carry out electrical installations on the biogas plants. In this course you'll learn about the operation regulations concerning electricity systems and safety measures at work. You will have electrical installations practice. After the repair of electrical equipment safety measures will be checked. The aim is to give you the opportunity to take some specified activities where it is necessary to have a certificate.



Strip-Tillage Training

Consistent resources use



No tillage, mulch tillage or plough seeding - all cultivation methods have their advantages and disadvantages. The idea to combine all benefits in one method was implemented in strip tillage. How big these advantages for the different crops and which technique is the best - you will find it out in this seminar.

Seminar contents:

- » The strip tillage cultivation method
- » Stepped and combined process engineering
- » Specific and efficient nutrients placement - applying attractant on the root system
- » Strip tillage of row crops
- » Strip tillage of cereals and rapeseed
- » Practice in the trial field:
 - » Assessment of cultivation tests (comparison of cultivation methods 2013)
 - » Analysis of cultivation tests
 - » Application and evaluation of different strip tillage equipment



GPS parallel tracking systems in practice



Parallel tracking systems are widely used in agriculture and services apply agencies. In practice, however, there are still some problems, which are to be fixed. But the benefits from diesel and time savings as well as the precious help at work speak for themselves and the systems prove to be profitable even at medium-sized enterprises. In this seminar you'll learn how to avoid errors and make reasonable investment in the right technique.

Seminar contents:

- » State of the art and future developments
- » Accuracy and signal availability
- » Presentation of different correction signals
- » Application areas of different systems
- » Systems costs and savings potential
- » Installation, calibration and operation (with practical exercises)
- » Further development and possibilities of automated machine control and data capture

DEULA is talking about: „Data c(ow)ult in the cowshed“



Chances and opportunities of sensor-based animal monitoring systems in practice. How practical is the new technology? What can I do with the data and how informative is its information content? Tips and suggestions to various innovations and applications of automatic acquisition technologies await the participants in the following areas:

- » Animal identification
- » Food and water consumption
- » Heat detection
- » Birth control
- » Metabolism monitoring
- » Udder health
- » Claw health



Basic fodder – the better concentrated feed



Instructors:

Femke Bruegesch, M. Sc. (DEULA Nienburg),
P. Ickler, M.Sc. (Landberatung Nienburg e.V.),
Dr. J. Thaysen (LWK SH), practitioner

Currently, as a national average no more than 3,000 kilograms of milk are obtained from the basic fodder. A value that is to be increased significantly for physiological, animal health and economic reasons. Valuable tips to increase feed intake and optimize forage production await the participants.

Seminar contents:

- » Feeding based on performance and suitable for ruminants
- » How can I increase intake of basic fodder
- » Practicable management recommendations
- » Possibilities for monitoring the feed intake
- » Practical study on the basic fodder quality
- » Modern production of basic fodder
- » Economic advantages

Fish & Co.

What should I know before getting into aquaculture?



Instructors: Femke Bruegesch, M.Sc. (DEULA Nienburg), Prof. Dr. C. Schulz (University of Kiel, Marine Aquaculture), H. Schäfer (practitioners, shrimp farming), Dr. M. Böer (BD Fish)

Aquaculture is concerned with the controlled breeding of aquatic organisms living in water, especially fish, clams, crabs and algae. It differs from traditional fishing in public waters by their assigning to an owner.

Aquaculture is becoming more important because of the overfishing in the oceans. Nowadays aquaculture facilities contribute over 50% of global food fish production. The seminar provides information on the prospects and challenges of aquaculture in Germany and gives suggestions to get you started.

Seminar contents:

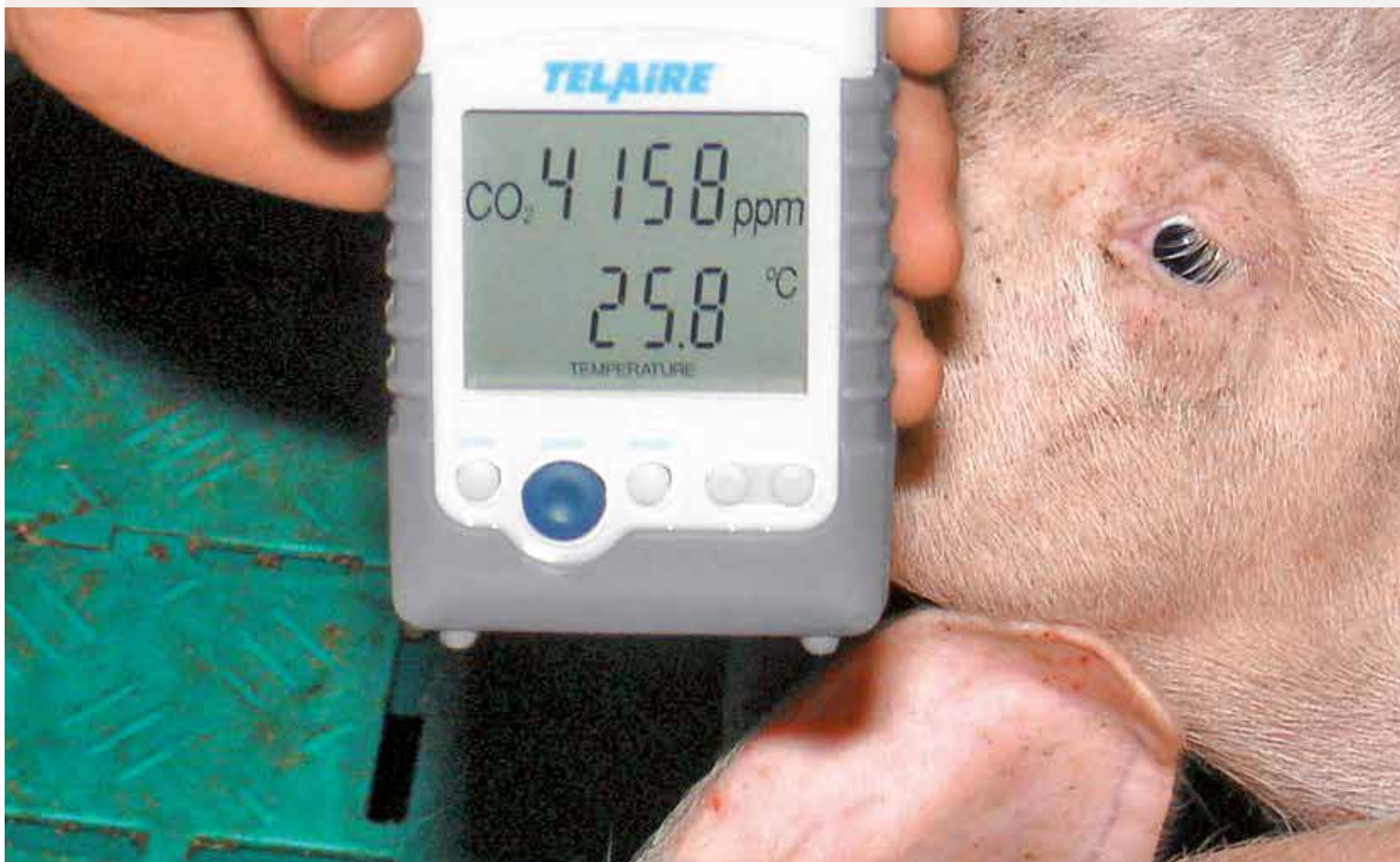
- » Current market situation and future prospects
- » Anatomical and physiological characteristics of the different groups of fish
- » What standards do fish demand from their husbandry environment
- » Hygiene requirements and important diseases
- » Husbandry systems and management
- » Feeding: Peculiarities, dietary composition, feed conversion
- » Reproduction technique
- » Sales opportunities and economic considerations
- » Legal framework and approval procedures

Stable climate - domestic pig

The stable climate is the key management factor to optimize the husbandry conditions. Disorders and high temperature fluctuations directly affect the performance of the animals, their wellbeing and health. Economic consequences and damage to the structure can be averted with targeted interventions. Valuable information to improve the farming environment awaits the participants.

Seminar contents:

- » Effects of stable climate factors
- » Fundamentals of air flow
- » Thermal insulation
- » Identify vulnerabilities of existing ventilation systems
- » Opportunities for energy savings
- » Latest information on planning and calculation
- » Advantages and disadvantages of different air supply systems
- » Efficient exhaust air system
- » Modern controlling and regulation technology
- » Small tips on settings with great effect
- » Heating – the right way
- » Cooling for hot days
- » Cost and saving potential of the exhaust air purification
- » Outdoor climate stables



STUDY TOURS

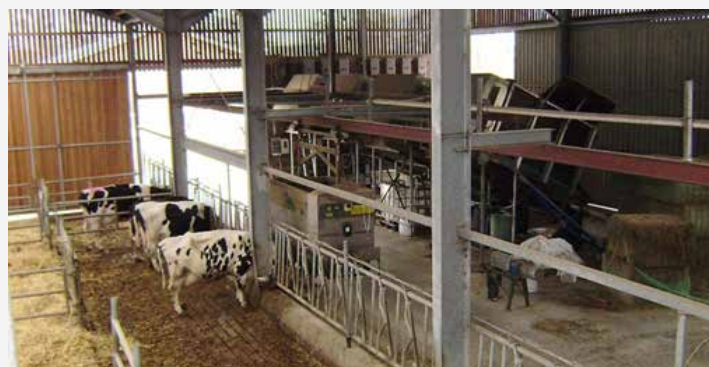
Automatic feeding systems in operation



Feeding robot. Abroad has long been a best seller – today German companies retrofit their facilities. Automatic operating feeding systems facilitate the farmer's daily work in the stable and enable an adequate feed supply. Learn more and reassure yourself in the perfect function of the systems.

Stations:

- » Hellmann, belt feeding, Dörverden
- » Helmers GbR, railbound feeding robot, Hude
- » Meerkerk, feeding robots „ Vector „, Emmer-Compascuum, Holland



How to solve nutrient management problems? Separation - a solution for the future?

Save on storage volume, improve the transportability of the liquid manure and much more. The separation of liquid manure into a solid and a liquid phase has many advantages. Plant operators inform about marketing and re-use avenues of the separated phases and describe their experiences with the practical use of separators.



Stations:

- » Dairy farm Kriessmann, Barver
- » Membrane filtration system, Vechta
- » Thiermann GmbH & Co. KG, Kirchdorf

On the trail of aquaculture

Take a picture of the controlled breeding of aquatic organisms in modern production systems. Research and practice give you an insight into your work. Learn new things about production and the conditions of aquaculture in Germany.

Stations:

- » Imare - Institute for Marine Resources GmbH, Bremerhaven
- » Family Winkelmann, trout and caviar production, Wietzendorf
- » Enterprise Weseloh, combination: biogas + recirculation system, Wolterdingen



Chain saw training course



AS Baum I

Seminar contents

- » Structure and function of chained saws (different brands)
- » Maintenance and correction of minor malfunctions
- » Introduction of different felling techniques
- » Practical use of chain saws (felling, limbing etc.)
- » Use of winch
- » Safety measures (VSG)
- » Taking into account the back-friendly working

Prerequisites:

- » Valid occupational health examination conclusion decision

AS Baum II

Seminar contents

- » Work on the platform in real conditions
- » Hand tools, auxiliary equipment and useful tools
- » Cutting techniques by cutting off the treetops
- » Abseiling techniques
- » Accident prevention measures UVV VBG 14/EN 280/BGR 500

Prerequisites:

- » Valid occupational health examination conclusion decision
- » Chain saw certificate/AS Baum I

Chain saw training course for small-scale business enterprises

This seminar can also take place directly at your location. For the further information please contact us.
Participants number – min. group of 10.



Basic courses: welding technique

Seminar contents

These courses provide you with the knowledge about the features and respective welding equipment handling, as well as aspects of safety at work.

In practical exercises will be trained equipment handling and skills.

Manual metal-arc welding (MMA-welding)

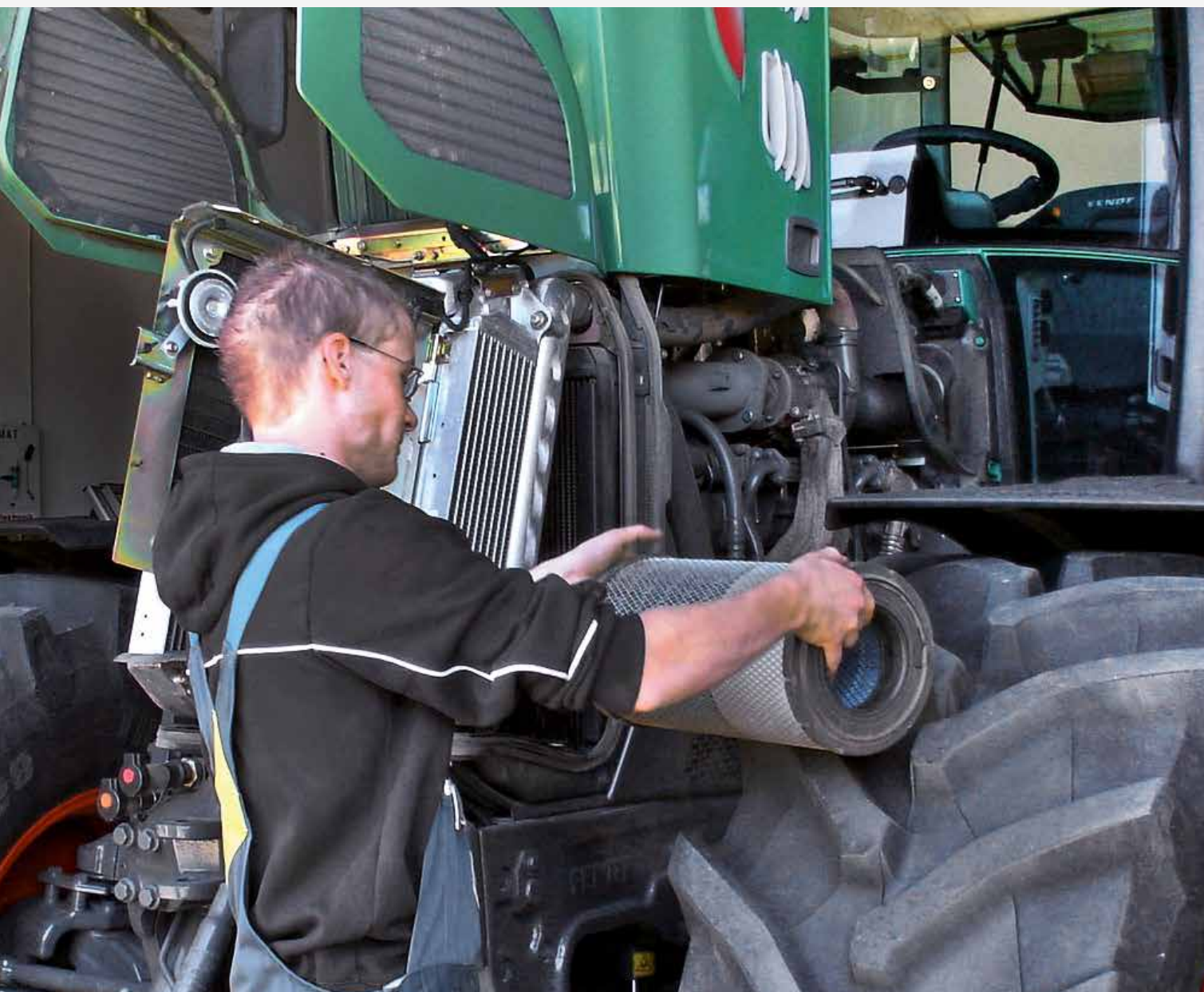
Gas welding (autogenous welding)

Metal active gas welding (GMAW)

The seminar can also take place directly at your location.
For the further information please contact us.



Agricultural machinery repair



This course helps to develop various skills to fix problems with agricultural equipment. In particular, the following repairs are to be practiced:

- » Drive shafts
- » Bearing replacement
- » Drive belts change (single belts, banded belt, variator belts)
- » Housing seal
- » Installation of shaft seals
- » Fault diagnosis in electricity and electronics

Our aim is to provide participants with the skills, so that they could frequently repair machines themselves without any help.

Negotiation training course for professionals



Goal-oriented negotiating to your own advantage is one of the most important competencies of each entrepreneur. In many different situations of our everyday life it is the power of persuasion that influences the result of conversations. With a well thought-out tactics and an appropriate methodology through negotiations you can reach the desirable aims. To reach business and private success conduct discussions and negotiations professionally.

Seminar contents:

- » Conducting negotiations to sell or buy
- » Trust as a success factor
- » With sympathy to success
- » Use of negotiation strategies
- » To succeed through the targeted preparation
- » Ad hoc arguments
- » Represent prices actively
- » Assess interlocutor realistically
- » Buyers and sellers as a winner
- » Completion of a transaction (agreement/postponement/cancel)
- » Use argumentation techniques correctly
- » Golden Rules of negotiations
- » Telephone negotiations optimization
- » Good conditions – yield gradually