



Cronfa Amaethyddol Ewrop ar
gyfer Datblygu Gwledig;
Ewrop yn Buddsoddi mewn Ardaloedd Gwledig
European Agricultural Fund for
Rural Development;
Europe Investing in Rural Areas

Llywodraeth Cymru
Welsh Government



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Welsh Government

Welsh Government Rural Communities – Rural Development Programme 2014-2020

Farm Business Grant

KEY REQUIREMENTS

Businesses must register with Farming Connect **before** submitting an application under this scheme and have a valid Customer Reference Number (CRN) and a County Parish Holding Number (CPH).

Businesses must have a minimum of 3ha of agricultural land, or able to demonstrate 550 standard labour hours, which will be determined at registration with Farming Connect.

A partner in the farming business must attend a **Farming for the Future** event organised by Farming Connect - details of the events can be found on the [Farming Connect website](#). The individual attending must be registered as a business partner with Farming Connect and Welsh Government Rural Payment Wales.

Businesses that have been successful under the Sustainable Production Grant Scheme will not be eligible for FBG.

Businesses with a total turnover **exceeding £1 million** are **not** eligible for FBG.

The online application and claim are submitted at the same time and applicants will be informed by e-mail of the outcome.

Once the grant award has been confirmed the applicant can buy the item or items of equipment informing Welsh Government Scheme Management Unit (SMU) by e-mail only when the project is completed. They will also be required to submit invoices relating to the items purchased.

The application and claim may be inspected before or after the claim is paid

Investment*	Specification*
Cattle Equipment	
Mobile Handling Systems	Mobile system consisting of race, crush and penning for a minimum of 25 cattle on an integrated road legal trailer. The crush must have a ratchet rump bar with automatic head yoke and auto reset facility.

Fixed Handling Systems	A corral system which provides a safe and effective holding area and race-way handling facility to attach to a cattle crush. The system can be erected to suit the requirements of the individual site and should consist of the following minimum specification: Based on SRUC technical note 565 which is based on 2 holding pens, and gates, 1 circular forcing pen approx. 3-4m radius with galvanised metal and side covers to prevent cattle from seeing to the side, leading to a straight or a curved race 3-5m (depending upon system) side covered length with closure gate which is fitted in the race.
Cattle crush (automatic)	With an internal width of 760mm, the crush will have a fully automatic head yoke with auto reset facility, complete access to both sides, rotating rump bar. The crush will be fully galvanised.
Cattle crush (manual)	With an internal width of 760mm, the crush will have a manual head yoke, complete access to both sides and a rump bar. The crush will be fully galvanised.
Head scoop (cattle)	Restricts the side to side movement of the animals head providing increased safety for the animal and operator and helps prevent the animal from collapsing
Electronic Weigh System	Digital weighing device with the ability to record individual animals and track the live weight gains as well as the capability for drafting. The device will have a computer or mobile device interface.
Weigh Bars / Platforms	Load bars or a platform that is compatible with the crush in place. Capability of weighing up to 2000kg
Cattle Auto ID Shedding Gate	Gate linked to computer control/EID system to draft cows into two groups automatically
Foot trimming add-on to crushes	Hoof trimming attachment consisting of belly harness/support, front and rear leg winch with lifting strap and four hoof blocks
Calving detectors	Detector system linked to phone/hand held device to alert when cow begins calving
Cluster Flush	System to back flush milking cluster to sanitise unit between cows, the ADF does an additional job as it also dips the cows teats
Automated footbaths	A footbath that will automatically fill, dose, flush and replenish.

Heat Detection System - Base Unit	Automated system for the heat detection in cows. Neck collars or ankle bands to measure motion associated with oestrous behaviour.
Heat Detection System - Collar	Automated system for the heat detection in cows. Neck collars or ankle bands to measure motion associated with oestrous behaviour.
Sheep Equipment	
Mobile Handling Systems	Suitable for a minimum of 250 sheep with the aim to allow farmers to handle sheep on blocks of ground away from the main holding to include a gathering pen, forcing pen, drafting race, dosing race, side pens the ability to fit plastic footbath and an integrated road legal trailer. Requirements taken from technical note 606 SAC .
Fixed Handling Systems	Fixed sheep handling system consisting of a gathering pen, forcing pen, drafting race, dosing race, side pens and the ability to fit plastic footbath. Suitable for 80-100 sheep. The farmer will integrate this into a shed or a larger penning area to allow them to handle as many sheep as the farm requires. Requirements taken from technical note 606 SAC .
Electronic Weigh Scales	Electronic weigh crate with EID compatibility to be used in conjunction with Electronic Weigh System. The weigh system will be a digital weighing device with the ability to record individual animals and track the live weight gains as well as the capability for drafting. The device will have a computer or mobile device interface.
EID hand held devices	Handheld stock reader with RFID technology for individual reading and recording of animals that is capable of exporting data to a computer based software package for the active monitoring of livestock
Pig Equipment	

<p>Fixed Handling System for Pigs suitable for adaptation in either indoor or outdoor production systems</p>	<p>Pig race consisting of sheeted hurdles and gates. This needs to be a system which provides a safe and effective race-way handling facility capable of being connected to a weighing facility, either an individual crate or a weighing platform. The system can be erected to suit the requirements of the individual site and should consist of the following minimum specification: 2m x 1m hurdles lined with 9mm Stokbord sheeting or similar recycled sheeted material capable of cleaning and disinfection (Qty: 10), 2m wide drafting gate in frame 50mm x 50mm, also Stokbord sheeted, Race joiner, Coupling Pins (Qty: 20). All items should be constructed at a minimum from galvanised but preferably in stainless Steel, with the benefit of being lighter than galvanised steel, significantly stronger and resistant to corrosive attack from acidic disinfectants.</p>
<p>Electronic Pig Weighing facility to be used in conjunction with an integral Electronic data management system-see additional notes</p>	<p>Digitally-based weighing facility with the ability to record liveweights for individual pigs or potentially batches of pigs as well as the capability for manual or auto drafting. Suitable for use in both indoor and outdoor production systems. The facility will have a computer or mobile device interface to an integral Electronic data management system. Capable of weighing pigs from 7kg to 125kg.</p>
<p>Enclosed piglet creeps also heat pads, both capable of thermostatic control to optimise energy efficiency (see Energy Efficiency)</p>	<p>Made from GRP (glass-reinforced plastic) insulated panels, suitable for effective cleaning and disinfection, they feature purpose built elements to ensure even heat distribution over the whole surface area thus allowing all piglets access to warmth. The power cable is protected from animal damage by a flexible stainless-steel tube. Pads are available with or without a sensor along with a temperature controller capable of running up to 1800 watts.</p>
<p>General Equipment</p>	
<p>Air mixing fan systems for housed stock to, improve air movement within the building reduce temperature gradients and displace condensation.</p>	<p>High volume, low speed (HVLS) industrial fan. 7.5 meter (24 foot) ceiling fan</p>
<p>Calf milk pasteuriser/dispenser</p>	<p>Battery operated mobile Colostrum/Waste Milk pasteuriser and dispenser 150 litres</p>
<p>Bulk feed bins (10 tonnes)</p>	<p>Steel or fibre glass tower bin with shoot or conveyor attachment with 60 degree hopper cone Allows totally enclosed storage of feed, free from contamination by vermin. Supporting structure designed to BS5502 or relevant Eurocodes.</p>
<p>Crop Management</p>	

GPS for precision farming	A stand alone GPS unit with automatic field boundary measurement and field recognition. It should have a minimum capability of straight and curved guidance modes with the ability to print maps
Yield mapping	An electronic device to connect to a combine or forage harvester to monitor crop yield during harvest. It will provide information on harvesting rate, with total and partial area (field) yield of crop.
Variable rate controller for sprayers and fertiliser spreaders	An electronic device to connect to an existing sprayer or fertiliser spreader for the purposes of variable rate application. The regulation system will work from either a pressure or a flow sensor and provide information on forward speed, application rate, total and partial area, total and partial volume applied, boom and section status and pressure, flow rate and tank level.
Subsoiler	A subsoiler with minimum working width of 2.7m and three legs. The unit should have a cutting disc preceding each subsoil leg and a rear roller. The machine will be mountable to a three point linkage
Aerator	Grassland Aerator with a minimum of 100mm perforators to be attached to the three-point linkage of a tractor unit. The aerator should be a minimum of 3.0m wide.
Minimum tillage/cultivation machinery	Multi-component one pass / reduced cultivations machine consisting of two or more types of soil engaging part - discs, loosening legs, tines, crumblers, packers. Minimum of 3m working width
Arable crop roller	Multi-section horizontal Cambridge / ring roller with hydraulic fold and transport wheels. Minimum working width of 6.15m. Plain or breaker rings
Seed drills	Direct or strip till drill capable of working through cover crops. Minimum of 3m working width
Chemical storage	Secure (lockable) bunded building with suitable drainage to collect spillage. Frost protection.
Liquid fertiliser storage	Bunded storage tanks for bulk storage of liquid fertiliser. 30,000 litres capacity

Robotic silage pusher	Robotic system with intelligent software and programmable for the intended feed passage. The equipment should have the capability to detect the distance from the feed barrier along with the amount of feed in the passage
Mats for silage pits	Rubber mats of a minimum dimension of 1.8m x 1.2m and 15mm thickness / 30kg mass to replace used tyres used to secure the cover for a silage clamp.
Weed wiper	Suitable to be used with quad bike. Allows selective weed control using less herbicide.
Pasture Plate Meter (Handheld)	A handheld device to assess grass cover by measuring total height and the number of measures. The device should have the capability of storing separate paddocks and for the data to be downloaded to a computer.
Pasture Plate Meter (Trailed)	A trailed device to assess grass cover by measuring total height and the number of measures. The device should have the capability of storing separate paddocks and for the data to be downloaded to a computer.
Energy Efficiency	
Heat recovery unit/plate cooler	System to remove heat from milk before entering the bulk tank. HRU to heat water suitable for parlour/tank wash-down.
Variable Speed Drives on vacuum pumps and/or milk pumps	Variable speed vacuum pump. (Save electricity by varying the speed to only perform the work required.)
Milk Transfer Pump	Variable speed drive milk transfer pump
Improving efficiency of Plate Heat Exchanger (PHE), including solenoid valve	Control equipment regulates cold water flow to match the flow of warm milk, saving both electricity and water.
Efficient water heater/thermostatic controls	Hot water cylinder with thermostatic controls and using off-peak electricity
Efficient compressor/condensers	High efficiency refrigeration systems and components inc extended area condensers electronic expansion valves.

Fuel meters	<p>Diesel fuel dispensing tanks minimum capacity 1500l Bunded SSAFO compliant, material : Polyethylene or Steel. 4m resistant suction pipe with mesh strainer. Non-return valve. Fuel pump. 5m fuel resistant delivery hose. Trigger nozzle with automatic shut off. Lockable fuel tank fill and inspection points. Guaranteed 10 years Overfill prevention probe. Lockable equipment access. Fuel flow meter with batch totaliser. integrated water/ particulate filter. fuel tank contents gauge. lockable fuel tank fill point. lockable fuel tank inspection point.</p>
Electric scraper systems	Slurry scraping system with electric motors. To run automatically. (Replace a tractor scraping system) hydraulic drive or rope / chain winch. Excludes installation costs.
Rapid milk cooling system utilising pre-installed renewable energy	Use of PV electricity linked to "ice builder" to provide cooling of milk
Energy efficient milk storage tanks	Bulk tanks which use electricity from on farm solar PV or utilise "off peak" electricity from the grid.
Humidity controls for grain drying and dehumidifiers including	Control system to sense humidity and control intensity (fuel use) of drying process. Includes duplex burners for use with fan installation. SMS Text Alert System is designed to continuously monitor the running of bulk grain drying. temperature controller for multiple grain cooling fans
Mixed flow driers	Mixed flow grain driers with digital automatic controls. Minimum capacity should be 25tph.
Cross flow driers with recirculation	Cross flow grain dryer with cooling section air recirculation and with digital automatic controls
Flexible insulated store dividers	Insulated vegetable and potato store dividers.
Integrated wash down facilities for parlour	Volume washer for milking parlour connected to rainwater harvest system or water reused from plate cooler.
Resource Efficiency	
Trailing shoe slurry system including macerators	Trailing shoe slurry applicator, minimum 6m working width. To fit to slurry tanker or attach to flexible pipe/umbilical system.

Slurry separator	Slurry pump and separator unit to separate liquid from the fibre fraction in animal slurries.
Shallow injections systems	Injection system to inject slurry into soil surface. To fit to slurry tanker or attach to flexible pipe/umbilical system.
Hose reeler umbilical	umbilical hose reeler random or compartmentalised trailer d or mounted
Trailed compartmented	Trailed compartmented 1600m
Field nurse tank	Umbilical nurse tank 100m3
GPS and flow systems	Slurry flow meter , cab display/controller and GPS system
Water storage tanks for Plate Heat Exchanger	Large plastic water storage tank (minimum storage 5000litres) MDPE portable taking water used in plate heat exchanger to supply cattle drinking troughs.
Water harvesting and filtering equipment.	Pipe work, filtration system, pumps and tank storage to harvest rain water from roof. Figures shown are for a 100 cow dairy herd with 1,000m2 roof and 800mm rainfall per year.
Cover or floating cover for slurry stores (per square metre)	Suspended or floating cover over lagoon or storage tank. To prevent gaseous losses of N and to exclude rainwater, preventing additional volume. (Price per square metre)
Hydraulic ram pumps (water).	Pump working by hydraulic pressure to raise clean water. Pump plus sediment chamber, pump chamber, drive pipe, distribution pipe, 5,000l header tank and return pipe. System assumes 20l/min flow, 3m head with 10 - 20m lift, 300m delivery pipe and two spurs.
Mechanical wind pumps	Wind pump for the extraction of clean water.
Borehole	Borehole to 50m for the extraction of water + associated equipment - pump, cables etc., test pumping and transport to 50 miles
Calibrating trays for fertiliser spreaders	Set of calibration trays for the calibration of fertiliser spreaders. Trays to include baffle to prevent prills bouncing off tray, measuring equipment to calculate weight spread per unit area.
ICT	

<p>Computer hardware only at the appropriate specification to have the capacity to run all modern software packages.</p>	<p>Desktop PC, laptop or tablet suitable for using business software/email, farm management software, online banking, CTS/EID Cymru. Minimum specification: processor: Intel core i3; operation system: Windows 10(64Bit) or equivalent; hard drive: 1TB; memory: 8GB.</p>
<p>Farm Software, business and physical recording applications (subscription fees not included)</p>	<p>Mid - high spec packages (not to include starter or basis options) for either livestock or accounting software, or combined modules. Packages must be capable of recording physical and financial information to manage herd/flock performance, assist with compliance and manage other records such as VAT, cash flow, payment and receipts and perform easy bank reconciliation. This does not include annual support charges or subscriptions.</p>
<p>Digital weather station, linked to computer with software.</p>	<p>A system/station that has the minimum functionality to record barometric pressure, temperature, humidity, rainfall, wind, solar radiation, UV and soil moisture and temperature. Most systems require additional modules to meet this specification. The system must also have GPRS transmitters. The price includes the sensor, mounting facilities and the minimum selection of 5 sensors. Excludes installation costs, service costs and calibration.</p>

*all Investment Items and Specifications are subject to change