



Rural Payments
Agency

Farming Transformation Fund Improving Farm Productivity grant manual

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The Farming Transformation Fund provides grants for eligible beneficiaries to invest in their businesses to improve productivity, profitability, and enhance environmental sustainability.

This manual is about the Farming Transformation Fund Improving Farm Productivity grant. It explains what the grant is for, who is eligible and how to apply.

About the Farming Investment Fund and Farming Transformation Fund

The Farming Investment Fund (FIF) is part of the prosperity and productivity funding in England's Agricultural Transition Offer.

It is a new initiative to support the industry to increase productivity in an environmentally sustainable way. It is based on the Countryside Productivity Grant scheme.

The Farming Investment Fund is divided into 2 schemes.

- Farming Equipment & Technology Fund (FETF) provides smaller grants to improve business performance.
- Farming Transformation Fund (FTF) supports larger investments.

The Farming Transformation Fund provides grants for eligible beneficiaries to invest in their businesses to improve productivity, profitability and enhance environmental sustainability.

There are 3 themes:

- Water Management
- Improving Farm Productivity

- Added Value.

This manual is about the Farming Transformation Fund - Improving Farm Productivity grant. It explains what the grant is for, who is eligible and how to apply.

How the government manages these grants

The Rural Payments Agency (RPA) delivers the grants. RPA's role is to assess applications for grants and make offers for grant funding on behalf of the Department for Environment, Food & Rural Affairs (Defra). RPA may at any time and without further notice change the date these grants close to applications.

About the Improving Farm Productivity grant

What you can and cannot get a grant for, what we are looking for, and what the priorities are.

What the grants are for

These grants are for capital items to improve farm and horticulture productivity through:

- the use of robotic or autonomous equipment and systems to aid crop and livestock production
- the installation of slurry acidification equipment (improved nutrient management, reduced ammonia emissions).

You can find a full list of capital items that are eligible for this scheme in the Eligible costs section.

What the grants are not for

The grants cannot be used to:

- generate renewable energy (grants may be available through Business, Energy and Industrial Strategy)
- buy irrigation equipment (grants available through FETF or FTF – Water management)
- fund equipment used in the processing and packing of fruit or vegetables (grants may be available in future FTF– Adding Value scheme, details to be announced in a few months)
- fund crop storage (grants may be available in future FTF – Adding Value scheme)
- fund anaerobic digesters (grants may be available through Business, Energy and Industrial Strategy).

You can find a full list of costs which are not eligible for this scheme in the Costs which are not eligible section.

Priorities for funding

The priorities are to:

- improve productivity
- improve the environment
- introduce innovation.

What we are looking for

We are looking for projects that improve farm productivity through:

- improving efficiency and effectiveness of primary agricultural or horticultural production
- reducing your farms environmental impact resulting in a positive contribution to net zero and GHG reduction
- improving nutrient and resource management that supports optimisation of field and livestock operations
- adoption of automation in areas where access to labour is an issue.

How the Improving Farm Productivity grants work

Who can and cannot apply, how much can you get and what can you buy.

Who can apply

Farmers and horticulturalists in England can apply for the improving farm productivity grants. You need to own the land on which these activities take place, or you need to have a tenancy agreement in place until 5 years after the project has been completed.

Contractors can also apply if they have a registered business address in England. Contractors are defined as a business (including a sole trader) that carries out an agricultural or horticultural activity as a service.

Who cannot apply

The following are not eligible for the grants:

- public organisations, including Crown bodies and non-departmental public bodies (NDPBs)
- local authorities
- members of Producer Organisations under the Fresh Fruit and Vegetables Aid Scheme if they have funding for the same project through their operational programme
- forestry businesses.

How much money you can apply for

The minimum grant you can claim is £35,000 (40% of £87,500). The maximum grant available under the Improving Farm Productivity theme is £500,000 per applicant.

If you want to apply for both a slurry project and a robotics project, you need to submit 2 separate applications. The maximum grant amount for both projects is £500,000 in total.

At least 60% of the project costs need to be paid for with money from private sources like savings or a bank loan.

You need to be able to pay the remaining project costs. You can use loans, overdrafts and certain other grants, such as the Basic Payment Scheme or agri-environment schemes such as the Countryside Stewardship scheme.

You cannot use other public money (for example grant funding from local authorities) towards the project costs. You cannot use this grant to carry out capital works which are required under other agreements.

Paying for the project

Grants are paid in arrears. You can only claim after the work being claimed for is finished and has been paid for. We expect you to make a maximum of 3 claims over the course of the project.

If you buy an item for the project using lease purchase or hire purchase, you need to own this outright before you can claim any grant money towards it.

This means that, before you claim the grant, you need to:

- pay all of the instalments
- show that the title has passed to you.

Otherwise, you will not be able to include these costs in your claim.

You should not start work or commit to any costs (including paying deposits), enter into any legal contracts, or place an order before the project start date in your Grant Funding Agreement. Any costs incurred before that date are at your own risk and may make your whole project ineligible.

Eligible and ineligible items

What you can and cannot buy.

Eligible items

The grant can be used to pay for the following:

Robotics and innovation

For the purposes of this scheme robotics is defined as autonomous equipment which performs all 4 of the following functions in a continuous loop:

- sensing the environment in which it operates
- understanding its environment from what it has sensed
- planning what it needs to do from what it has understood
- controlling the operation/process it has decided needs to be done (including controlling of actuators which may or may not be part of the eligible project costs).

The list of eligible items is as follows:

- robotic harvesting equipment
- robotic weeding equipment
- robotic spraying equipment
- autonomous driverless tractors or platforms
- voluntary robotic milking system
- robotic feeding systems
- robotic transplanting
- advanced ventilation control units

- wavelength specific LED lighting for horticultural crops.

Other autonomous robotic technology that is not included in the list above will also be considered. For this equipment to be considered eligible it needs to have all the following:

- a sensing system
- ability to understand its environment
- decision making capability to plan
- control actuators (the devices that move robot joints).

If your online application is for 'other autonomous robotic technology' we will assess whether it is eligible before the project is invited to apply for a full application.

Fossil fuel powered equipment

Reducing environmental impacts is a key aim of the scheme. Therefore, robotic equipment utilising an electric or renewable energy source will be prioritised over fossil fuel (for example diesel) powered equipment. Biofuels are considered as renewable energy under this scheme.

Further detail regarding the description and eligibility requirements of all the above items can be found at Annex 1 of this manual.

If you wish to discuss the eligibility of any robotic equipment contact FTF@rpa.gov.uk and include full details of the equipment.

You need to make sure that adequate monitoring and maintenance agreements for any grant funded items is in place to cover the 5-year period of any potential grant funding agreement. Equipment that does not have a lifespan of 5 years or more would be ineligible under this scheme.

Slurry – Mild acidification equipment

Equipment which lowers the pH value of slurry using acid treatment to stabilise the ammonia, thereby increasing the availability of nutrients for plants, and reducing ammonia emissions. For a system to be eligible the following 4 items need to be present:

- acid storage
- dosing equipment
- mixing tank
- pump.

Installation and commissioning of the above equipment is eligible. The cost of installing pipes and pumps necessary for the system to operate are also eligible.

The following equipment (also available under the FETF scheme) is only eligible under this scheme if it is purchased in conjunction with mild acidification equipment as detailed above:

- shallow injection
- trailing shoe
- dribble bar
- real time inline nutrient analysis of slurry.

Further detail about additional slurry equipment and eligibility requirements can be found at Annex 2 of this manual.

Other eligible costs

- Installation and commissioning of the above items is eligible.
- Alterations to the electrical supply within the holding to accommodate the installation of the equipment is eligible. For example, additional wiring from the distribution board.
- Upgrade of electricity supply to the holding is eligible (as long as this doesn't add up to more than 10% of the project's total eligible costs). However, the eligible cost must be related to the project that will be undertaken. For example, if the project requires an additional 100 Kw of electrical supply and the new supply is 200 Kw, only half of the cost will be eligible. There needs to be clear detailed evidence of the power requirement of the project in the full application.

- Installation of an electric charging point is eligible for electric powered mobile robotic equipment only.

Costs which are not eligible

The following are not eligible for grant funding (this list is not exhaustive):

Agricultural Business Costs

- normal agricultural inputs like livestock and fertiliser
- agricultural production rights and payment entitlements

General costs

- projects that are carried out only to meet a legal requirement
- any costs incurred before the project start date shown in the grant funding agreement
- contingency costs
- the cost of getting any permissions, consents or statutory requirements, such as planning permission
- legal costs
- supervising engineers and inspecting engineers' fees
- any items which you have already had EU or national funding for (or intend to get national funding for)
- relocation costs – if the business needs to relocate in order to expand
- costs associated with the provision of housing
- marketing and promotion

Buildings, land, and equipment costs

- construction of new buildings or conversions of existing buildings including flooring for robotic milking parlours

- repairs and maintenance of existing buildings, equipment, and machinery
- like-for-like replacement of existing items (such as buildings, equipment, and machinery)
- equipment used solely for the packing and processing of eggs, fruit, and vegetables
- crop storage or equipment to aid crop storage
- slurry lagoons and above ground slurry stores
- manure storage
- irrigation projects
- purchase of machinery or equipment that will not be on the asset register of the business 5 years after completion of the project for example, equipment with life expectancy of less than 5 years
- equipment which would be supplementary to the robotic or autonomous operation that would normally be considered as standard agricultural equipment for example, seed drill, ventilation fans
- purchase of land, whether or not this land is built on
- renewable heat and energy systems

Business running costs

- salaries and running costs of the business
- in-kind contributions (this means the value of donated work or services) such as the cost of using your own labour, vehicle, and office space
- recurring monthly or annual licence fees, subscriptions, and service charges
- computers, software, and printers used in the general running of the business, like processing orders or accounts
- mobile phones

Financial costs

- bad debts
- advance payments
- insurance policy costs
- working capital
- financial charges, such as bank charges, fines, and interest
- costs connected with a leasing contract, such as a lessor's margin, interest refinancing costs, overheads, and insurance charges
- reclaimable VAT
- pension provision.

How to apply

How the application process works.

When you apply for a grant, you are competing with other applicants. You will not automatically get a grant.

You should not start work or commit to any costs (including paying deposits), enter into any legal contracts, or place an order before you receive a funding agreement offering you a grant. Any costs incurred before that date are at your own risk and may make your whole project ineligible.

The online eligibility checker will open in mid-January 2022 for 8 weeks.

The application is a 2-stage process

Stage 1: Online checker

You need to first use the online checker to check if you can apply for a Farming Transformation Fund Improving Farm Productivity grant and to check how well your project fits the funding priorities. (This will take about 10 minutes if you have all the project details.)

You will need to answer questions about your business so that we can check you are eligible to apply, including:

- the project location
- whether the planned project is on land the farm business owns, or if there is a tenancy agreement
- details of any required planning permission.

We will also ask you for both of the following:

- what grant funded items your project will need
- the estimated cost of the items.

We will tell you if your project is not eligible and you cannot continue to complete an online application.

If your project is eligible, you will be asked further questions to determine how well your project meets the scheme priorities.

We will ask you questions about your project, including:

- if you have used the technology on your farm previously
- if your project will use data collection and analysis technology
- what energy source will the funded items use
- what agricultural sector is your project within.

If you wish to proceed, you can submit your project details and register your interest. At this stage, you will be asked for your contact and business details. You should only submit one online application for your project.

You will get an email with your score and answers, and a reference number.

We will review the information you have provided using the online checker. If your project scores well enough against the funding priorities, we will invite you to submit a full application. We will send you a full application form and guidance about how to fill it in.

Only projects that have submitted an online application through the online checker and have been given a reference number will be able to submit a full application.

If your project does not score highly enough, we will inform you shortly after the checker closes and you will not be able to submit a full application.

At any time throughout the process, if you do not want to proceed and wish to withdraw your application, please let us know so that we can update our records.

Stage 2: Full application

If your online application scores highly enough, we will invite you to submit a full application.

You will need to complete a full application form and send this with your supporting documents to RPA by email. Successful projects will be provided with details about how to do this.

Value for money

We will assess value for money together with the funding priorities and this may impact your overall project score.

You will be competing for funding so the likelihood of your full application being successful will also depend on the number and value of other applications we receive.

If your application is successful, we will send you a Grant Funding Agreement and you can begin work on your project.

What is required to complete a full application

What you will need to fill in your application and how we will assess it.

If you are invited to submit a full application, we will send the form and guidance about how to fill it in.

You will need to provide more details about your project in your full application. You need to use the same project you used in your online application in your full application.

We know that some minor project details may change since the online application was completed, for example, changes to project costs as they are finalised. However, the main details of the project should not be significantly different to the project details entered in the online application.

Please contact the FTF team if you wish to discuss any potential changes to your project in advance of submitting your full application.

The full application form

The full application form is in 2 parts, a word document and a spreadsheet. You should provide full details about yourself, your business, and your project, including:

- a breakdown of project costs
- supplier details
- key dates and project milestones
- proposed project outputs
- financial impact forecast
- explanation of how the project will be funded
- you will be asked to show how it will make your business more efficient and improve its productivity

- details of previous similar grants
- details of your agricultural inputs and outputs and how this might change as a result of your project
- your planning consent for the project or submit evidence from the Local Planning Authority that you have applied for planning permission which must include:
 - a copy of the relevant planning application documents including plans of the proposed development that have been submitted to the Local Planning Authority (LPA)
 - written confirmation from the LPA that the submission has been received and is complete. This document must include the planning reference number allocated to your allocation
 - an indication from the LPA of the expected timescale for a decision.

Obtaining planning permission can take time and you may not have received a decision before the deadline for submitting a full application. You can submit a full application without planning permission having been received providing a planning application has been made to the LPA and the information above is provided. However, it will not be possible to offer grant funding until planning permission has been received.

Where planning consent for your project has not been obtained before submitting your application, you must submit a copy of the planning permission to RPA by 31 December 2022. If the LPA is unable to decide your planning application before this date, your grant application will be considered ineligible and withdrawn from the scheme.

If you do not have planning permission for your project, you are advised to consult with your LPA before preparing a full grant application.

You will need to send us supporting information or documents appropriate to the project including:

- financial accounts for the most recent 3 years of trading
- latest tax returns, management accounts or a statement of income and expenses from an accountant (if you are a new business or self-employed)

- financial and production projections
- relevant permissions and consents including planning consent
- quotes - 3 references to catalogue listings or formal tenders for each item with a value of £5,000 or more, one quote for any items with a value up to £4,999.99, no quotes are required for additional FETF slurry application equipment (see Annex 2 of this manual)
- evidence of project funding
- if you purchase any second-hand items, we need confirmation from the supplier that it has a 5-year life and has and not received previous grant funding
- evidence (letter from Chartered accountant or HMRC) that you are able to include irrecoverable VAT in your project costs, where applicable
- details and draft agreement between parties where a joint venture is proposed
- letter(s) of support from any third parties.

How we assess full applications

We will re-check your project's eligibility under the scheme and score how well it meets the scheme priorities and provides value for money.

We will carry out a detailed assessment of your full application including:

Scheme priorities

Your project will be scored against the Improving Farm Productivity grant scheme priorities which are to:

- improve productivity
- improve the environment
- introduce innovation.

Value for money

We will score how well the project costs represent value for money. This includes the amount of grant required to deliver the outcomes and outputs.

Your project will also be assessed to make sure that it is viable.

Financial viability

We will assess:

- the current financial viability of your business
- how the project may impact on your existing business operations
- how you will fund the project until the grant is claimed
- how the business will benefit from the project financially.

Delivery and sustainability

We will assess:

- how the project will be delivered within budget and on time
- that risks to project delivery have been identified and how they will be mitigated.

If you are offered a grant

How and when you will hear about your application.

We aim to give you a decision about your application within 60 working days.

If you are offered a grant, we will send you a grant funding agreement for you to sign and return to us. This will set out the legal terms and conditions of the grant, including:

- the amount of the grant
- the outputs we have agreed for your project.

If you need to change anything in the grant funding agreement over the course of the project, you must get written agreement from RPA first. If you do not, we could end your agreement and reclaim any grant we have already paid.

You'll get more information and help with this if you are offered a grant.

If your application is unsuccessful

What to do if you do not get a grant and who to contact.

If your application is unsuccessful, we will write to you to tell you why. If you're unhappy with the decision, please refer to our [Complaints procedure](#) on GOV.UK.

Northern Ireland

Can I apply?

Any monies from the Farming Transformation Fund grant scheme must not be used to cross-subsidise any related, linked, parent, subsidiary, partnership, joint venture businesses or operations based in Northern Ireland. Funds from this grant will solely be used for the purposes of England business operations only.

Contact details

How to contact us

If you are not sure if you are eligible to apply, or if you are not able to access the online checker, please contact us:

Email FTF@rpa.gov.uk or call 0300 0200 301 and follow the options for the Farming Transformation Fund scheme.

Or write to:

Rural Payments Agency
Sterling House
Dix's Field
Exeter
EX1 1QA

Annex 1: Robotic equipment definitions and requirements

A list of the type of equipment you can buy and what it needs to be able to do.

This annex lists the definitions and requirements of the eligible robotic equipment which can qualify for the fund.

Robotic harvesting equipment

An autonomous harvesting machine must use computer vision or sensors to detect, select and harvest individual fruit or plants in the crops, leaving the remainder of the crop to be harvested later to optimise productivity.

The equipment can be on its own autonomous platform or propelled as an attachment to existing farm tractors.

Requirements are as follows.

- Cameras, tactile sensors, ability to undertake harvest of the crop without human intervention
- Where necessary it must be able to select, pick and place individual harvested items.
- Autonomous in field trimming and grading can be included if it involves no human intervention to control the process.
- Autonomous equipment that requires human intervention to operate are not eligible.
- Monthly or annual subscriptions and licences for software needed to operate the equipment are not eligible.
- The purchase of conventional tractors to propel the autonomous equipment is not eligible under this scheme.

Robotic weeding equipment

Has the ability to identify and treat individual weeds while leaving the crop untreated or identify individual crop plants and remove the unwanted plants (weeds).

The equipment can be on its own autonomous platform or propelled as an attachment to existing farm tractors.

The requirements are as follows.

- The equipment must have camera guided systems that are able to weed between the plants in a crop row.
- They need the ability to photograph and analyse the plants, recognise the growing crop from the weeds and activate and control the weeding tools to remove the weeds between the plants in a crop row leaving just the growing plant for example, rotating hoe or electric weeding.
- The purchase of conventional tractors to propel the autonomous weeders is not eligible under this scheme.

Robotic spraying equipment

Has the ability to identify and treat individual plants. They accurately place chemicals on individual plants while leaving the remainder of the crop untreated. This could be to apply herbicides or pesticides to individual weeds or diseased plants or apply fertilisers and trace elements to individual plants in the growing crop.

The equipment can be on its own autonomous platform or propelled as an attachment to existing farm tractors.

The requirements are as follows.

- The equipment can be on its own autonomous platform or propelled as an attachment to existing farm tractors.
- The equipment must have camera guided systems that are able to identify and analyse the plants in the crop rows with the ability to photograph and analyse the plants, recognise the growing crop from the

weeds, and activate and control the sprayer to treat individual weeds or diseased plants.

- Self-contained or platform mounted systems would be eligible.
- A platform would only be eligible if it was used with an autonomous driverless agricultural vehicle.
- Tractors or self-propelled sprayers requiring presence of an operator to drive would not be eligible.
- Boom and band sprayers using variable rate control to effectively switch spray nozzles on and off are not eligible under this scheme.
- The purchase of conventional tractors to propel the autonomous sprayers is not eligible under this scheme.

Autonomous driverless tractors or platforms

Autonomous driverless tractors or platforms navigate fields and undertake farming operations using conventional farming equipment.

The requirements are as follows.

- Any vehicle requiring presence of an operator to be permanently present would not be eligible.
- Conventional implements for attaching to the autonomous driverless tractor or platform would not be eligible.

Voluntary robotic milking system

A voluntary robotic milking system which allows the cows free access 24/7. The system undertakes, without human intervention, all aspects of the milking process from cleaning the udder, pre-milking, milking and analysis, through to teat dipping after milking. Systems which require the cows to be herded (or driven) into the parlour as part of the milking routine are not considered voluntary.

The requirements are as follows.

- The focus of this grant is to support the adoption of robotics and will therefore only support the purchase of the robot.
- Equipment which would be found in a conventional parlour is not eligible.
- Ineligible items include milk storage tanks, milk and vacuum lines, vacuum pumps, air compressors, milk cooling equipment, equipment for the storage of reject milk, feeding systems including feed storage to supply the robot, automated access gates, water heaters and plant washing equipment.
- Only the following elements of a complete system will be eligible for funding - milking stall in which the cow stands, robotic arm which cleans the udder, places the cluster on the udder, sensors to help place the cluster on the cow, milking cluster itself including cluster flush and teat dipping functions. Real time milk analysis equipment which aids management decisions concerning the health of the cow can be included as part of the robot.
- New buildings or conversion of existing buildings including gates and pens, and floor alterations are not eligible under this scheme.

Robotic feeding systems

Autonomous system which mixes, transports, and delivers feed to the animals, without the need of a rail system to guide delivery of food.

The requirements are as follows.

- An autonomous system which mixes and transports feed and navigates around the farmyard without a guided rail system is eligible. Funding is aimed at support for the autonomous element and therefore feed storage for, and delivery systems of feed to the robot are not eligible, for example hoppers, bins, conveyors and augers.
- Robots which do not have the ability to mix and transport feed and only able to push feed in front of the livestock are not eligible under this scheme.

- Automatic feeding systems and feed stations are not eligible (for example, out of parlour feeders).
- New buildings and yard areas for the storage of feed are not eligible.

Robotic transplanting

These are autonomous systems used for transplanting cuttings / seedlings / plugs into pots or beds.

The requirements are as follows.

- The equipment must have camera guided systems that are able to identify and analyse individual plant cuttings / seedlings / plugs and inform the robot how to pick up the young plants and transplant into trays, pots or beds. To allow for future expansion the robotic transplanter needs to be capable of being used with a conveyor belt system to allow incorporation into a fully automated seeding line or transplanting line.
- Automated Tray filling and pot filling equipment are not eligible under this item.
- Conveyors linking to other processes are not eligible.

Other autonomous robotic technology

Autonomous robotic systems which operate without human intervention capable of sensing its environment, carrying out computations to make decisions, and performing actions in the production of agricultural and horticultural produce to the point of harvest.

For equipment to be considered autonomous and therefore eligible under this scheme the equipment has to perform all four of the following functions in a continuous loop by sensing, understanding, planning, and controlling.

The requirements are as follows.

- Any robot or vehicle requiring the presence of an operator would not be eligible.

- Installation of an electric charging point is eligible for electric powered mobile robotic equipment.

Advanced ventilation control units

The advanced ventilation control system will control and monitor ventilation of existing horticultural and livestock buildings. It needs to monitor and control the ventilation system, reacting to internal humidity, temperature, and ammonia and/or CO₂ levels in relation to external weather conditions to optimise the environment for the growing and rearing of plants and animals.

The system needs to incorporate a heat recovery system on all ventilation outlets to minimise heat loss and air scrubbing systems on all ventilation outlets to reduce greenhouse gas and particulate emissions. The air scrubbing system needs to remove dust and either CO₂ or ammonia emissions from ventilation outlets.

The requirements are as follows.

- The system needs to include control units, heat exchangers, and air scrubbers. While the proposed system may include heating units these will not be eligible for funding.
- Replacement ventilation fans will also not be eligible for funding.
- The system needs to be able to react to external weather conditions, for example detect the direction of driving rain and close ventilation inlets on that side of the building to prevent rain entering the building while other vents remain open.
- The funding is to support the installation of or updating of ventilation systems in existing buildings.
- Systems for new build horticultural or new build livestock buildings are not eligible for funding.

Wavelength specific LED lighting for horticultural crops

Wavelength specific LED lighting to aid plant growth.

The requirements are as follows.

- The LED lights need to be designed to stimulate plant growth by emitting specific wavelengths of light that drives photosynthesis and plant growth. The system of lighting required will be determined by the crop being produced.
- Eligible costs include LED lights, controllers, and transformers and rectifiers to step the voltage down if the lights work on a low voltage DC system. Lighting gantries and cabling to control units are eligible.
- The funding is to support the installation of wavelength specific LED lighting in existing horticultural buildings.
- Installation in new build horticultural buildings is not eligible for funding.
- Non wavelength specific LED lighting for general lighting of buildings is not eligible.

Annex 2: Additional slurry equipment under the Farming Equipment & Technology Fund

A list of other types of slurry items you can buy and how much we will pay towards buying them.

This annex lists the additional slurry application equipment, which is also available under the Farming Equipment & Technology Fund (FETF), that is eligible under Improving Farm Productivity (IFP). This can only be bought in conjunction with mild acidification equipment as detailed above.

All items bought must meet the minimum specifications shown below. Only brand-new items can be bought.

The amount listed for each Item is the actual grant amount we will pay. So regardless of how much you pay you will only receive the grant amount listed for that Item.

It is your responsibility to fund the remaining cost of an Item. You must have sufficient funds to pay for all Items in full, before claiming your grant payment, as this is paid in arrears.

FETF29 Real time inline nutrient analysis of slurry

Item specification

Nutrient analysis of slurry in real time during application using Near Infra-red (NIR) spectroscopy.

The system will:

- analyse and record the level of Nitrogen, Phosphate and Potassium (N,P,K) during application
- have the capability with aid of GPS to provide accurate application rates for each field application
- be able to be retrofitted to existing slurry application equipment.

Grant amount (based on a quantity of 1)

£12,226

FETF32 Dribble bar minimum working width 6m

Item specification

Dribble bar applicator, minimum 6m working width. To fit to slurry tanker or attach to flexible pipe/umbilical system. Includes macerator, stone traps and pipework to connect to tanker or umbilical system.

Grant amount (based on a quantity of 1)

£4,000

FETF33 Dribble bar minimum working width 10m

Item specification

Dribble bar applicator, minimum 10m working width. To fit to slurry tanker or attach to flexible pipe/umbilical system. Includes macerator, stone traps and pipework to connect to tanker or umbilical system.

Grant amount (based on a quantity of 1)

£8,354

FETF34 Shallow injection systems 3m working width

Item specification

Injection system to incorporate slurry under the soil surface. To fit to slurry tanker or attach to flexible pipe/umbilical system. Minimum working width 3m. Includes macerator, stone traps and pipework to connect to tanker or umbilical system.

Grant amount (based on a quantity of 1)

£8,250

FETF35 Shallow injection systems minimum 6m working width

Item specification

Injection system to incorporate slurry under the soil surface. To fit to slurry tanker or attach to flexible pipe/umbilical system. Minimum working width 6m. Includes macerator, stone traps and pipework to connect to tanker or umbilical system.

Grant amount (based on a quantity of 1)

£8,984

FETF36 Trailing shoe slurry system 6m

Item specification

Trailing shoe slurry applicator, minimum 6m working width. To fit to slurry tanker or attach to flexible pipe/umbilical system. Includes macerator, stone traps and pipework to connect to tanker or umbilical system.

Grant amount (based on a quantity of 1)

£9,834

FETF37 Trailing shoe slurry system over 8m

Item specification

Trailing shoe slurry applicator, minimum 8m working width. To fit to slurry tanker or attach to flexible pipe/umbilical system. Includes macerator, stone traps and pipework to connect to tanker or umbilical system.

Grant amount (based on a quantity of 1)

£10,688