Company Registration No. 00716304

Pig Improvement Company UK Limited

Report and Financial Statements

For the year ended 30 June 2018

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Report and financial statements 2018

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Officers and professional advisers

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Solicitors

Morgan Cole 3 West Way, Oxford, OX2 0SZ

STRATEGIC REPORT

The directors present their strategic report and the financial statements for the year ended 30 June 2018. The company is a part of the Genus plc group.

Business review and principal activities

The principal activities of the company are the sale of breeding pigs and the receipt of royalty income from licensing the use of its intellectual property, trademarks and patents.

Market prices saw a slow decline throughout much of the current year, with published prices ending the year some 8% lower than at the start, although the monthly published price was on average 2.7% higher than in the prior year. With increasing raw material costs in the latter half of the year this resulted in less favourable conditions for the UK pig farmer and saw some deterioration in their profitability by the end of the current year.

The overall strategy of the company remains to move business to a Royalty model where possible, and this has seen a further fall in the direct sales of pigs in the UK market. The successful integration of the Hermitage Genetics business increased market share in the UK and the strategic collaboration with Hermitage AI Ltd on the semen supply chain has both increased AI stud capacity and is delivering the expected operational efficiencies.

Overseas operations continued to perform strongly and deliver to plan.

Review of the business

The directors consider the profit achieved before taxation of £14,811,000 (2017: £13,338,000) and the state of affairs of the Company to be satisfactory, given the economic climate. The director's remain confident about the group and individual company's future performances, which are further encouraged by the post year-end performance of the Company.

Activities

A summary of the main performance indicators is given below:

	2018 £'000	2017 £'000
Revenue	34,245	31,218
Operating profit	16,063	13,421
Profit before taxation	14,811	13,338

In the opinion of the directors, the following are the Company's key performance indicators:

- Revenue for the year to 30 June 2018 increased by 10%.
- Royalties for the year to 30 June 2018 increased by 6%.
- Profit before taxation grew 11%, from £13,338,000 to £14,811,000.

The improvement in the key performance indicators has been driven by improved market conditions and strong global performance of PIC products.

The company's balance sheet on page 10 shows that the company's financial position at the year end is strong in net asset terms.

The directors are confident about future prospects and do not anticipate any change in the nature of the business carried out by the company.

STRATEGIC REPORT (continued)

Principal risks and uncertainties

The Board is responsible for the total process of risk management throughout the Company as well as forming an opinion on the effectiveness of this process. The Board monitors risk management activities and actively participates in discussions around risk topics raised.

The Board regularly reviews their principal risks and uncertainties and follows a consistent approach by identifying and prioritising 'high risk' areas. Mitigating actions and associated monitoring and assurance activities are identified for each 'high risk' area. In addition, responsible executive level employees have been identified to monitor and manage specific areas on behalf of the Company on an ongoing basis. This allows the Board to get a better understanding in the context within which risks occurs and identify probable areas for risk mitigation and organisational control.

The risk management process has identified certain key risk faced by the Company. The risks identified below do not necessarily comprise all those affecting the Company and the risks listed are not set out in any particular order of priority. Additional risks and uncertainties not presently known to the Company or the directors or that the Company or the directors currently deem immaterial may also adversely affect the Company's business or operations.

Product development and competitive edge

Development programme fails to produce best genetics for customers. Increased competition in the market reduces market share and margins.

We have dedicated teams within the Genus Group who align our product development to customer requirements, while our technical services help customers to make best use of our products. We frequently measure our performance against competitors in customers' systems to ensure the value added by our genetics remains competitive.

Biosecurity and continuity of supply

Loss of key livestock, owing to disease outbreak. Loss of ability to move animals or semen freely (including across borders) due to disease outbreak, environmental incident or international trade sanctions. Industry-wide disease outbreaks affecting demand for Genus products.

We have stringent bio-security standards, with independent reviews throughout the year to ensure compliance. Within the Genus Group we continue to extend the geographical diversity of our production facilities, to avoid over-reliance on single sites.

Intellectual Property Protection

Genus-developed genetic material, methods and technology could become freely available to third parties. We have a global, cross-functional process to identify and protect our intellectual property. Our customer contracts and our selection of multipliers and joint venture partners include appropriate measures to protect our IP.

Human Resources

Failure to attract or retain skills and experience within our executive, management and employee cohorts.

We manage our talent risk through comprehensive people plans, covering recruitment, performance management, reward, succession planning, communication and engagement.

STRATEGIC REPORT (continued)

Going concern

The company's business activities are detailed above. Liquidity is managed at group level using long term group bank facilities and further details regarding the going concern assumption are included in note 1 to the financial statements. The directors are confident that, if required, group support will be forthcoming.

Having considered the current uncertain economic environment, the directors have a reasonable expectation that the company has adequate resources to continue in operational existence for the foreseeable future. Accordingly they continue to adopt the going concern basis in preparing the financial statements.

Approved by the Board and signed on its behalf by:

DiNoonan Director

30 November 2018

DIRECTORS' REPORT

The directors present their annual report and the audited financial statements for the year ended 30 June 2018.

Directors

The directors who served the company during the year and to the date of signing of these accounts are as shown on page 1.

During the year and up to the date of these financial statements, the company had in place qualifying third party indemnity insurance for the benefit of all directors.

Dividends

No dividends were paid during the year (2017: £5,000,000). The directors do not recommend the payment of a final dividend (2017: £nil).

Future developments

The directors expect the general level of activity to remain consistent with 2018 in the forthcoming year.

Research and development

The company continues to invest in research and development programmes to maintain its market leading position.

Financial risk management objectives and policies

The Group's Corporate Treasury function provides services to the Company, co-ordinates our access to domestic and international financial markets, and monitors and manages the financial risks relating to the Company's operations, through internal risk reports that analyse exposures by degree and magnitude of risks. These risks include market risk (including currency risk, fair value interest rate risk and price risk), credit risk, liquidity risk and cash flow interest rate risk.

We seek to minimise the effects of these risks by hedging them using derivative financial instruments. Our use of financial derivatives is governed by policies approved by the Board of directors, which provide written principles on foreign exchange risk, interest rate risk, credit risk, the use of financial derivatives and non-derivative financial instruments, and the investment of excess liquidity. The Board of directors regularly reviews our compliance with policies and exposure limits. The Company does not enter into or trade financial instruments, including derivative financial instruments, for speculative purposes.

Key financial risks and exposures are monitored through a monthly report to the Board of directors, together with an annual Board review of corporate treasury matters.

Cash flow risk

The Company's activities expose it primarily to the financial risks of changes in foreign currency exchange rates. The Company uses foreign exchange contracts to manage and hedge these exposures.

Credit risk

The Company's principal financial assets are bank balances and cash, trade and other receivables (including balances with related parties). The Company's credit risk is primarily attributable to its trade receivables. The amounts presented in the balance sheet are net of allowances for doubtful receivables. An allowance for impairment is made where there is an identified loss event which, based on previous experience, is evidence of a reduction in the recoverability of the cash flows.

The Company has no significant concentration of credit risk, with exposure spread over a large number of counterparties and customers.

DIRECTORS' REPORT (continued)

Liquidity risk

In order to maintain liquidity to ensure that sufficient funds are available for ongoing operations and future developments, the Company uses a mix of short term cash and intercompany debt finance.

Employment policies

The company's policies respect the individual regardless of gender, race or religion. Full and fair consideration is given to applications for employment from disabled people. The services of employees who become disabled are retained wherever possible and training, career development and promotion opportunities are provided where appropriate.

The Genus group has a well-established structure to communicate with employees at every level and to encourage their involvement regarding the group's performance and future activities.

Environmental policy

The directors recognise and accept that concern for the environment is an essential part of business strategy and seek to minimise risk to the environment by effective management of the company's activities.

Approved by the Board of directors and signed on behalf of the Board

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30 November 2018

DIRECTORS' RESPONSIBILITIES STATEMENT

The directors are responsible for preparing the Annual Report and the financial statements in accordance with applicable law and regulations.

Company law requires the directors to prepare financial statements for each financial year. Under that law the directors have elected to prepare the financial statements in accordance with United Kingdom Generally Accepted Accounting Practice (United Kingdom Accounting Standards and applicable law), including FRS 102 "The Financial Reporting Standard applicable in the UK and Republic of Ireland". Under company law the directors must not approve the financial statements unless they are satisfied that they give a true and fair view of the state of affairs of the company and of the profit or loss of the company for that period. In preparing these financial statements, the directors are required to:

- select suitable accounting policies and then apply them consistently;
- make judgments and accounting estimates that are reasonable and prudent;
- state whether applicable UK Accounting Standards have been followed, subject to any material departures disclosed and explained in the financial statements; and
- prepare the financial statements on the going concern basis unless it is inappropriate to presume that the company will continue in business.

The directors are responsible for keeping adequate accounting records that are sufficient to show and explain the company's transactions and disclose with reasonable accuracy at any time the financial position of the company and enable them to ensure that the financial statements comply with the Companies Act 2006. They are also responsible for safeguarding the assets of the company and hence for taking reasonable steps for the prevention and detection of fraud and other irregularities.

Income statement Year ended 30 June 2018

	Notes	2018 £'000	2017 £'000
Revenue	2	34,245	31,218
Changes in stocks of finished goods and work in progress		25	257
Raw materials and consumables		(9,527)	(5,987)
Staff costs	5	(2,162)	(2,829)
Depreciation		(22)	(292)
Amortisation		(389)	(327)
Exceptional costs - restructuring		(860)	(978)
Other operating charges		(5,247)	(7,641)
Operating profit	3	16,063	13,421
Gain on disposal of fixed assets		7	24
Income from other fixed asset investments		3,121	52
Amounts written off investments		(4,310)	
Profit before net finance expense		14,881	13,497
Net finance expense	4	(70)	(159)
Profit before taxation		14,811	13,338
Tax charge on profit	7	(2,974)	(2,775)
Profit after taxation		11,837	10,563

All amounts are derived from continuing activities.

The accompanying notes form an integral part of these financial statements.

Statement of comprehensive income

Year ended 30 June 2018

	Notes	2018 £'000	2017 £'000
Profit for the financial year		11,837	10,563
Items that may not be reclassified subsequently to profit or loss			
Actuarial gain /(loss) on retirement benefit obligations Tax relating to component of other comprehensive (credit) / expense	14 7	308 (58)	(443) 70
Other comprehensive expense for the year		250	(373)
Total comprehensive income for the year		12,087	10,190

The accompanying notes form an integral part of these financial statements.

Statement of changes in equity Year ended 30 June 2018

	Note	Called up Share capital £'000	Share premium account £'000	Revaluat ion reserves £'000	Other reserves £'000	Profit and loss account £'000	Total equity £'000
At 1 July 2016 Actuarial loss on retirement		186	8	45	23	25,911	26,173
benefit obligations	14	-	-	-	-	(443)	(443)
Tax relating to component of other comprehensive expense	7					70	70
Other comprehensive expense for the year		-	-	-	-	(373)	(373)
Profit for the year		-	-			10,563	10,563
Total comprehensive income for the financial year		-	-	-	-	10,190	10,190
Dividend		-	-	-	-	(5,000)	(5,000)
Revaluation surplus			<u>.</u>	(45)		<u>45</u>	-
At 30 June 2017		186	8	-	23	31,146	31,363
Actuarial gain on retirement benefit obligations Tax relating to component of	14	-	-	-	-	308	308
other comprehensive expense	7		<u> </u>			(58)	(58)
Other comprehensive income for the year		-	-	-	-	250	250
Profit for the year			-			11,837	11,837
Total comprehensive income for the financial year		-	-	_		12,087	12,087
At 30 June 2018		186	8		23	43,233	43,450

No dividend was declared and paid during the year (2017: £2.69 per ordinary share). The directors do not recommend the payment of a final dividend (2017: £nil).

The accompanying notes form an integral part of these financial statements.

Balance sheet As at 30 June 2018

As at 50 June 2016		2010	2017
	Notes	2018 £'000	2017 £'000
Fixed assets			
Intangible assets	8	5,826	6,027
Tangible assets	9	26	41
Investments	10	28,339	30,876
Deferred tax asset	16	331	424
		34,522	37,368
Current assets			
Stocks	11	219	203
Debtors	12	19,472	3,868
Cash at bank and in hand		556	806
		20,247	4,877
Creditors: amounts falling due within one year	13	(8,059)	(5,623)
•	13		
Net current assets/(liabilities)		12,188	(746)
Total assets less current liabilities		46,710	36,622
Retirement benefit obligations	14	(1,048)	(1,528)
Provisions	15	(2,212)	(3,731)
Net assets		43,450	31,363
Capital and reserves			
Called up share capital	17	186	186
Share premium account		8	8
Revaluation reserve		-	_
Other reserves		23	23
Profit and loss account		43,233	31,146
Shareholder's funds		43,450	31,363

For the year ending 30 June 2018 the company was entitled to exemption from audit under section 479A of the Companies Act 2006 relating to subsidiary companies.

Directors' responsibilities:

 the members have not required the company to obtain an audit of its accounts for the year in question in accordance with section 476;
 the directors acknowledge their responsibilities for complying with the requirements of the ACT with respect to accounting records and the preparation of accounts.

The financial statements of Pig Improvement Company UK Limited (registration number 0716304) were approved by the Board of Directors and authorised for issue on 30 November 2018. The accompanying notes form an integral part of these financial statements.

Signed on behalf of the Board of Directors

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Notes to the financial statements Year ended 30 June 2018

1. Accounting policies

The principal accounting policies are summarised below. They have all been applied consistently throughout the year and to the preceding year.

General information and basis of accounting

Pig Improvement Company UK Limited is a private company limited by shares incorporated in the United Kingdom under the Companies Act and registered in England. The address of the registered office is given on page 1. The nature of the company's operations and its principal activities are set out in the strategic report on pages 2 to 4.

The financial statements have been prepared under the historical cost convention, modified to include certain items at fair value, and in accordance with Financial Reporting Standard 102 (FRS 102) issued by the Financial Reporting Council.

The functional currency of Pig Improvement Company Limited is considered to be pounds sterling because that is the currency of the primary economic environment in which the Company operates.

Pig Improvement Company Limited meets the definition of a qualifying entity under FRS 102 and has therefore taken advantage of the disclosure exemptions available to it in relation to, financial instruments, presentation of a cash flow statement, share based payments, intra-group transactions, remuneration of key management personnel and exposure to financial risks and financial assets and liabilities defined as financial instruments.

Going concern

The Company's business activities, together with the factors likely to affect its future development and position, are set out in the Business Review section of the Strategic Report. The Company is expected to trade profitably for the foreseeable future. The Company participates in the Genus Group's centralised treasury arrangements and shares banking arrangements, including the provision of cross guarantees, with its ultimate parent Genus plc and fellow subsidiaries.

The directors, having assessed the responses of the directors of Genus plc to their enquiries, and having received confirmation regarding its continued support, have no reason to believe that a material uncertainty exists that may cast significant doubt about the ability of the Genus Group to continue as a going concern or its ability to continue to trade with the current banking arrangements.

On the basis of their assessment of the Company and the Group's financial position and of the enquiries made of the directors of Genus plc, the company's directors have a reasonable expectation that the Company and Group will be able to continue in operational existence for the foreseeable future. Thus they continue to adopt the going concern basis of accounting in preparing the annual financial statements.

Consolidation

The Income Statement and Balance Sheet are those of the company. Consolidated financial statements have not been prepared as the company is a wholly owned subsidiary of Genus plc, a company incorporated in the United Kingdom (see note 20) whose consolidated accounts can be obtained from www.genusplc.com. The company has taken advantage of the exemption from the requirement to produce consolidated financial statements in accordance with Section 400 of the Companies Act 2006.

Foreign currency

Transactions in foreign currencies are recorded at the rate ruling at the date of the transaction.

Income statement items in overseas currencies are translated at average exchange rates. Foreign currency denominated monetary assets and liabilities are translated at rates ruling at the balance sheet date. Monetary exchange gains and losses are taken to the Income statement account.

Notes to the financial statements Year ended 30 June 2018

1. Accounting policies (continued)

Revenue

Revenue is the value of sales and royalties receivable from customers, excluding VAT, net of discounts and other sale-related costs. The principal components of revenue are:

- sale of porcine semen and porcine breeding animals, which we recognise when risks and rewards transfer to the customer and;
- royalty is recognised when receivable.

Fixed asset investments

Fixed asset investments, including those in subsidiaries and joint ventures, are stated at cost less provision for impairment in value.

Taxation

Current tax, including UK corporation tax and foreign tax, is provided at amounts expected to be paid (or recovered) using the tax rates and laws that have been enacted or substantively enacted by the balance sheet date.

Deferred tax is recognised in respect of all timing differences that have originated but not reversed at the balance sheet date where transactions or events that result in an obligation to pay more tax in the future or a right to pay less tax in the future have occurred at the balance sheet date. Timing differences are differences between the Company's taxable profits and its results as stated in the financial statements that arise from the inclusion of gains and losses in tax assessments in periods different from those in which they are recognised in the financial statements.

Unrelieved tax losses and other deferred tax assets are recognised only to the extent that, on the basis of all available evidence, it can be regarded as more likely than not that there will be suitable taxable profits from which the future reversal of the underlying timing differences can be deducted.

When the amount that can be deducted for tax for an asset (other than goodwill) that is recognised in a business combination is less (more) than the value at which it is recognised, a deferred tax liability (asset) is recognised for the additional tax that will be paid (avoided) in respect of that difference. Similarly, a deferred tax asset (liability) is recognised for the additional tax that will be avoided (paid) because of a difference between the value at which a liability is recognised and the amount that will be assessed for tax. The amount attributed to goodwill is adjusted by the amount of deferred tax recognised.

Deferred tax is measured using the tax rates and laws that have been enacted or substantively enacted by the balance sheet date that are expected to apply to the reversal of the timing difference.

Where items recognised in other comprehensive income or equity are chargeable to or deductible for tax purposes, the resulting current or deferred tax expense or income is presented in the same component of comprehensive income or equity as the transaction or other event that resulted in the tax expense or income.

Current tax assets and liabilities are offset only when there is a legally enforceable right to set off the amounts and the Company intends either to settle on a net basis or to realise the asset and settle the liability simultaneously.

Deferred tax assets and liabilities are offset only if: a) the Company has a legally enforceable right to set off current tax assets against current tax liabilities; and b) the deferred tax assets and deferred tax liabilities relate to income taxes levied by the same taxation authority on either the same taxable entity or different taxable entities which intend either to settle current tax liabilities and assets on a net basis, or to realise the assets and settle the liabilities simultaneously, in each future period in which significant amounts of deferred tax liabilities or assets are expected to be settled or recovered.

Notes to the financial statements (continued) Year ended 30 June 2018

1. Accounting policies (continued)

Tangible fixed assets excluding breeding stock

Tangible fixed assets are stated at cost less accumulated depreciation and any provision for impairment except for certain freehold land and buildings which are stated at valuation less accumulated depreciation.

Where depreciation charges are increased following a revaluation, an amount equal to the increase is transferred annually from the revaluation reserve to the profit and loss account as a movement on reserves. On the disposal or recognition of a provision for impairment of a revalued fixed asset, any related balance remaining in the revaluation reserve is also transferred to the profit and loss account as a movement on reserves.

Freehold land is not depreciated. Freehold buildings are depreciated by equal annual instalments over their estimated useful lives up to a maximum period of 40 years. Plant and equipment is depreciated straight-line over periods which range from 4 to 10 years and which do not exceed their anticipated useful lives.

Breeding stock

Breeding animals in genetic nucleus, daughter nucleus and production nucleus herds that are classified as Maiden Gilts, In-Pig or Empty Sows and Stock Boars are held for breeding purposes on the company's farms. These breeding animals are classified as fixed assets and stated at cost less depreciation and are depreciated on a straight line basis over their estimated lives of 18 months.

Goodwill

Goodwill arising on the acquisition of subsidiary undertakings and businesses, representing any excess of the fair value of the consideration given over the fair value of the identifiable assets and liabilities acquired, is capitalised and written off on a straight line basis over its useful economic life, which is 10 years. Provision is made for any impairment.

Intangible assets

Intangible assets that we have acquired in a business combination since 1 April 2005 are identified and recognised separately from goodwill, where they meet the definition of an intangible asset and we can reliably measure their fair values. Their cost is their fair value at the acquisition date.

After their initial recognition, we report these intangible assets at cost less accumulated amortisation and accumulated impairment losses. This is the same basis as for intangible assets acquired separately.

The estimated useful lives for intangible assets are as follows:

Intellectual property rights (Porcine genetics technology) 20 years – straight line

Stocks

Stocks are stated at the lower of cost incurred in bringing each product to its present location and condition, and net realisable value. Cost represents purchase price or production costs including labour and attributable overheads, based on normal levels of activity, and is calculated using the weighted average method. Net realisable value is based on estimated selling price less any further costs expected to be incurred to completion and disposal. Provision is made for obsolete, slow-moving and defective items where appropriate.

Research and development

Research and development expenditure is written off in the year in which it is incurred.

Foreign currencies

Transactions in foreign currencies are recorded at the rate of exchange at the date of the transaction. Monetary assets and liabilities denominated in foreign currencies at the balance sheet date are reported at the rates of exchange prevailing at that date.

Notes to the financial statements (continued) Year ended 30 June 2018

1. Accounting policies (continued)

Leases

Rentals under operating leases are charged on a straight-line basis over the lease term, even if the payments are not made on such a basis. Benefits received and receivable as an incentive to sign an operating lease are similarly spread on a straight-line basis over the lease term.

Derivative financial instruments

The company uses forward exchange contracts to manage foreign exchange risk.

The fair values of forward exchange contracts are their quoted market price at the balance sheet date, which is the present value of the quoted forward price, any movement in the valuation is recognised immediately in the profit or loss account.

Financial assets and liabilities

Financial assets and financial liabilities are recognised when the Company becomes a party to the contractual provisions of the instrument.

Financial liabilities and equity instruments are classified according to the substance of the contractual arrangements entered into. An equity instrument is any contract that evidences a residual interest in the assets of the Company after deducting all of its liabilities.

All financial assets and liabilities are initially measured at transaction price (including transaction costs), except for those financial assets classified as at fair value through profit or loss, which are initially measured at fair value (which is normally the transaction price excluding transaction costs), unless the arrangement constitutes a financing transaction. If an arrangement constitutes a finance transaction, the financial asset or financial liability is measured at the present value of the future payments discounted at a market rate of interest for a similar debt instrument.

Financial assets and liabilities are only offset in the statement of financial position when, and only when there exists a legally enforceable right to set off the recognised amounts and the Company intends either to settle on a net basis, or to realise the asset and settle the liability simultaneously.

Debt instruments which meet the following conditions are subsequently measured at amortised cost using the effective interest method:

- (a) Returns to the holder are (i) a fixed amount; or (ii) a fixed rate of return over the life of the instrument; or (iii) a variable return that, throughout the life of the instrument, is equal to a single referenced quoted or observable interest rate; or (iv) some combination of such fixed rate and variable rates, providing that both rates are positive.
- (b) There is no contractual provision that could, by its terms, result in the holder losing the principal amount or any interest attributable to the current period or prior periods.
- (c) Contractual provisions that permit the issuer to prepay a debt instrument or permit the holder to put it back to the issuer before maturity are not contingent on future events, other than to protect the holder against the credit deterioration of the issuer or a change in control of the issuer, or to protect the holder or issuer against changes in relevant taxation or law.
- (d) There are no conditional returns or repayment provisions except for the variable rate return described in (a) and prepayment provisions described in (c).

Debt instruments that are classified as payable or receivable within one year and which meet the above conditions are measured at the undiscounted amount of the cash or other consideration expected to be paid or received, net of impairment.

Other debt instruments not meeting these conditions are measured at fair value through profit or loss.

Commitments to make and receive loans which meet the conditions mentioned above are measured at cost (which may be nil) less impairment.

Notes to the financial statements (continued) Year ended 30 June 2018

1. Accounting policies (continued)

Financial assets and liabilities (continued)

Financial assets are derecognised when and only when a) the contractual rights to the cash flows from the financial asset expire or are settled, b) the Company transfers to another party substantially all of the risks and rewards of ownership of the financial asset, or c) the Company, despite having retained some significant risks and rewards of ownership, has transferred control of the asset to another party and the other party has the practical ability to sell the asset in its entirety to an unrelated third party and is able to exercise that ability unilaterally and without needing to impose additional restrictions on the transfer.

Financial liabilities are derecognised only when the obligation specified in the contract is discharged, cancelled or expires.

Interest income and interest payable

We recognise interest income and interest payable in the income statement, as they accrue.

Provisions

A provision is recognised when group has a present legal or constructive obligation as a result of a past event, and it is probable that an outflow of economic benefits will be required to settle the obligation and a reliable estimate can be made of the amount of the obligation. If the effect is material, provisions are discounted to present value.

Pensions

In respect of the defined benefit scheme, the amounts charged to operating profit are the current service costs and gains and losses on settlements and curtailments. They are included as part of staff costs. Past service costs are recognised immediately in the profit and loss account if the benefits have vested. If the benefits have not vested immediately, the costs are recognised over the year until vesting occurs. The interest cost and the expected return on assets are shown as a net amount of other finance costs or credits adjacent to interest. Actuarial gains and losses are recognised immediately in the statement of total recognised gains and losses.

Defined benefit schemes are funded, with the assets of the scheme held separately from those of the group, in separate trustee administered funds. Pension scheme assets are measured at fair value and liabilities are measured on an actuarial basis using the projected unit method and discounted at a rate equivalent to the current rate of return on a high quality corporate bond of equivalent currency and term to the scheme liabilities. The actuarial valuations are obtained at least triennially and are updated at each balance sheet date. The resulting defined benefit asset or liability, net of the related deferred tax, is presented separately after other net assets on the face of the balance sheet.

Exceptional items

The Company presents exceptional items separately, as we believe it helps to improve the understanding of the Company's underlying performance.

In determining whether an item should be presented as exceptional, we consider items which are material either because of their size or their nature, and those which are non-recurring. For an item to be considered as exceptional, it must initially meet at least one of the following criteria:

- it is a one off material item;
- it is has been directly incurred as the result of either an acquisition and/or integration or other major restructuring programme;
- it has been previously classified as an exceptional item, and as such consistent accounting treatment is being applied; or
- it is unusual in nature e.g. outside the normal course of business.

If an item meets at least one of the criteria, we then exercise judgement as to whether the item should be classified as exceptional.

Notes to the financial statements (continued) Year ended 30 June 2018

1. Accounting policies (continued)

Employee benefits

The company recognises a provision for annual leave accrued by employees as a result of services rendered in the current period, and which employees are entitled to carry forward and use within the next 6 months. The provision is measured at the salary cost payable for the period of absence.

Critical accounting judgements and key sources of estimation uncertainty

In the application of the accounting policies, the directors are required to make judgements, estimates and assumptions about the carrying amounts of assets and liabilities that are not readily apparent from other sources. The estimates and associated assumptions are based on historical experience and other factors that are considered to be relevant. Actual results may differ from these estimates.

The estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised in the period in which the estimate is revised if the revision affects only that period, or in the period of the revision and future periods if the revision affects both current and future periods.

Critical judgements in applying the Company's accounting policies

The following are the critical judgements, apart from those involving estimations (which are dealt with separately below), that the directors have made in the process of applying the Company's accounting policies and that have the most significant effect on the amounts recognised in the financial statements.

Revenue recognition

Management services were carried out during the year to other group companies. These services were carried out throughout the whole year and were recognised in line with the Company's general policy of recognising revenue when goods are delivered/services provided.

In making its judgement, management considered the detailed criteria for the recognition of revenue from the sale of goods/provision of services set out in FRS 102 Section 23 *Revenue* and, in particular, whether the Company had transferred to the buyer the significant risks and rewards of ownership of the goods. The directors are satisfied that the significant risks and rewards have been transferred and that recognition of the revenue in the current year is appropriate.

Key source of estimation uncertainty

Impairment of investments and intangible assets

Determining whether investments and intangible assets are impaired require an estimation of the value-in-use of the cash-generating units. In arriving at the value-in-use an estimation of the future cash flows of cash-generating units and selecting appropriate discount rates is required to calculate present values, a process which involves estimation.

Defined benefit pension scheme

Amounts recorded in the financial statements in respect of defined benefit pension schemes are also based on significant estimates, being discount rate and mortality assumptions (see note 14).

Deferred contingent consideration

When valuing the contingent consideration payable on acquisitions, the Company considers various factors including the performance of the acquired entity since acquisition together with its expected performance to the end of the earn-out period.

Notes to the financial statements (continued) Year ended 30 June 2018

2. Revenue

	2018 £'000	2017 £'000
Royalties receivable from group undertakings Sales to group undertakings	13,296 549	12,527 435
External sales	20,400	18,256
	34,245	31,218

All revenue derives from trading activities originating in the United Kingdom.

The revenue and profit before taxation are attributable to the company's principal activities. External sales are split by geographical destination as follows:

	£'000	£'000
United Kingdom	6,605	5,687
Rest of Europe	5,801	4,214
Other	7,994	8,355
	20,400	18,256

3. Operating profit

The following have been charged before arriving at operating profit:

	2018 £'000	2017 £'000
Auditor's remuneration		
Audit fees	28	33
Operating lease costs		
- plant and machinery	33	56
- other	2	154
Depreciation of fixed assets		
Owned tangible assets	14	292
Amortisation	389	327
Research and development	3,048	3,304
Group management charge	804	502
· -		

There were no non-audit fees payable to the company's auditor (2017: £nil).

Notes to the financial statements (continued) Year ended 30 June 2018

4. Net finance expense

	2018 £'000	2017 £'000
Other interest receivable and similar income		
Other interest receivable and similar income	272	995
Interest payable and similar charges		
Net interest payable in respect of pension scheme Other interest payable and similar charges	(38)	(32) (1,122)
	(342)	(1,154)
Net finance expense	(70)	(159)

Included in other interest receivable and similar income are exchange gains of £257,000 (2017: £976,000) arising on the translation at year end of monetary assets and liabilities denominated in foreign currency and crystallised foreign currency denominated transactions during the year.

Included in other interest payable and similar charges are exchange losses of £254,000 (2017: £1,029,000) arising on the translation at year end of monetary assets and liabilities denominated in foreign currency and crystallised foreign exchange losses on foreign currency denominated transactions during the year.

5. Employees

	2018 £'000	2017 £'000
Wages and salaries	1,925	2,601
Social security costs	174	148
Pension costs	63	80
	2,162	2,829
The average monthly number of employees (excluding directors) during the year w	as as follows:	
	2018	2017
	No.	No.
Production and service	4	19
Sales	3	4
Administration	5	5
	12	28

The company operates a defined contribution pension scheme for the benefit of the employees. The assets of the defined contribution scheme are administered by trustees in a fund independent from those of the company. The unpaid contributions outstanding at year end are £nil (2017: £nil).

6. Directors

None of the directors received any remuneration, or other benefits, in respect of their services as directors of the company for the year ended 30 June 2018 and 30 June 2017. The directors are paid by other group companies for their services to the group as a whole. The allocation to this company is £nil (2017: £nil).

Notes to the financial statements (continued) Year ended 30 June 2018

7. Tax charge on profit

Taxation comprises:

Current tax on profit	2018 £'000	2017 £'000
UK corporation tax	2,934	2,615
Double tax relief	(382)	(350)
Overseas withholding tax	385	357
Adjustments in respect of prior years	2	16
Total current tax	2,939	2,638
Deferred taxation		
Origination and reversal of timing differences	59	150
Adjustment in respect of prior years	(24)	(13)
Total deferred tax (note 16)	35	137
Total tax on profit	2,974	2,775
Total current and deferred tax relating to items of other		
comprehensive income	58	(70)
	3,032	2,705
Factors affecting current tax charge for the year		
	2018	2017
	£,000	£'000
Profit before taxation	14,811	13,338
United Kingdom corporation tax at 19.00% (2017: 19.75%) on profit	2,814	2,634
Effects of:		
- Expenditure not deductible for tax purposes	803	139
- Dividend income not taxable in determining taxable profits	(593)	(10)
- Foreign tax	(14)	7
- Adjustment in respect of prior year	(22)	3
- Change in tax rate	(14)	2
Total tax charge on profit	2,974	2,775

The Finance Act 2016, which provides for the reduction in the main rate of corporation tax from 19% to 17% effective from 1 April 2020, was substantively enacted on 6 September 2016. This rate reduction has been reflected in the calculation of deferred tax at the balance sheet date.

Notes to the financial statements (continued) Year ended 30 June 2018

8. Intangible fixed assets

	Goodwill £'000	Intellectual property rights £'000	Total £'000
Cost At 1 July 2017 Additions	3,401	7,395 188	10,796 188
At 30 June 2018	3,401	7,583	10,984
Accumulated depreciation At 1 July 2017 During the year	3,401	1,368	4,769 389
At 30 June 2018	3,401	1,757	5,158
Net book value At 30 June 2018	-	5,826	5,826
At 30 June 2017		6,027	6,027

Intangible assets are purchased intellectual property rights from Génétiporc Inc.

The goodwill related to the acquisition of the trademarks, intellectual property and contract rights of Agricola Genetico Porcina Ltda, the former PIC franchisee in Chile.

9. Tangible fixed assets

	Plant and equipment £'000
Cost or deemed cost	
At 1 July 2017	158
Additions	2
Disposals	(87)
At 30 June 2018	73
Accumulated depreciation	
At 1 July 2017	117
Charge for the year	14
Disposals	(84)
At 30 June 2018	47
Net book value	
At 30 June 2018	26
At 30 June 2017	41

In the opinion of the directors, the aggregate value of tangible fixed assets is not less than the aggregate amount at which those assets are stated in the balance sheet.

Notes to the financial statements (continued) Year ended 30 June 2018

10. Fixed asset investments

	Shares in subsidiary undertakings £'000	Shares in associate undertaking £'000	Loan to associate undertaking £'000	Other investments £'000	Total £'000
Cost					
At 1 July 2017	24,319	3,654	1,861	3,620	33,454
Additions	1,758	-	-	2	1,760
Effect of movement in					
exchange rate			13	-	13
At 30 June 2018	26,077	3,654	1,874	3,622	35,227
Provision for impairment					
At 1 July 2017	2,438	-	-	140	2,578
Provided in the year	4,310			-	4,310
At 30 June 2018	6,748			140	6,888
Net book value					
At 30 June 2018	19,329	3,654	1,874	3,482	28,339
At 30 June 2017	21,881	3,654	1,861	3,480	30,876

Shares in subsidiary undertakings

During the prior year the Company purchased the entire share capital of Hermitage Genetics Designated Activity Company (subsequently renamed PIC Genetics Designated Activity Company) and Morganite Investments Limited for a total consideration of £19,669,000, comprising of £15,279,000 of cash and £4,390,000 of deferred contingent consideration, which is the maximum deferred contingent consideration payable. The deferred contingent consideration is payable on certain conditions being met by the seller as well as trading performance of the business.

Notes to the financial statements (continued) Year ended 30 June 2018

10. Fixed asset investments (continued)

The company's subsidiary undertakings at 30 June 2018 are as follows:

	Registered office and Country of incorporation	Class of shares and nominal value	Percentage of nominal value of issued shares held	Nature of business	Net assets at 30 June 2018 £'000	Retained profit for the year £'000
PIC Polska Sp. z o.o	ul. Gwiazdzista 7 lok.2,01-651. Warszawa	Ordinary	100%	Supply of dairy and beef semen	2,043	(101)
	Poland					
PIC Genetics Designated Activity Company	Riverside one, Sir John Rogerson's Quay, Dublin 2	Ordinary	100%	Porcine	2,533	832
-	Ireland					
Morganite Investments Limited	Riverside one, Sir John Rogerson's Quay, Dublin 2	Ordinary	100%	Non trading	nil	nil
	Ireland					

Shares in joint ventures and associate undertakings

The company's associate undertaking at 30 June 2018 are as follows:

	Country of incorporation	Class of shares and nominal value	Percentage of nominal value of issued shares held	Nature of business
Xianyang Yongxiang Agriculture Technology Co. Ltd	China	Registered capital RMB 70,588,000 yuan	49%	Pig breeding

Other investments

In 2016, we invested £3,461,000 (\$5.0m) into a strategic non-controlling interest of 5% in Caribou Biosciences, Inc. These shares are not held for trading and accordingly are classified as available for sale.

The company also holds various trade investments in agricultural and research companies.

11. Stocks

2018 £'000	
Livestock 219	203

In the opinion of the directors, there is no material difference between the book value of stocks and their replacement cost at 30 June 2018.

Notes to the financial statements (continued) Year ended 30 June 2018

12. Debtors

	2018 £'000	2017 £'000
Trade debtors	2,554	1,827
Amounts owed by parent undertaking	12,082	44
Amounts owed by fellow subsidiary undertakings	13	444
Amounts owed by subsidiary undertakings	2,579	65
Other taxation and social security	49	271
Other debtors	2	26
Prepayments and accrued income	2,193	1,122
Derivative financial asset (see note 19)	<u> </u>	69
	19,472	3,868

Amounts owed by group undertakings are unsecured and repayable on demand.

13. Creditors: amounts falling due within one year

	2018 £'000	2017 £'000
Trade creditors	750	860
Amounts owing to parent undertaking	3	1,467
Amounts owing to fellow subsidiary undertakings	1,807	421
Corporation tax	1,987	265
Other taxation and social security	104	_
Other creditors	22	21
Contingent deferred cash consideration (see note 15)	1,769	659
Accruals and deferred income	1,617	1,930
	8,059	5,623

Amounts owing to group undertakings are unsecured and payable on demand.

Notes to the financial statements (continued) Year ended 30 June 2018

14. Retirement benefit obligations

The Company sponsors the National Pig Development Company Limited Retirement Benefits Scheme, a funded defined benefit pension scheme in the UK. The Scheme is administered within a trust which is legally separate from the Company. The Trustees are appointed to act in the interest of the Scheme and all relevant stakeholders, including the members and the Company. The Trustees are also responsible for the investment of the Scheme's assets.

The Scheme provides pensions and cash sums to members on retirement and to their dependants on death. Members who leave service before retirement are entitled to a deferred pension. The scheme closed to accrual of benefits on 31 March 1996.

The Company pays regular contributions aimed at removing the funding deficit as determined by regular actuarial valuations, which are usually carried out every three years. These actuarial valuations are carried out in accordance with the requirements of the Pensions Act 2004 and so include deliberate margins for prudence. This contrasts with these accounting disclosures, which are determined using best estimate assumptions.

Responsibility for making good any deficit within the scheme lies with the Company and this introduces a number of risks for the Company. The major risks are: interest rate risk; inflation risk; investment risk; longevity risk. The Company and Trustees are aware of these risks and manage them through appropriate investment and funding strategies. The Trustees manage governance and operational risks through a number of internal controls policies, including a risk register.

A formal actuarial valuation has been carried out with an effective date of 30 June 2014. The results of this valuation have been projected to 30 June 2017 by a qualified independent actuary. The figures in the following disclosure were measured using the Projected Unit Method.

On the 20 March 2015, the company became the sponsoring employer of the National Pig Development Company Limited Retirement Benefits Scheme, which is a defined benefit pension scheme being run as a closed and paid up scheme. The scheme has no active members.

On 18 August 2018, a formal actuarial valuation with an effective date of 30 June 2017 was completed by the scheme's actuary Xafinity. The contribution rate increased from £210,000 to £250,000 per annum, payable by equal monthly instalments with effect from 1 August 2018.

The financial assumptions used to calculate the scheme liabilities are:

	2018	2017	2016	2015	2014
Increases for pensions in payment	3.00%	3.10%	2.7%	3.1%	3.2%
Liability discount rate	2.90%	2.65%	2.8%	3.8%	4.2%
Inflation assumption	3.05%	3.15%	2.7%	3.1%	3.2%
Revaluation of deferred pensions	1.95%	2.05%	1.6%	2.0%	2.2%

Notes to the financial statements (continued) Year ended 30 June 2018

14. Retirement benefit obligations (continued)

The mortality assumptions used are consistent with those recommended by the schemes' actuaries and reflect the latest available tables, adjusted for the experience of the scheme where appropriate. For 2018, the mortality tables used are 97% of the S2NA tables, with birth year and 2017 CMI projections with a smoothing parameter of Sk = 7.5, subject to a long-term rate of improvement of 1.25% for males and females (2017: the mortality tables used are 97% of the SN2A tables, with birth year and 2014 CMI projections, subject to a long-term rate of improvement of 1.25% for males and females).

The following table shows the assumptions used for all schemes and illustrates the life expectancy of an average member retiring at age 65 at the balance sheet date and a member reaching age 65 in 20 years' time.

	2018 Years	2017 Years
Retiring at balance sheet date at age 65: Male Female	22.4 24.6	23.0 25.2
Retiring at age 65 in 20 years time: Male Female	23.8 26.1	24.7 27.0
The amounts recognised in the statement of financial position are as follows:		
	2018 £'000	2017 £'000
Total market value of assets Present value of scheme liabilities	5,248 (6,296)	5,237 (6,765)
Deficit in the scheme	(1,048)	(1,528)
An analysis of the amount that has been charged to other finance income is as	follows:	
	2018 £'000	2017 £'000
Expected return on pension scheme assets Interest on pension scheme liabilities	139 (177)	145 (177)
Net expense	(38)	(32)
Amounts recognised in the statement of comprehensive income:		
	2018 £'000	2017 £'000
Actual return less expected return on pension scheme assets	(137)	(12)
Actuarial gains/(losses) arising from changes in financial assumptions Actuarial gains arising from changes in demographic assumptions Other experienced loss	270 257 (82)	(431)
Actuarial gains/(losses) recognised in other comprehensive income	308	(443)

Notes to the financial statements (continued) Year ended 30 June 2018

14. Retirement benefit obligations (continued)

Movements	in	deficit	during	the	vear:

	2018 £'000	2017 £'000
Deficit in scheme at start of the year	(1,528)	(1,263)
Movement in year:		
Contributions	210	210
Other finance charges	(38)	(32)
Actuarial gains/(losses)	308	(443)
Deficit in scheme at end of year	(1,048)	(1,528)

Reconciliation of opening fair value of plan assets to closing fair value of plan assets:

	2018 £'000	2017 £'000
Fair value of plan assets at start of the year	5,237	5,253
Movement in year:		
Expected return on plan assets	(137)	(12)
Contributions by the company	210	210
Benefits paid	(201)	(359)
Interest income	139	145
Fair value of plan assets at end of year	5,248	5,237

Reconciliation of opening present value of benefit obligations to closing present value of benefit obligations:

	2018 £'000	2017 £'000
Present value of plan obligations at start of the year	(6,765)	(6,516)
Movement in year: Interest cost Actuarial losses arising from changes in financial assumptions Benefits paid	(177) 445 201	(177) (431) 359
Present value of plan obligations at end of year	(6,296)	(6,765)

Notes to the financial statements (continued) Year ended 30 June 2018

14. Retirement benefit obligations (continued)

The return on scheme assets

	2018 £'000	2017 £'000
Interest income	139	145
Return on scheme assets (excluding amount included in net interest amount)	(137)	(12)
Present value of plan obligations at end of year	2	133

The assets in the scheme were:

	2018 £'000	2017 £'000
Matching Liability Driven Investments	1,668	1,571
Return seeking Diversified growth funds	3,536	3,626
Cash	44	40
Total assets	5,248	5,237

The scheme has no investments in the Company or in property occupied by the Company.

15. Provisions

	Contingent deferred consideration £'000
Balance at 1 July 2017 Utilised	4,390 (409)
Balance at 30 June 2018	3,981
Current (see note 13) Non-current	1,769 2,212
Balance at 30 June 2018	3,981

Contingent deferred cash consideration relates to the acquisition of Hermitage Genetics and is subject to certain conditions being met by the seller.

Notes to the financial statements (continued) Year ended 30 June 2018

16. Deferred taxation asset

	2018 £'000	2017 £'000
Accelerated capital allowances Short term timing differences Pension related	142 11 178	140 24 260
	331	424
Balance at 1 July 2017 Recognised in Income Statement Recognised directly in equity		£'000 424 (35) (58)
Balance at 30 June 2018		331

The closing deferred tax asset at 30 June 2018 has been calculated at 17% reflecting the tax rate at which the deferred tax asset is expected to be utilised in future periods.

17. Share capital

	2018 £'000	2017 £'000
Allotted, issued, called up and full paid:	£ 000	£ 000
1,857,164 ordinary shares of 10p each	186	186

The share premium represents the premium paid for ordinary shares.

The profit and loss reserve represents cumulative profit and losses.

18. Operating lease commitments

Total commitments under non-cancellable operating leases are as follows:

	Other	
	2018	2017
	£'000	£'000
Operating leases		
Total commitments which are payable:		
Within one year	25	5
Between one and five years	52	34
	77	39
	####	

Notes to the financial statements (continued) Year ended 30 June 2018

19. Derivatives and other financial instruments

Fair values

The fair market values of financial assets which have been calculated by the relevant financial institution, together with the carrying amounts shown in the balance sheet, are as follows:

	2018		2017	
	Carrying amounts £'000	Fair value £'000	Carrying amounts £'000	Fair value £'000
Currency rate swap		-	69	69

Details of the significant accounting policies and methods adopted are disclosed in note 1 to the financial statements.

We have categorised financial instruments held at valuation into a three-level fair value hierarchy, based on the priority of the inputs to the valuation technique in accordance with FRS 102. The hierarchy gives the highest priority to quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). If the inputs used to measure fair value fall within different levels of the hierarchy, we base the category level on the lowest priority level input that is significant to the fair value measurement of the instrument in its entirety. We have estimated the fair values of the Company's outstanding interest rate swaps by calculating the present value of future cash flows, using appropriate market discount rates, representing Level 2 fair value measurements as defined by FRS 102. We have not categorised any financial instruments as Level 1 or Level 3.

20. Parent undertaking

The company's ultimate controlling party and parent undertaking is Genus plc, a company registered in England and Wales. Genus plc is the largest and smallest group, of which the company is a member, for which consolidated accounts are prepared. Copies of the financial statements of Genus plc are available from its registered office whose address is as follows:

Matrix House Basing View Basingstoke Hampshire RG21 4DZ

21. Contingent liabilities

The company has entered into cross guarantees to the group's bank in respect of the borrowings of its parent. At 30 June 2018 the total contingent liability in respect of group borrowings was £123.9 (2017: £130.3m).

22. Post balance sheet events

On 2 July 2018, the Company and Avlscenter Møllevang A/S ('Møllevang'), a leading Danish porcine genetics company, signed an exclusive distribution agreement for Denmark, entered into a sireline nucleus agreement and company purchased 49% of Møllevang. In accordance with the subscription agreement, the company paid £19.3m on 2 July 2018. Møllevang will be an elite porcine genetics production partner for PIC in Denmark and will continue to distribute elite genetics to the Danish market and certain other countries.