



FERTILISER PRODUCT RANGE

CONTENTS

WELCOME	3
OUR FERTILISER PLANT	4
HOW OUR BLENDS ARE MADE	5
EXPERTISE TO CALL UPON	6
PORT OF BERWICK	7
PRODUCT RANGE	8
LOW-CARBON FERTILISERS	9
DISTRIBUTION AGREEMENTS	10
YARA UK	11
OCI GLOBAL	12
ICL FERTILIZERS UK	13
SKW PIESTERITZ	14
LAT NITROGEN	14
CUSTOMER TESTIMONIALS	15

WELCOME

At McCreath Simpson & Prentice, we have proudly been supplying farm inputs – including fertiliser – from our Berwick-upon-Tweed headquarters since 1980.

We work closely with select global suppliers, selecting only the highest quality raw materials. These strong, long-term relationships and our integrated supply chain ensures a consistent supply of premium fertilisers, even during times of global market pressure.

Quality is upheld through rigorous testing at every stage – for hardness, dust, granulometry and size both in-house and independently – to guarantee we supply the best formula on the market.

Our fertiliser department is supported by our team of FACTS qualified Farm Traders operating from the Highlands of Scotland to North Yorkshire, providing tailored technical advice to maximise Nutrient Use Efficiency (NUE) and improve overall farm efficiency.

As a Certified B Corporation, we recognise the environmental impact of fertiliser use. Alongside our existing range, we are trialling lower carbon fertiliser products to help reduce the carbon footprint across our supply chain.

“A HIGH-QUALITY PRODUCT, APPLIED AT THE RIGHT TIME, GUIDED BY TECHNICAL EXPERTISE, IS KEY TO NOT ONLY IMPROVING PRODUCTIVITY BUT ALSO TO THE EFFICIENCY AND SUSTAINABILITY OF THE WHOLE FARM BUSINESS.”



David Barrett
Fertiliser Director

OUR FERTILISER PLANT

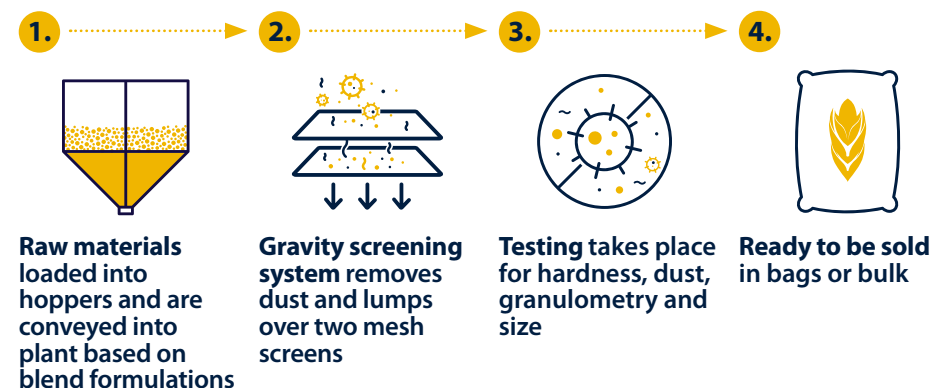
Since opening our fertiliser plant in 2008 at our headquarters in Berwick-upon-Tweed, we have continually invested in improving the plant. The first major investment was the construction of our state-of-the-art blending plant in 2013, which has enabled us to produce up to 100,000 tonnes of fertiliser annually. Our improvements continued in 2023 with a further £250,000 invested into a specific gravity screening system, highlighting

our commitment to providing only the highest quality fertiliser to our customers.

Our fertilisers can be sold in bags, ready to be delivered to farm, or for collection in bagged or bulk form from our fertiliser plant, which is also home to our cereal seed plant, grass & small seeds plant and agrochemical store.



HOW OUR BLENDS ARE MADE



THE BENEFITS



Reduced risk of bag set and hardness – limits the risk of hard product and large lumps when emptying bags into the spreader which saves time and reduces product loss



Accurate application – uniform product size supports better spreader calibration, spread patterns and maximises yield



Efficiency & savings – free flowing product reduces handling time, increasing hectares covered resulting in increased efficiency and reduced costs

INDEPENDENT VERIFICATION

To ensure our ongoing commitment to supplying quality fertiliser, we regularly send samples to Salamon and Seaber (a UKAS accredited laboratory specialising in fertiliser analysis of both solid and liquid fertilisers). This ensures compliance with specifications and provides independent assurance to growers.



EXPERTISE TO CALL UPON

At McCreath Simpson & Prentice, our fertiliser department works closely with each of our customers to help achieve a maximum return. This begins on-farm with our team of FACTS qualified Farm Traders who our customers can call upon.

As proud members of CREST – an independent, full-service team of specialist agronomy companies – our commercial team is kept abreast of the latest developments in the industry and can provide information on to customers on the best crop protection products to combat disease.

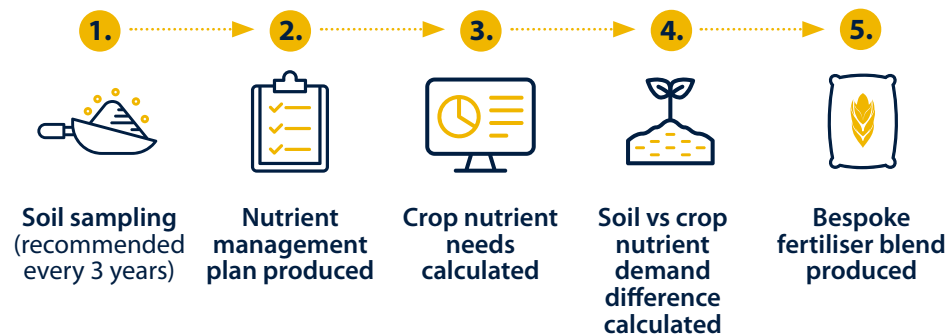


A core focus of our service is Nutrient Use Efficiency (NUE) – the measure of how effectively fertilisers are used in agriculture to support crop growth. By improving NUE, we can help growers improve their fertiliser efficiency and maximise their return on investment. This reduces the carbon footprint of the crop for end users and improves overall crop resilience.

To support this, our Farm Traders provide soil and precision pH sampling, variable lime application recommendations and tailored crop management plans which are based on the soil analysis.



STEP BY STEP PROCESS:



PORT OF BERWICK

The impact our operations have on our carbon footprint is important to us from a sustainability perspective. With our coastal location in Berwick-upon-Tweed, the majority of the fertiliser we source – from France, Netherlands, Germany, Belgium and Morocco – arrives by boat in bulk cargoes, which is an efficient way of transporting bulk commodities.

The fertiliser is then transported one mile up to our headquarters, where it is either blended or bagged – or both – and then distributed to customers throughout our trading area.

As a business, we are proud to be one of the main beneficiaries and users of the Port of Berwick. This, in turn, boosts the local economy in terms of employment, while also enabling the development of the port for the future benefit of the community.



PRODUCT RANGE

STRAIGHTS

Our range of straight fertilisers provide essential single nutrients to correct nutrient deficiencies or meet seasonal crop demands.

DAP

MOP

TSP

COMPOUND PKS

Our range of compound PKS fertilisers (Phosphorous, Potash and Sulphur) are uniform in nutrient analysis, density, shape and size range.

PKPlus

00-19-27+10.3%SO₃+14.1% CaO

MSP PhosPlus

00-30-05+17.5%SO₃+2.0MgO+21.5CaO

Polysulphate

00-00-14.2+50.1SO₃+17.9CaO+6.2MgO

PotashPlus

00-00-37+23SO₃+3MgO+8CaO

NPK POLYSULPHATE BLENDS

Polysulphate's high granular strength means there is less likelihood of dust during production and handling. Other custom blends can be produced to meet individual customer requirements.

23-00-00 +7%SO₃ +4.3%CaO

14-04-37-03 +15%SO₃

15-15-15 +7.5%SO₃

13-08-22 +7%SO₃+CaO

10-20-20 +12%SO₃

10-18-24 +8.5%SO₃

10-14-21 +13%SO₃

05-24-24 +7%SO₃

06-20-30 +6.4%SO₃

MSP SIZE MATCHED BLENDS

41%N 12%SO₃

38%N 19%SO₃

30%N 39%SO₃

26%N 12%SO₃

24%N 30%SO₃

24-12-00 +7.5%SO₃

21-00-12 +6%SO₃

20-10-10 +7%SO₃

16-09-18 +7%SO₃

15-15-15 +7%SO₃

14-14-21 +7%SO₃

10-30-20 +5%SO₃+3.3%CaO

10-25-25 +4%SO₃

09-15-15 +0.3%B +7%SO₃

05-20-30 +5%SO₃ +5%CaO

00-21-21+12.4%SO₃+15%CaO

00-15-32+9%SO₃+11%CaO

NITROGEN GRADES

LAT Nitrogen 33.5% Granular AN

LAT Nitrogen 27%N + 10%SO₃
Granular

Alzon neo-N 46% Urea (N inhibitor +
Urease inhibitor)

MSP 27 27%N Granular

Ammonium Sulphate 215N 60%SO₃



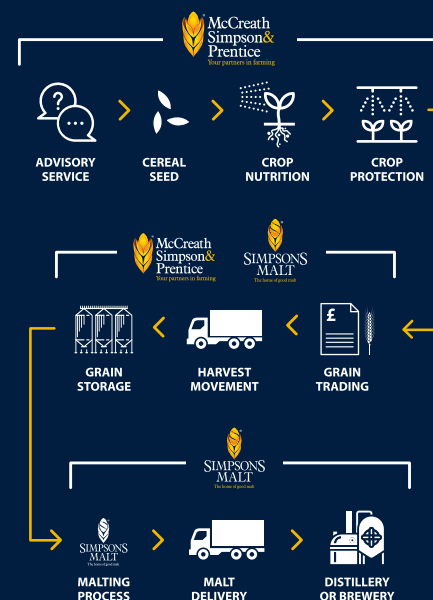
LOW CARBON FERTILISERS

In having Simpsons Malt integrated within our business it has enabled us to work more closely with our supply chain to tackle our Scope 3 emissions. Fertiliser production and application accounts for more than 40% of the on-farm carbon footprint for malting barley and distilling wheat.

We endeavour to ensure the fertilisers we purchase are sourced from only the most efficient facilities that use abatement technology and only enter supplier relationships with businesses committed to sustainability. This is especially important to us, as in many cases with malting barley, we are purchasing back crops from farms we have supplied fertiliser to for malting at Simpsons Malt.

As a result, since 2024, alongside some of our malting barley and distilling wheat suppliers, we have trialled low-carbon fertilisers made with biomethane instead of fossil gas, which significantly reduces the carbon footprint of fertiliser compared to a standard, grey-based product.

This is a stepping stone in the move to green ammonia based fertilisers, which we hope to have access to by 2030.



DISTRIBUTION AGREEMENTS

We are delighted to have created long standing distribution agreements with some of the world's leading fertiliser brands, who help us deliver our comprehensive fertiliser service, while also sharing our sustainability values.

This has been particularly crucial in recent years when external shocks have caused global supply chains to tighten. By maintaining strong relationships with a small number of trusted suppliers, we have been able to guarantee the supply of high-quality fertilisers to our customers.



YARA UK

Yara UK is a world leader in the production of quality fertilisers with sustainability an integral part of everything they do.

Our agreement with Yara UK provides our customers full access to their quality crop nutrition product range, which supports our FACTS qualified Farm Traders to advise on best nutrition practice.

Through Yara, we can provide our farming customers with:

- Nitrogen fertiliser (YaraBela range)
- NPKS fertilisers (YaraMila range)
- Low-carbon fertilisers
- Micronutrients (YaraVita range)
- Yara's digital farming tools such as Yara N-Sensor, BT N-Tester and Atfarm



Knowledge grows



OCI GLOBAL

OCI Global is a leading Dutch producer and distributor of ammonia, nitrate fertilisers and hydrogen solutions and the world's largest producer of melamine.

They share our commitment to sustainability and play a key role in the global transition to clean energy by decarbonising food, fuel and feedstock through cleaner hydrogen-based products and sustainable solutions.

Through this partnership with OCI Global, we source bulk products which are then used to make our high-quality fertiliser blends (as seen on page 5).



OCI Global



ICL FERTILIZERS UK

ICL Fertilizers UK has been mining and producing high-quality fertilisers for more than 50 years, offering multiple grades and formulations that are delivered economically.

They were the first and only company in the world to commercially mine polyhalite (marketed today as Polysulphate™). This naturally occurring multi-nutrient sulphate fertiliser containing sulphur, potash, magnesium and calcium has been proven to improve crop quality and deliver growers increased yields and profits.

The following ICL products are available to our farming customers:

- **Granular Triple Super Phosphate**
- **Granular Potash**
- **Polysulphate**
- **PotashpluS**
- **Granular PK**
- **Granular PKpluS**

ICL



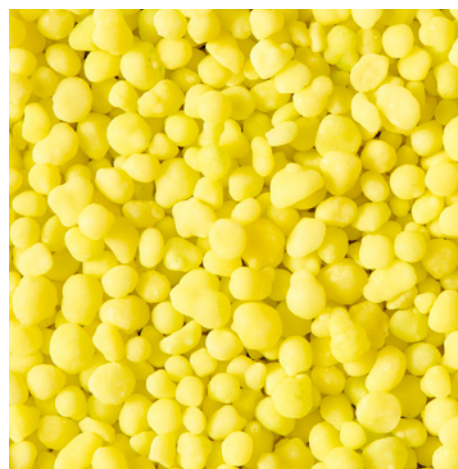
SKW PIESTERITZ

SKW Piesteritz is Germany's largest producer of ammonia and urea, manufacturing specialised agrochemical and industrial chemical products.

We are proud to be the sole supplier of SKW Piesteritz's Alzon neo-N throughout our trading area. This is a high-quality uncoated, incorporated dual nitrification and urease inhibited granular urea product, with a high nutrient content boasting 46% urea.

Alzon neo-N is designed to meet the challenges of modern-day farming, particularly extreme weather conditions. The nitrification inhibitor can reduce nitrate leaching from the root area by up to 50% and the urease inhibitor reduces the risk of higher ammonia losses almost completely.

skw.
PIESTERITZ



LAT NITROGEN

LAT Nitrogen is a leading European provider of nitrogen-based products in the fertiliser and industrial chemical market and is committed to investing in sustainable practices that continuously reduce its environmental footprint.

Through our agreement with LAT Nitrogen, we can offer our farming customers consistent access to premium nitrogen fertilisers that deliver reliable performance.

This partnership with LAT Nitrogen enables us to supply our customers with:

- **Ammonium Nitrate (AN)**
- **27N 10SO3**

LAT Nitrogen



CUSTOMER TESTIMONIALS

"The quality and spreadability of the fertiliser I get from MSP is excellent, and it's backed up by great service. Darren always phones ahead to make sure the day and time suit me, rather than just calling on the day to say they're on their way."

Graham Letham, R J Letham & Sons

"I've been a customer of MSP all my life because the products and services provided are second to none. I use an MSP fertiliser blend on my grain which is consistent and fulfils the requirements of the soil."

David Waldie, Messrs D & J Waldie

"My farm trader is always on hand and happy to answer any fertiliser related questions. Since I started using MSP fertiliser blends I've been really impressed with the consistent quality."

Stewart Mackie, S & K Mackie

"MSP's fertiliser quality is consistent year after year. They're always on the ball, with products readily available whenever we need them. We never buy fertiliser from anywhere else because we always get the best service."

Ali Baillie, Rock Farms Ltd

"The communication and relationships we have with our Farm Trader Gary Johnston and the wider MSP team are second to none. We've used MSP fertilisers for many years and are continually impressed by the consistent cleanliness of the product, which we believe gives our crops the best start."

Ken Burnett, S P Burnett & Son



McCreath Simpson & Prentice
(a trading division of Simpsons Malt Ltd)
Tweed Valley Maltings,
Berwick-upon-Tweed, TD15 2UZ
Tel: 01289 330022
fertiliser@mspagriculture.co.uk