

# Thomas Bell & Sons Ltd

Fertiliser Importers

IMMINGHAM | NEWPORT | IPSWICH



[www.thomas-bell.co.uk](http://www.thomas-bell.co.uk)

# ABOUT US

Established in 1878, Thomas Bell and Sons Ltd have been importing quality fertilisers for over forty years, and were pioneers in the introduction of big bags. Thomas Bell import and supply a large range of quality fertilisers into major ports throughout the UK.

Having built the business over many years, we are now the largest privately owned independent importer of fertilisers in the UK. We supply fertiliser direct to farm, buying groups and merchants nationwide.



**1930's:** Thomas Bell & Sons - Millers of Brigg.



**1930's:** Millers, Corn & Cake Merchants, Poultry Food Providers.

# OUR HISTORY

**1878** Local agricultural millers and grain merchants

**1930** Diversified to general agricultural merchants

**1950** Growth with further expansion into supplying feed, fertilisers and seed

**1970** Started importing fertiliser with 70,000 sq ft of warehousing facilities and expansion in our transport network with a fleet of 10 lorries. At this time we were packaging 100,000 tonne of IBC bagged product.

**1990** Expansion from local merchants to national suppliers of imported quality fertilisers.

**2000** Growth continues in our product portfolio ensuring we deliver quality and cost effective alternatives to the agricultural trade.

**2015** Investment into state of the art blending plant, 150,000 sq ft of undercover storage at ABP Immingham

**2017** Introduction of 20 lorries to increase and control service levels.

**2024** Expansion into the South West, with fertiliser storage and blending facilities at Newport, complementing existing operations at Immingham, Grimsby and Sharpness.

**COMING SOON** Operations at Ipswich



**1950's:** Thomas Bell & Sons Agricultural Merchants.



**1970's:** 70,000 sq ft of warehousing facilities, Brigg, North Lincolnshire.



**2015:** Blending operations at ABP Immingham.



**2017:** Introduction 20 lorries to increase service levels.



# OUR VALUES

Despite being at the forefront of importing, supplying and manufacturing high quality fertilisers, we are dedicated to providing an excellent customer service. We believe in old fashioned values and deal with people at a personal level.

## We are different

We are passionate about caring for our customers and this attribute is shared by all of our employees. We treat customers in a way that is unique, which sets us apart from many of our competitors. As one of our customers, you will always deal with a member of staff you know and have regular contact with.





# OUR MISSION

We are committed to providing a comprehensive range of high quality fertilisers including Ammonium Nitrate, Granular and Prilled Urea, N,P,K compounds, blends, salt mixes and straights.

## Supporting you

We strive to deliver all of your fertiliser needs with a skilled team of staff ensuring support is there whenever you need it. With the right products, they can advise you on which grade to use.

## Direct from 'port to farm'

Our in house team manage and control the movement of all our products throughout the UK. We strive to ensure these products arrive efficiently by FIAS accredited hauliers.

## What makes us different?

- Competitive solutions
- Efficient distribution
- First class customer service
- A passion for quality results
- Direct delivery from 'factory to farm'



All grades of fertilisers available from our  
**NEW** facility at **Newport, South Wales**



Supporting farmers  
across Wales and  
South West of England

**IPSWICH**

# Expansion into East Anglia



Ipswich

**FIND OUT MORE**

Talk to us **01652 652933**  
or visit **[www.thomas-bell.co.uk](http://www.thomas-bell.co.uk)**

# OUR PRODUCTS

## AMMONIUM NITRATE

We supply imported Prilled and Granular Ammonium Nitrate which is perfect for use throughout the fertiliser season.

### PRILLED

- **LITHAN®** can achieve spread patterns up to bouts of 36 metres.

- **PULAN®** spreads evenly to bouts of 24m

Both have been tested and confirmed by SCS Spreader & Sprayer Testing Ltd, the UK's leading spreader calibration service.

### GRANULAR

**megAN 33.5N** from Grupa Azoty is a premium fertiliser can achieve spread patterns up to 50 metres with the correct settings.

## AMMONIUM SULPHATE

High quality fertiliser for crops with a high demand for sulphur, our range includes Ammonium Sulphate Select, Domogran and Select Crystals.

## GRANULAR UREA

Diamond Fertilisers Granular Urea is of the highest standard and from reputable manufacturers.

- Granulometry 2 - 4mm
- Spreads accurately up to 32 metres

## GRAN UREA + SULPHUR

We also provide size matched Granular Urea and Sulphur grades such as for 40N 14SO<sub>3</sub>, 38N 19SO<sub>3</sub> and 33.5N 30SO<sub>3</sub>

## UREASE INHIBITOR

- **N-SHIELD®** fertilisers protected by **Limus®** a urease inhibitor which offers a range of benefits to farmers

## PRILLED UREA

A competitive source of N, ideal for pneumatic spreader application or liquefying.

- Granulometry 1 - 3mm
- Consistent high quality material

## COMPOUNDS, STRAIGHTS & BLEND

### COMPOUNDS

- Diamond Fertilisers 27N 12SO<sub>3</sub> can achieve spread patterns up to 54 metres.

- Diamond Fertilisers 26N 37SO<sub>3</sub> can achieve spread patterns up to 48 metres.

### STRAIGHTS

- MOP - TSP - DAP - CAN - MAP - SOP and SUPA KIESERITE®

- Salts, Sylvinit and all other micro-nutrients

### BLEND S

Our blended fertilisers, manufactured under our own brand '**Diamond Fertilisers**' are formulated with the best raw materials sourced from around the world. All blends are double screened and oil coated to provide a dust-free and free flowing product, assisting shelf-life and spreadability.

- Typical analysis such as 20.10.10 + 8S<sub>03</sub>, 25.5.5, 16.16.16, 23.0.13 + 8 0.24.24, 0.18.36 or tailor-made blends available on request.



# Pulan<sup>®</sup>

**Brought to you by Grupa Azoty** the second largest producer of nitrogen fertilisers in the EU

"This product spreads as accurately as any prilled Ammonium Nitrate on the market"  
Rob Foxall, SCS Spreader & Sprayer Testing Ltd.

Available in 600kg bags containing min. 30% recycled material

## Spreading test results

### General Data

Spreader type	Amazone ZA-M Ultra	Spreader width (m)	24 metres
Spread setting	23/44	Forward Speed	10 kph
Spreader height (cm)	80	Wind speed	Force 0-1

### Fertiliser Data

Granule Size (mm)	<2	<2-3.3	<3.3-4.74	<4.75
Spread setting	15	85	0	0
PTO/Disc Speed	1.06 kg/litre			
Spreader height (cm)	0.5 to 1.5 kg force			

Spread Width 24 metres

C. of V (%) 6.61

Co efficient of Variation measures the accuracy of the spread pattern. A figure below 10% is acceptable, between 10% and 20% is not ideal and above 20% is unacceptable







# LITH AN

**Brought to you by Achema** a reliable and leading producer of nitrogen fertilisers

Lithan 34.4%N Ammonium Nitrate capable of being spread up to **36 metres**, subject to correct spreader settings and weather conditions.

Available in 600kg or 1000kg bags

## Spreading test results

### General Data

Spreader type	Amazone ZA-TS	Spreader width (m)	36 metres
Disc/Vane type	TS3	Application rate setting	200kg/ha
Spread setting	40	Forward Speed	10 kph
PTO/Disc speed (R.P.M)	900	Crop/Ground conditions	Grass
Spreader height (cm)	80cm from side of disc	Wind speed	Force 0-1

### Fertiliser Data

Size Analysis (mm)	0-2	2-3.3	3.3-4.74	>4.75
Average	5	95	0	0
Bulk Density (kg/l)	0.97 kg/litre			
Spreader height (cm)	80			

Spread Width 36 metres

C. of V (%) 8.27


Co efficient of Variation measures the accuracy of the spread pattern. A figure below 10% is acceptable, between 10% and 20% is not ideal and above 20% is unacceptable





# megAN™ 33,5

## MEGA nitrogen in MEGA granules

 megAN™ 33,5 is a premium quality Granular Ammonium Nitrate brought to you by Grupa Azoty, the manufacturers of Pulan®.

Larger granules for even spreading **up to 50 metres** with the correct settings

Available in 600kg and 1000kg big bags

### Spreading test results

#### General Data

Spreader type	Amazone ZA-TS	Spreader width (m)	50 metres
Disc/Vane type	TS3	Application rate setting	250kg/ha
Spread setting	45	Forward Speed	10 kph
PTO/Disc speed (R.P.M)	900	Crop/Ground conditions	Grass
Spreader height (cm)	80	Wind speed	Force 0-1

#### Fertiliser Data

Granule Size (mm)	<2	<2-3.3	<3.3-4.74	<4.75
	0	15	85	0

Bulk Density 0.89 kg/litre

#### Fertiliser Data

Spread Width	50 metres
C. of V (%)	10.05

Please use these settings as a guide. We fully recommend your spreader is calibrated for both application rate and spread patterns.





**DIAMOND**  
FERTILISERS



## QUALITY BLENDS, STRAIGHTS & COMPOUNDS

Diamond Fertilisers blends, straights and compounds are responsibly sourced from around the world to ensure the end product maintains a high standard. Our state of the art blending plants include the latest precision measurement technology with multi-hopper conveyor systems and double screening to improve production efficiency, provide optimum product quality, assist shelf-life and spreadability.

### **OIL COATED**

The quality of the fertiliser is enhanced with an oil coating which is applied during the blending process, so farmers can be confident when they come to use the fertiliser it will be in a prime and free flowing condition.

### **DOUBLE SCREENED**

Care and attention is key during the production and all grades are double screened to enhance the quality.

### **PACKAGING & STORAGE**

All Diamond Fertilisers products are packed in high quality 600kg or 1000kg bags. All bags are stored undercover. Bag weights are checked and recorded regularly during production.

## PRODUCT RANGE

- Granular NPK Fertilisers
- Ammonium Sulphate
- ASN 26N 37SO<sub>3</sub> and 27N 12SO<sub>3</sub>
- Muriate of Potash (MOP)
- Triple Super Phosphate (TSP)
- Diammonium Phosphate (DAP)
- SUPA KIESERITE® (MgSO<sub>3</sub>)
- Calcium Ammonium Nitrate (CAN)
- Granular and Prilled UREA
- N-SHIELD® fertilisers protected by Limus®
- Urea Sulphur Blends
- Custom blends available on request

Situated in the heart of the UK with operations at

# IMMINGHAM, NEWPORT & IPSWICH

- Ability to discharge cargoes up to 25,000 tonnes
- Undercover storage for bulk and bagged fertilisers
- COMAH licenced storage facilities
- Dedicated state of the art blending facilities





# STRAIGHTS



## MOP

**Bulk Density:** 1040kg/m<sup>3</sup>  
**Composition:** 60K2O

Muriate of Potash (MOP) is most commonly called potash or potassium chloride. MOP typically contains 60% potash and is the most widely used form of potash.



## TSP

**Bulk Density:** 975 kg/m<sup>3</sup>  
**Composition:** 46 P2O5

Triple Superphosphate (TSP) typically contains 46% phosphate. Phosphorus is vital for photosynthesis to occur, the process by which plants convert sunlight into sugars.



## DAP

**Bulk Density:** 960 kg/m<sup>3</sup>  
**Composition:** 18N 46P

DAP is produced combining phosphoric acid with ammonia. It contains 18% nitrogen and 46% phosphorus pentoxide. It is a granular fertiliser which can be applied direct or used as part of a blend.



## CAN

**Bulk Density:** 1000 kg/m<sup>3</sup>  
**Composition:** 27N

CAN is a reliable granulated fertiliser consisting of a total 27% nitrogen. Can be used as a straight or part of a blend. Available in bulk, 600kg or 1000kg bags.



# SUPA KIESERITE®

## 27MGO 50So3

**Characteristics:** White/Yellow.

### CHEMICAL AND PHYSICAL VALUES

MgSO <sub>4</sub> H <sub>2</sub> O	100%
MgO (Total)	> 27%
MgO Water Soluble in water	> 25% (= Mg 15.1%)
SO <sub>3</sub> (Total)	>51.2% (= S 20.48%)
S Water-Soluble Sulphur Trioxide	= 20.48%

This product is water soluble and can be applied to all crops. It is available to plants at all PH levels.

Available in Bulk, 600kg or 1000kg.

## Fact and Benefits

- **SUPA KIESERITE®** is suitable for use on all crop types.
- The nutrients are in a form that is immediately plant available.
- Sulphur is essential to plants for amino acid and protein production.
- Magnesium is essential to plants as a constituent of chlorophyll.
- Great for use in situations where Magnesium is deficient.
- Fantastic spreading characteristics due to size and density of granules.





DIAMOND  
FERTILISERS



# 26N 37S03

## Quality and Performance

**More efficiency** - lower losses due to volatilization vs. fertilisers formulated with ureic Nitrogen.

**Higher profit** - balanced top-dressing fertilisation due to different release of Nitrogen.

**Best balance** - nitrogen and sulphur 100% absorbed and supplied together.

**Top performance** - promotes the absorption of soil micronutrients due to its nitric nitrogen and sulphur. Will spread to bouts of **48 metres** with the correct settings.

Brought to you by **Fertiberia**



### Spreading test results for 26N 37S03

General Data			
Spreader type	Amazone ZA-TS	Spreader width (m)	48 metres
Disc/Vane type	TS3	Application rate setting	150kg/ha
Spread setting	45	Forward Speed	10 km/h
PTO/Disc speed (R.P.M)	900	Crop/Ground conditions	Grass
Spreader height (cm)	80cm from side of disc	Wind speed	5 km/h

Technical Specification	
TOTAL NITROGEN (N%)	26
NITRIC NITROGEN (N%)	6.5
AMMONIACAL NITROGEN	19.5
TOTAL SULPHUR TRIOXIDE (SO <sub>3</sub> )	37
Density (Kg/L)	0.85 kg/Litre







Brought to you by **Fertiberia**

# 27N 12S03



## Benefits and Differences

**Even application** - of all nutrients across the whole spreader bout width, which optimises nutrient use efficiency and crop response.

**Reliable** - consistent high quality, year on year.

**Balanced** - has the right balance of Nitrogen to Sulphur for all season use.

**Performance** - widths of **54 meters** are achievable with certain spreaders and in suitable weather conditions.



### Spreading test results for 27N 12S03

General Data			
Spreader type	Amazone ZA-TS	Spreader width (m)	54 metres
Disc/Vane type	TS3	Application rate setting	200kg/ha
Spread setting	44	Forward Speed	10 km/h
PTO/Disc speed (R.P.M)	900	Crop/Ground conditions	Grass
Spreader height (cm)	80cm from side of disc	Wind speed	5 km/h

Technical Specification	
TOTAL NITROGEN (N%)	27
NITRIC NITROGEN (N%)	13.5
AMMONIACAL NITROGEN	13.5
TOTAL SULPHUR TRIOXIDE (SO <sub>3</sub> , %)	12
Density (Kg/L)	1.07 kg/Litre





# BLENDS

NPK



PK



NPK + SO<sub>3</sub>



BLENDS	NPK'S
0.24.24	20.10.10 + 8So <sub>3</sub>
0.26.26	22.4.12 + 8So <sub>3</sub>
0.20.30	25.5.5 + 8So <sub>3</sub>
0.16.36	23.0.13 + 8So <sub>3</sub>
0.18.36	5.24.24
0.15.30	13.13.20
0.30.15	16.16.16

Diamond Fertilisers blends are a combination of nitrogen, phosphates and potash which provide nutrition that is right for your crops. All blends are oil coated to provide a dust-free and free flowing product, assisting shelf-life and spreadability.

Good crop nutrition will help you achieve maximum crop yields and future crop potential. Traditional blends are available or prescription blends are available upon request.

Available in 600kg and 1000kg



**Limus®** by BASF  
Urease Inhibitor

# N-Shield®

Increase Nitrogen Use Efficiency with **Limus®** by BASF



- Reduction in ammonia emissions by up to 98% and improvement in NUE
- Increased application timing flexibility
- Improves yield by 5% compared to unprotected urea\*
- Raises performance to the level of AN
- The only urease inhibitor with two actives (NBPT and NPPT) for optimal efficacy
- Store Limus for more than 12 months thanks to BASF formulation technology
- Applied to tried and trusted quality Granular Urea
- Evaluated for safety on soil health and no negative impact

#### PRODUCT RANGE

- Granular Urea • 38N + 19So3 • 40N + 14So3 and 33.5 + 30So3

Available in 600kg and 1000kg

#### Spreading test results for N-Shield Granular Urea

##### General Data

Spreader type	Amazone ZA-TS	Spreader width (m)	36 metres
Disc/Vane type	TS3	Application rate setting	250kg/ha
Spread setting	20	Forward Speed	10 kph
PTO/Disc speed (R.P.M)	900	Crop/Ground conditions	Grass
Spreader height (cm)	80cm from side of disc	Wind speed	2 km/h

\*Based on performance vs. Urea (N=107 trials, range of crops – Source BASF) \*\*Based on performance vs. Urea (N=6 trials, winter wheat, UK - Source BASF/ADAS)

\*\*Comparison of Limus vs. NBPT when applied at the same total ai concentration on the urea granules.





#### Technical Specification

Nitrogen content (as N)	10
Phosphate content (as P2O5)	15
P2O5 soluble in water	12
Potassium content (as K2O)	21
Sulphur content (as SO3)	20
Moisture	max 1.5
Granulometry	2-5mm

# 10.15.21 + 20So3

## A Balanced Fertiliser for Optimal Growth

A high-quality, multi-nutrient fertiliser designed for balanced plant nutrition.

**Boost Crop Yields** - this balanced nutrient mix encourages strong root systems, vigorous growth, and better-quality yields across a wide range of crops, including cereals, vegetables, and fruits.

**Supports Sustainable Farming** - with its high nutrient concentration, 10.15.21 + 20So3 compound reduces the need for multiple fertilizers, minimizing environmental impact and promoting sustainable farming practices.

For farmers looking to boost productivity, Diamond Fertilisers 10.15.21 + 20So3 offers a comprehensive solution that enhances plant growth, improves yields, and supports soil health.

Available in 600kg or 1000kg.





# TRANSPORT & LOGISTICS

**Our in house transport team are highly motivated and strive for excellence every day to provide our customers with a first class service.**

From the factory to your farm, we can deliver whatever, wherever, quickly and on time. This area of our business allows flexibility and the ability to adapt quickly to changes and support our customers needs. We offer delivery of full loads, part loads and multiple drop deliveries at relatively short notice.





# OUR SERVICES

## FERTILISER SECURITY

As a leading fertiliser merchant, under the Fertiliser Industry Assurance Scheme (FIAS), Thomas Bell & Sons Ltd have been accredited with the FIAS Merchants, Manufacturing and Haulage standard for Fertiliser. Under the terms of many of the Livestock and Arable Farm Assurance Schemes, fertiliser should be supplied by a FIAS accredited merchant, which gives full traceability of the products supplied.

FIAS meets all the criteria the Government has set for the security and traceability of all fertilisers. For more information contact one of our in house team.

## CALIBRATING YOUR SPREADER

We recommend that your spreader is calibrated separately for every product to be applied. We recommend SCS Spreader & Sprayer Testing Ltd - [www.spreadcheck.com](http://www.spreadcheck.com)



## SPREADER SETTINGS

To get the best results from your fertiliser you need the correct spreader settings. We can offer spreader settings for all of our products. Contact one of our team for more information or visit your spreader manufacturers website.



**LITH AN**

# More than just **AN** import

It's trusted, reliable and consistent

**SPREAD TESTED TO 36 METRES**

A reliable and consistent  
34.4%N Ammonium Nitrate



---

# Thomas Bell & Sons Ltd

---

F e r t i l i s e r   I m p o r t e r s



## **IMMINGHAM**

ABP Bulk Park  
Alexandra Road North  
North East Lincolnshire  
DN40 2QW

## **NEWPORT**

8 Shed  
North Side, South Dock  
Alexandra Dock  
Newport  
NP20 2NQ

## **IPSWICH**

Cliff Quay  
Ipswich  
Suffolk  
IP3 0BS

## **HEAD OFFICE**

Bigby Road  
Brigg  
North Lincolnshire  
DN20 8RA  
01652 652933  
[www.thomas-bell.co.uk](http://www.thomas-bell.co.uk)