





We know everything about micronutrients...

We produce fertilisers. We nourish plants.
We enhance crop productivity in Poland and throughout the world.
This has been our business for 30 years.

Activity



We produce fertilisers.

Complex nutrients and single nutrients. Liquid and crystalline. For foliar and soil application, fertigation, pre-plant broadcasting and side/top dressing. For application to agricultural crops, protected crops, soil/soilless crops, vegetables, ornamentals and orchard crops.



We support sustainable agriculture.

We help billions of people around the world to get more food of better quality.



We care about the global environment.

We share knowledge, we advise, we offer help and we solve problems. We value our partners.



We introduce innovations.

We develop new technologies and continuously register international patents that help us to create products of the highest quality.

Growth and Development

Constantly. Continuously.
Our commitment is long-term.

Start of business activity.

1990



1991

- Launch of the Basfoliar® brand in Poland.
- Signing of licence contract with BASF AG.

2002

- Purchase of shares in Zakłady Chemiczne 'Złotniki'.
- Production of **IDHA** biodegradable chelates begins. Global ADOB & Bayer patent.

2003

- Signing of global distribution agreement with ICL, SQM and YARA concerning magnesium sulphate and magnesium nitrate.

2008

- Global patent obtained for production technology of new chelating agent **HBED**.

2011

- Joined the International Zinc Association.
- Participation in the international 'Harvest Zinc' Project.

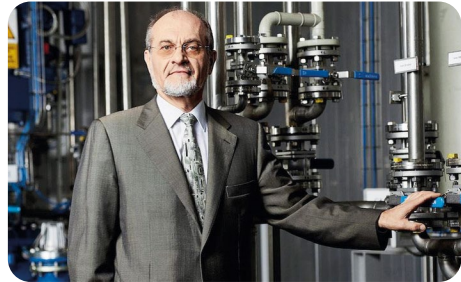
2012

- New **HBED** chelates ADOB® Fe **HBED** and ADOB® Zn **HBED** introduced to the market.

2013

- Launch of new '2.0' generation of fertilisers.

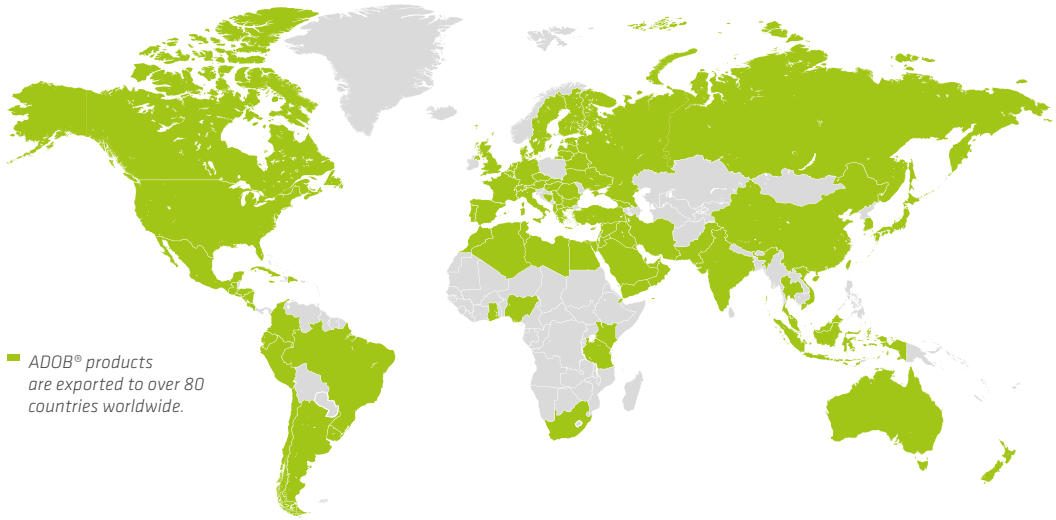
2020



Adam Nawrocki, ADOB® CEO.

These are some of the most important events in our corporate history.

There are of course many more...



■ ADOB® products are exported to over 80 countries worldwide.

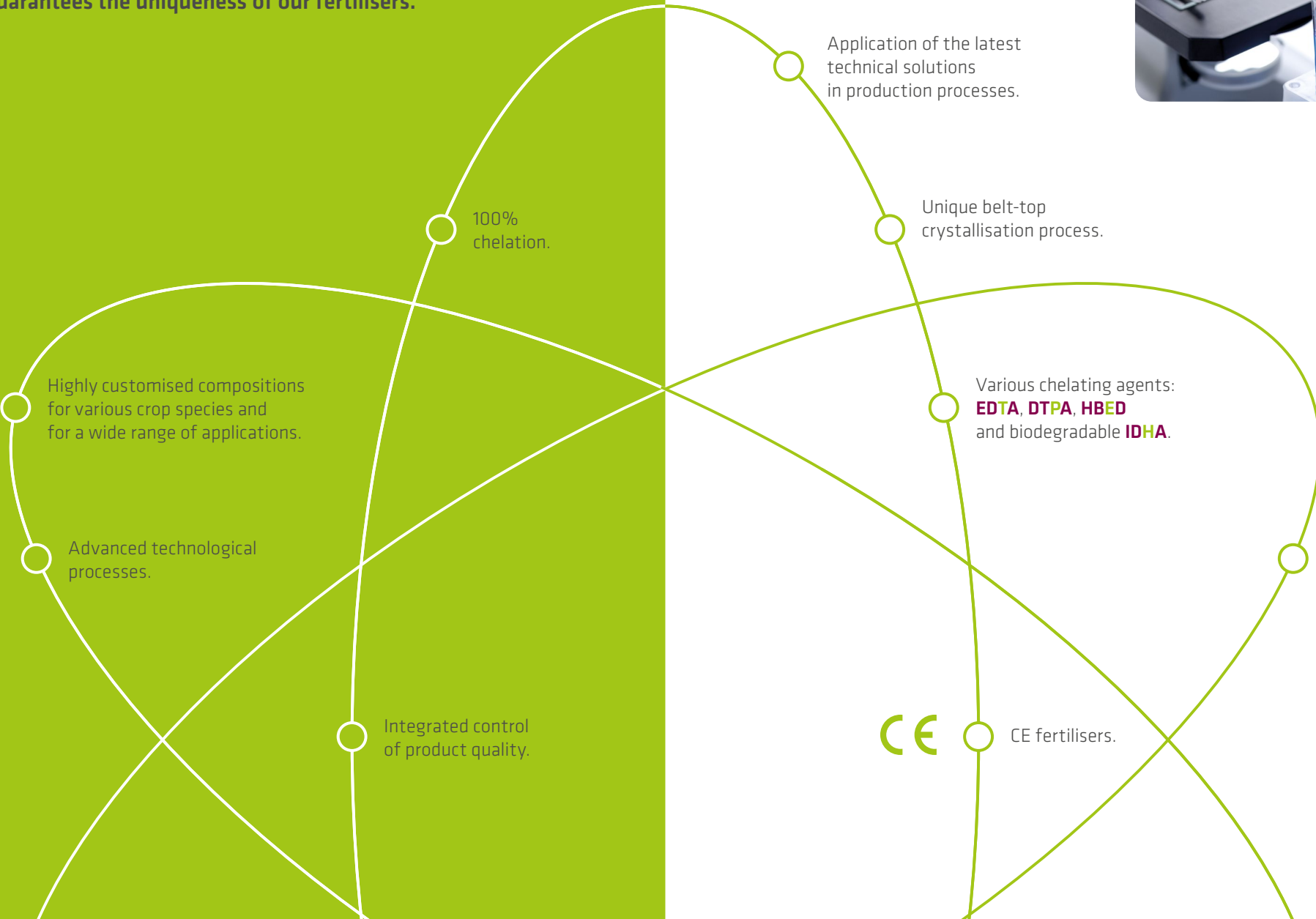


ADOB[®] Quality

Our quality is what distinguishes us and guarantees the uniqueness of our fertilisers.



Advanced technological processes.



Highly customised compositions for various crop species and for a wide range of applications.

Advanced technological processes.

100% chelation.

Integrated control of product quality.

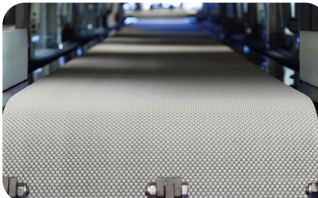
Application of the latest technical solutions in production processes.

Unique belt-top crystallisation process.

Various chelating agents: **EDTA**, **DTPA**, **HBED** and biodegradable **IDHA**.

Uniform and traceable batches.

CE fertilisers.



Unique belt-top crystallisation process.



Uniform and traceable batches.



ADOB[®]

The Power of Science

The power of science is our strength.

State-of-the-art chemistry helps us produce innovative, top quality fertilisers.



2 We participate in international research projects, as well as in national and international symposia and scientific congresses.



Regular participation in scientific events.



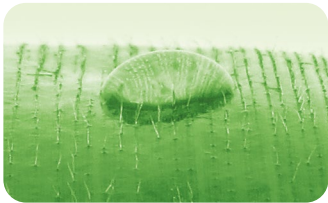
Knowledge and development is the basis of our activity.



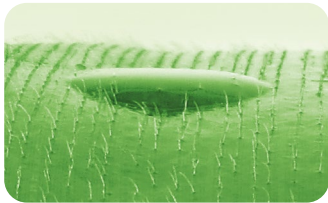
4 We have a modern laboratory and an established research and development department with twenty experienced and academically certified staff members.



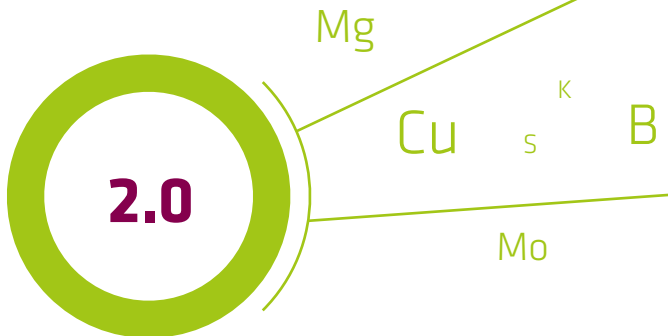
Our Identifying Characteristics



High surface tension of a droplet of a standard fertiliser.



Low surface tension of a droplet of 2.0 fertiliser.



Our **'Fertilisers 2.0' Technology** has been developed in cooperation with Sabancı University near Istanbul, and with Universidad Autonoma in Madrid. This technology has significantly improved the use of liquids for foliar nourishment of plants. It reduces the surface tension of fertiliser solutions and increases the contact area between the fertiliser and the leaf. This significantly enhances the availability, absorption and effectiveness of foliar fertilisation.



HBED is the most stable and effective chelating agent used in agriculture. It is highly effective when used on soils with a high and very high pH. Uniquely, it is the only product in the world with an iron concentration of 7% without isomers. **HBED** production technology is protected by a global ADOB® patent.



IDHA is a biodegradable chelating agent which decomposes by 75% within 28 days, turning into water and carbon dioxide exclusively. It is the only product of its kind in the world and is the result of several years of research and development activity with Bayer. **IDHA** is protected by an ADOB® & Bayer patent.



Microgranulated Products

A large proportion of our fertilisers benefit from this advanced formulation.
Their high effectiveness puts us at the forefront of fertiliser manufacturing.



ADOB® Zn HBED



ADOB® Fe IDHA



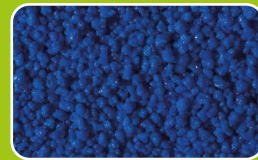
ADOB® FeK EDTA



ADOB® Cu EDTA



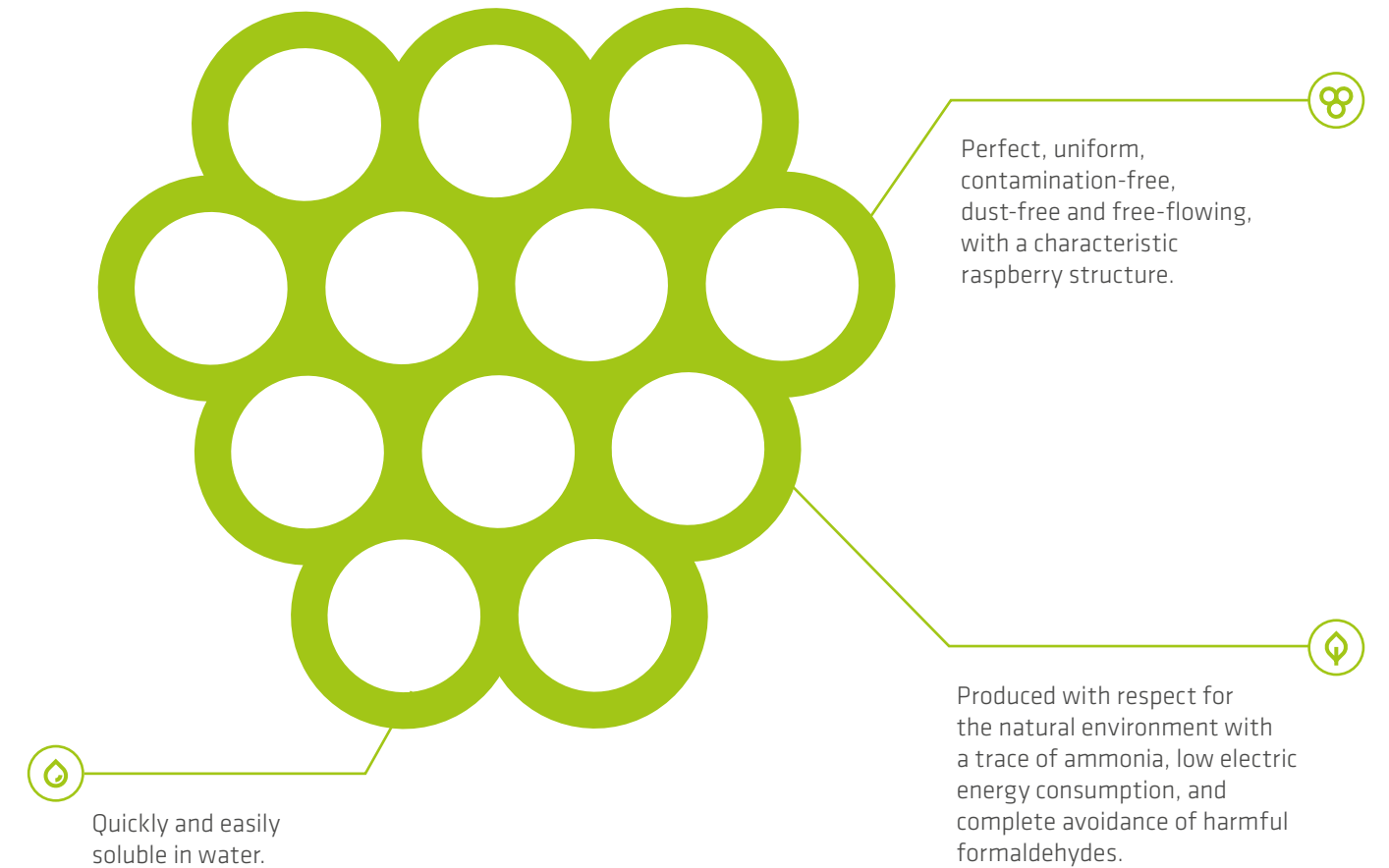
ADOB® 2.0 Zn IDHA



ADOB® Cu IDHA

A raspberry-shaped fertiliser granule

A diagram showing the structure of a single granule of our microgranular fertilisers:



ADOB® Fertilisers

Appreciated by thousands of farmers, in Poland and in 80 countries worldwide.

*Based on the market research study 'AGRIinsight Poland Foliar Fertiliser', Kynetec, 2019.

Basfoliar® 2.0

Multinutrient, liquid fertilisers used extensively in agricultural, vegetable and orchard crops, chelated by **IDHA**. Has been the number one foliar fertiliser brand in Poland for many years.

ADOB® NPK Foliar + micro

Crystalline, comprehensive NPK formulae, enriched with micronutrients and chelated by **IDHA**. For foliar fertilisation of agricultural, vegetable and orchard crops.

ADOB® ProFit + micro

Crystalline, comprehensive NPK formulae, enriched with micronutrients and chelated by **EDTA**. For foliar fertilisation of agricultural, vegetable and orchard crops, and for fertigation.

ADOB® ProFit + micro Fruits and Vegetables

Crystalline, comprehensive NPK formulae, enriched with micronutrients and chelated by **IDHA** and **DTPA**, for foliar fertilisation of vegetable and orchard crops and for fertigation.

ADOB® Boron Solubor® DF

Speciality, high performance boron fertilisers.

ADOB® Micro Cereals
ADOB® Micro Rapeseed
ADOB® Micro Maize
ADOB® Micro Sugar Beet
ADOB® Micro Potato
ADOB® Micro Grass
ADOB® Micro Legumes

Crystalline fertilisers specially customised for arable crops.

ADOB® 2.0 Cu IDHA
ADOB® 2.0 Mn
ADOB® 2.0 Mo

Liquid micronutrient fertilisers for agricultural and orchard crops.

ADOB® EDTA chelates

High quality liquid and microgranular fertilisers for soil application, fertigation, hydroponic management and foliar spray.

ADOB® IDHA chelates

Biodegradable, high quality liquid and microgranular fertilisers for soil application, fertigation, hydroponic management and foliar spray. Also available with "2.0" technology.

ADOB® DTPA chelates

High quality liquid and microgranular fertilisers for soil application, fertigation and hydroponic management at slightly alkaline conditions.

ADOB® HBED chelates

High quality Fe and Zn chelates for soil application, fertigation and hydroponic management at high pH conditions.

ADOB® Magnesium Nitrate
ADOB® Magnesium Sulphate
ADOB® Calcium Nitrate and derivatives

Specialty fertilisers of the highest quality: ADOB quality.

And many others...

Produced exclusively for our business partners in Poland and worldwide.



Our Portfolio

Basfoliar® 2.0

Basfoliar® 2.0 12-4-6+S ■ Basfoliar® 2.0 34 ■ Basfoliar® 2.0 36 Extra ■ Basfoliar® 2.0 6-12-6

ADOB® ProFit + micro

ADOB® ProFit 10-40-8 + micro ■ ADOB® ProFit 18-18-18 + micro ■ ADOB® ProFit 4-12-38 + micro

ADOB® ProFit + micro Fruits and Vegetables

ADOB® ProFit 10-40-8 + micro F&V ■ ADOB® ProFit 18-18-18 + micro F&V ■ ADOB® ProFit 4-12-38 + micro F&V

ADOB® NPK Foliar + micro

ADOB® NPK Foliar 10-40-8 + micro ■ ADOB® NPK Foliar 20-20-20 + micro ■ ADOB® NPK Foliar 4-12-38 + micro

ADOB® Boron ■ Solubor® DF

ADOB® Micro Cereals ■ ADOB® Micro Rapeseed ■ ADOB® Micro Maize ■ ADOB® Micro Sugar Beet ■ ADOB® Micro Potato

ADOB® Micro Grass ■ ADOB® Micro Legumes

ADOB® 2.0 Mn ■ ADOB® 2.0 Mo

ADOB® 2.0 IDHA chelates

Liquid: ADOB® 2.0 Cu IDHA – 4.5% ■ ADOB® 2.0 Fe IDHA – 3% ■ ADOB® 2.0 Fe IDHA – 3.8% ■ ADOB® 2.0 Zn IDHA – 4.4%

Crystalline: ADOB® 2.0 Ca IDHA – 10% ■ ADOB® 2.0 Mg IDHA – 7.5% ■ ADOB® 2.0 Cu IDHA – 10% ■ ADOB® 2.0 Fe IDHA – 9%

ADOB® 2.0 Mn IDHA – 9% ■ ADOB® 2.0 Zn IDHA – 10%

ADOB® IDHA chelates (also available as fertilisers 2.0)

Liquid: ADOB® Cu IDHA – 4.5% ■ ADOB® Fe IDHA – 3% ■ ADOB® Fe IDHA – 3.8% ■ ADOB® Zn IDHA – 4.4%

Crystalline: ADOB® Ca IDHA – 10% ■ ADOB® Mg IDHA – 7.5% ■ ADOB® Cu IDHA – 10% ■ ADOB® Fe IDHA – 9% ■ ADOB® Mn IDHA – 9% ■ ADOB® Zn IDHA – 10%

ADOB® EDTA chelates

Liquid: ADOB® Cu EDTA – 7.4% ■ ADOB® CuK₂ EDTA – 7% ■ ADOB® Cu(NH₄)₂ EDTA – 9% ■ ADOB® Fe EDTA – 5% ■ ADOB® FeK EDTA – 5.8%

ADOB® Fe(NH₄)₂ EDTA – 7.7% ■ ADOB® Mn EDTA – 5.8% ■ ADOB® MnK₂ EDTA – 6.1% ■ ADOB® Zn EDTA – 7.2% ■ ADOB® ZnK₂ EDTA – 6.7%

ADOB® Zn(NH₄)₂ EDTA – 9.3%

Crystalline: ADOB® Ca EDTA – 14% ■ ADOB® Mg EDTA – 10% ■ ADOB® Cu EDTA – 15% ■ ADOB® Cu(NH₄)₂ EDTA – 15.5% ■ ADOB® FeK EDTA – 13%

ADOB® Mn EDTA – 13% ■ ADOB® MnK₂ EDTA – 12.5% ■ ADOB® Zn EDTA – 15% ■ ADOB® ZnK₂ EDTA – 14.5%

ADOB® DTPA chelates

Liquid: ADOB® Fe(NH₄)₂ DTPA – 6% ■ ADOB® Mn DTPA – 3.5% ■ ADOB® Zn DTPA – 3.6%

Crystalline: ADOB® Fe DTPA – 7% ■ ADOB® Fe DTPA – 11% ■ ADOB® FeK DTPA – 11% ■ ADOB® Mn DTPA – 7%

ADOB® HBED chelates

Liquid: ADOB® Fe HBED – 3%

Crystalline: ADOB® Fe HBED – 7% ■ ADOB® Zn HBED – 7%

ADOB® Calcium Nitrate and derivatives

ADOB® Calcium Nitrate ■ ADOB® Calmag ■ ADOB® Calmag + Cu ■ ADOB® Calmag + Fe ■ ADOB® Calmag + Zn ■ ADOB® Calciplus ■ ADOB® Calcibor

ADOB® Calcizinc

ADOB® Magnesium Nitrate and derivatives

ADOB® Magnesium Nitrate ■ ADOB® Magboron ■ ADOB® Magplus ■ ADOB® Magzinc

ADOB® Magnesium Sulphate

ADOB® Magnesium Sulphate Dihydrate ■ ADOB® Magnesium Sulphate Heptahydrate

And many more...



Przedsiębiorstwo Produkcyjno-Consultingowe

ADOB Sp. z o.o.

ul. Kołodzieja 11, 61-070 Poznań, PL

phone: +48 61 650 31 66

email: office@adob.com.pl

www.adob.com.pl

www.adob.com.pl