



| INDUSTRY FACTS AND FIGURES 2018



THE EUROPEAN FERTILIZER INDUSTRY

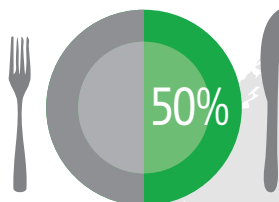


* average last 5 years

All figures presented throughout this brochure refer to the mineral fertilizer industry unless specified otherwise.

FERTILIZERS AND FOOD SECURITY

FERTILIZERS AND FOOD SECURITY



Today, fertilizers account
for 50%
of global food production

Fertilizers
are an integral
part of food
production.
Without them,
50% of the
world would
go hungry.



in 1960
2 people
were fed from
1 hectare
of land



in 2025
5 people
will need to be fed
from 1 hectare
of land



Source: Erisman et al, (2008) NatureGeo.

PRODUCTION OF MAIN FERTILIZER PRODUCTS

Raw materials

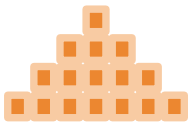
Interm



Air (N_2)

Natural gas

Ammonia



Phosphate rock

Phosphate concentrate

Sulphuric acid



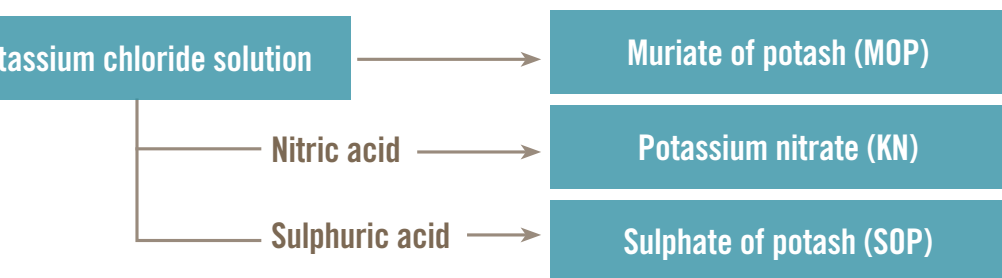
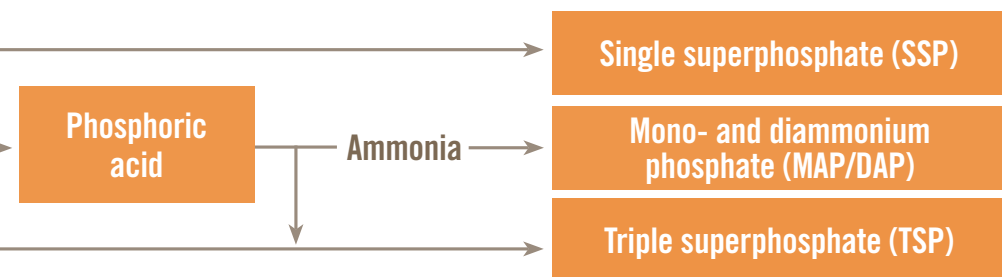
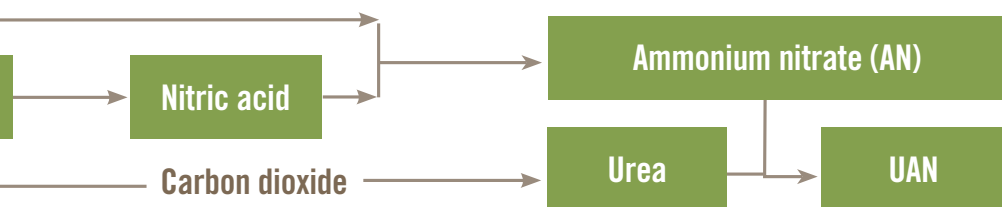
Potash rock

Potash concentrate

Po

Intermediate products

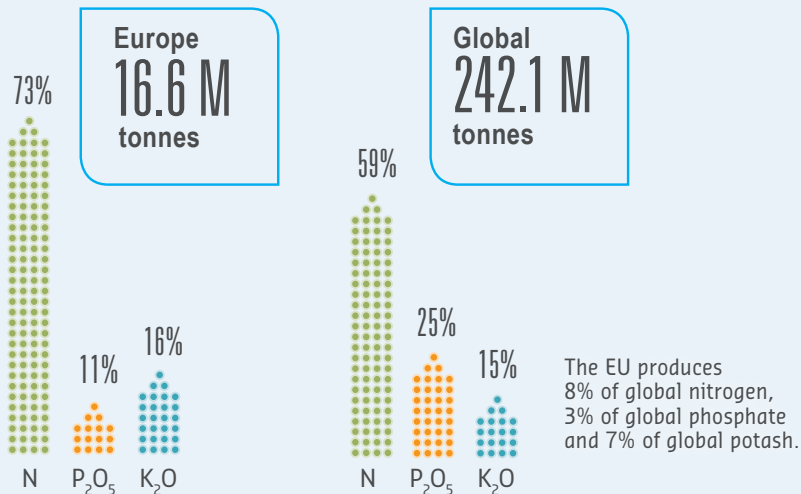
Mineral fertilizers



FERTILIZER PRODUCTION BY NUTRIENT

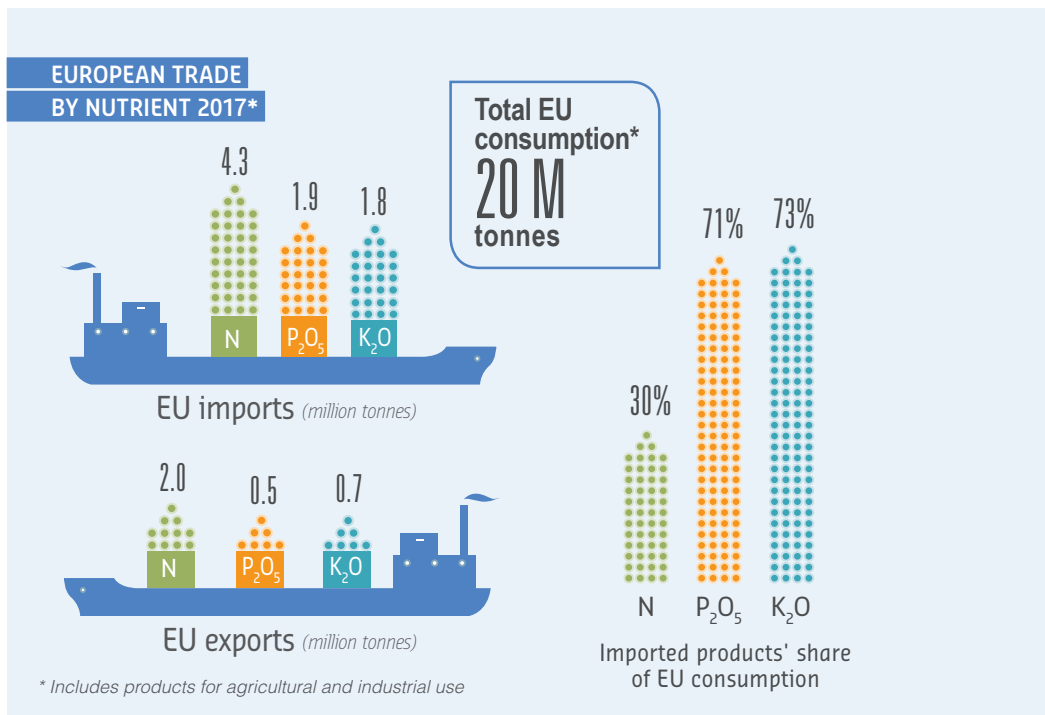
FERTILIZER PRODUCTION

BY NUTRIENT 2016



Source: Fertilizers Europe/IFA

FERTILIZER IMPORTS AND EXPORTS IN THE EU

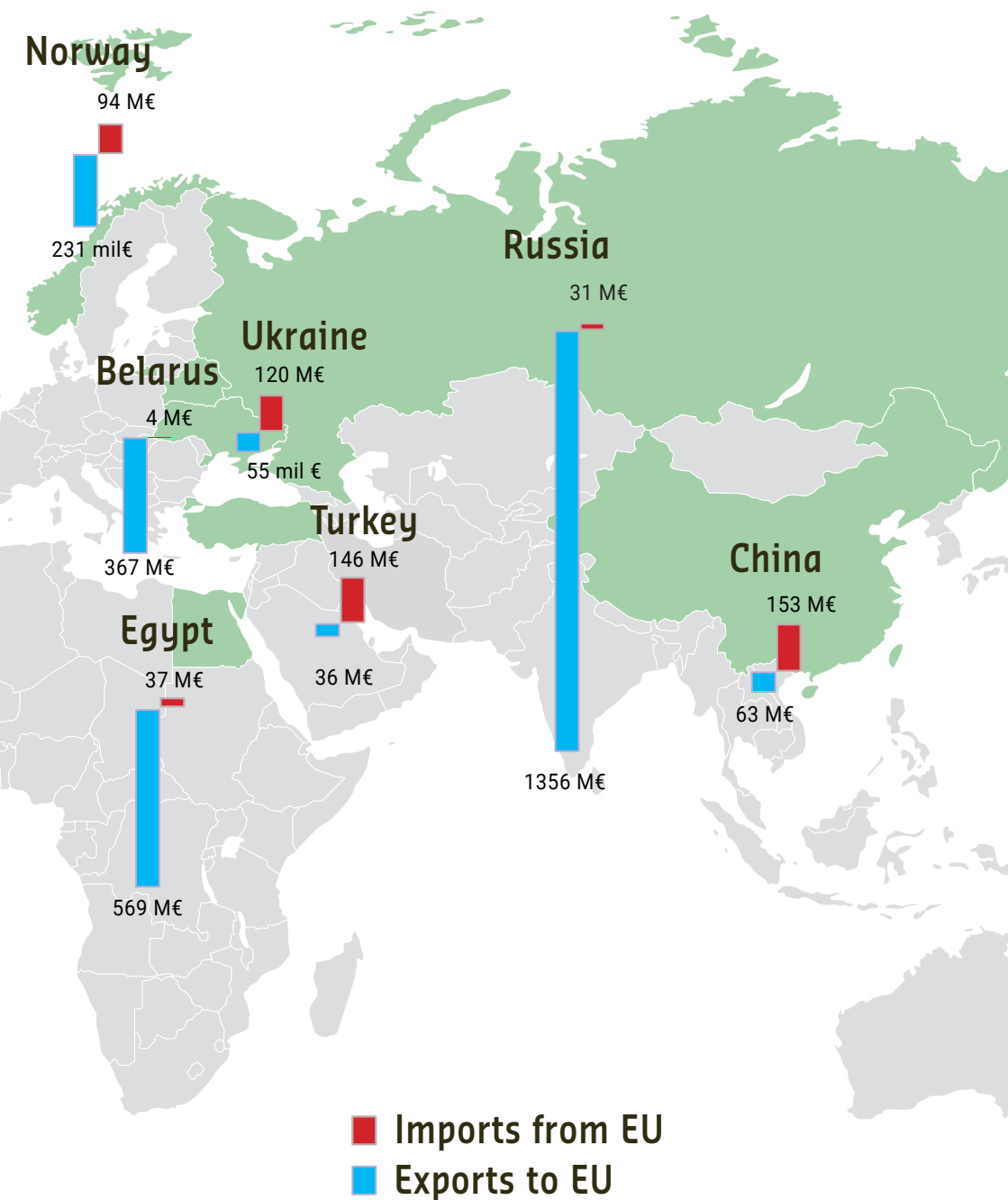


Source: Fertilizers Europe/Eurostat

EU KEY PARTNERS IN FERTILIZER TRADE*

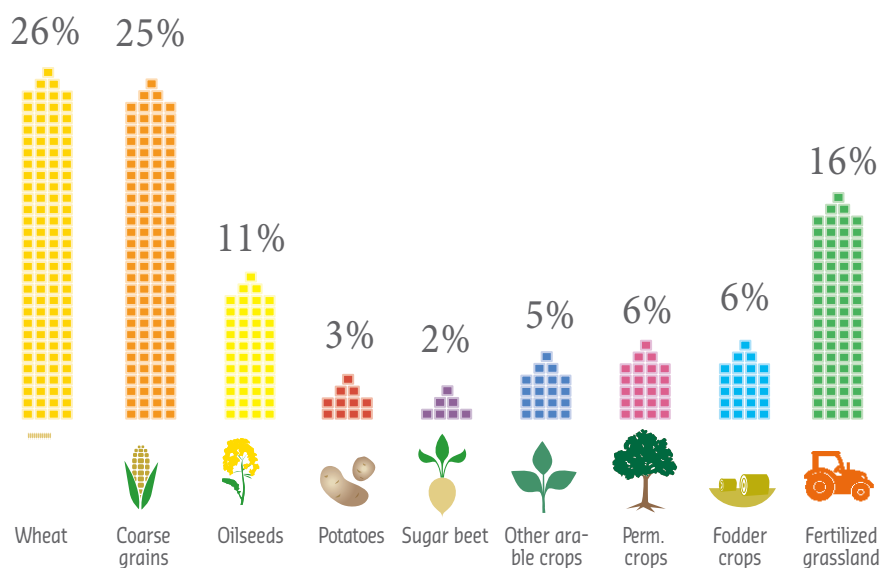


**Finished mineral fertilizer products*



Source: Fertilizers Europe/Eurostat

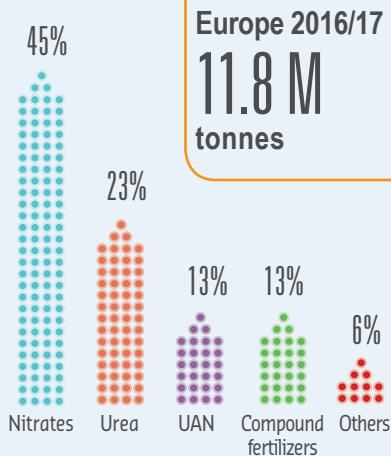
FERTILIZER CONSUMPTION BY CROP



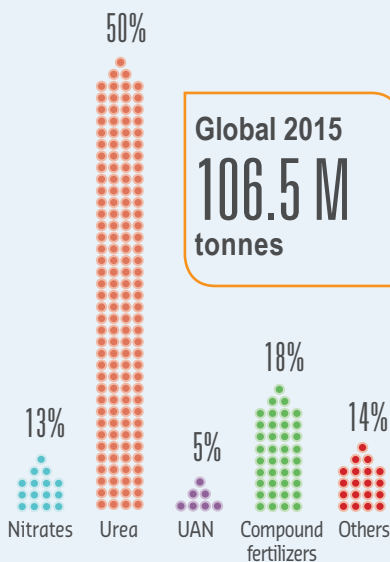
Source: Fertilizers Europe

NITROGEN FERTILIZER CONSUMPTION BY PRODUCT

EUROPEAN & GLOBAL NITROGEN CONSUMPTION BY PRODUCT*



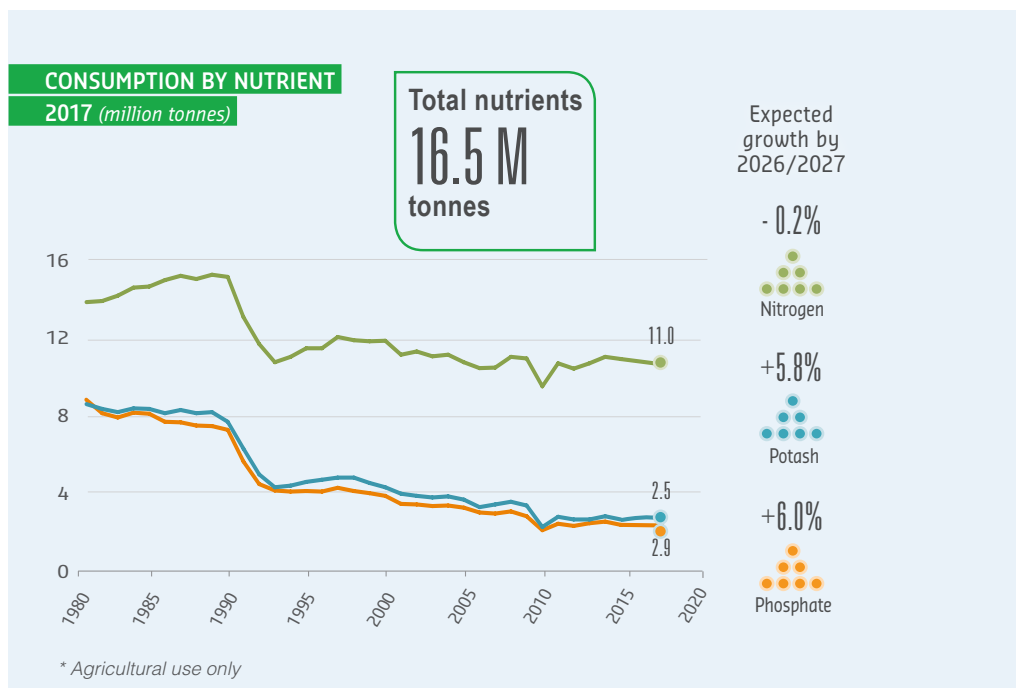
Global 2015
106.5 M
tonnes



* Agricultural use only

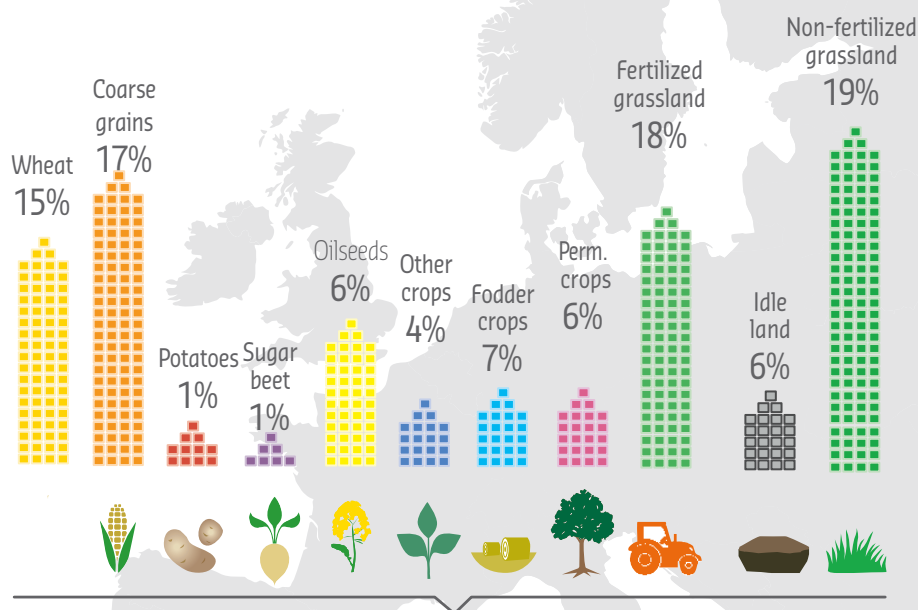
Source: Fertilizers Europe/IFA

FERTILIZER CONSUMPTION BY NUTRIENT



Source: Fertilizers Europe

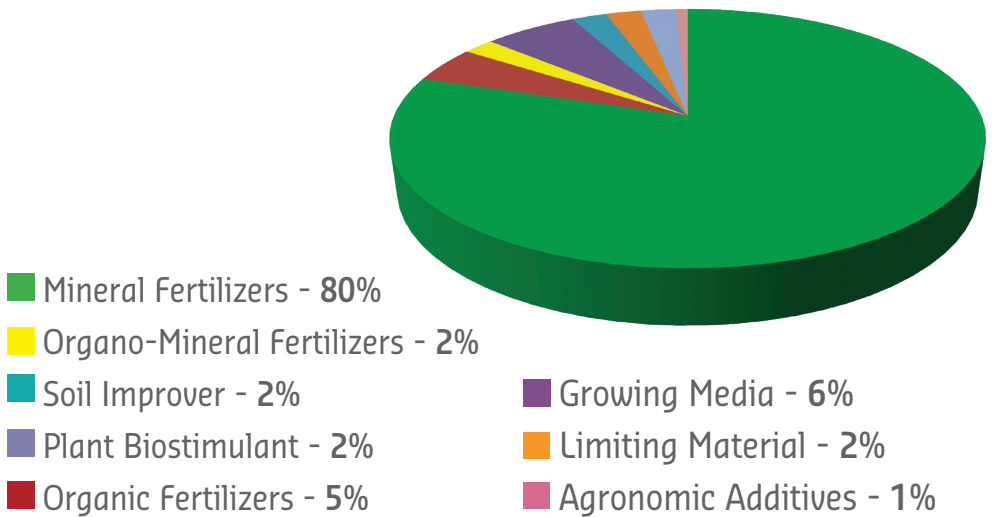
AGRICULTURAL LAND USE IN THE EU



178.9 million hectares
including **134.5** million hectares
of fertilized area

Source: Forecast of food and farming and fertilizer use in the European Union 2017-2027, Fertilizers Europe

MARKET VALUE OF FERTILIZING PRODUCTS



Source: European Commission

Fertilizers Europe Members

CORPORATE



AB Achema
Lithuania



Borealis AG
Austria



Grupa Azoty SA
Poland



Anwil SA
Poland



CF Industries
United Kingdom



PFIC LTD
PHOSPHORIC FERTILIZERS
INDUSTRY & CHEMICALS

PFIC LTD
Greece



OCI Nitrogen BV
The Netherlands



Azomures SA
Romania



Eurochem Antwerpen BV
Belgium



ICL Fertilizers Europe BV
The Netherlands



Petrokemija Plc
Croatia



The Chemical Company

BASF AG/Fertilizer BU Europe
Germany



Fertiberia SA
Spain & Portugal



Lovochemie as
Czech Republic



Yara International ASA
Norway



Nitrogénművek Zrt
Hungary



NKF s.a.
Greece

ASSOCIATIONS



AIC

Agricultural Industries
Confederation



ASSOFERTILIZZANTI

Associazione Nazionale
Fertilizzanti



IVA

Industrieverband Agrar e.V.



PIPC

Polish Chamber of the
Chemical Industry



ANFFE

Asociación Nacional de
Fabricantes de Fertilizantes



BELFERTIL

Belgian Mineral Fertilizer
Association



Meststoffen
NEDERLAND

Fertilizers Netherlands



UNIFA

Union des Industries
de la Fertilisation



Fertilizers Europe represents the majority of fertilizer producers in Europe and is recognised as the dedicated industry source of information on mineral fertilizers. The association communicates with a wide variety of institutions, legislators, stakeholders and members of the public who seek information on fertilizer technology and topics relating to today's agricultural, environmental and economic challenges. The Fertilizers Europe website provides information on subjects of relevance to all those interested in fertilizers contribution to global food security.

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