

Our Fertilization Solutions for Soil and Plant Health



OCP

NUTRICROPS



TRIPLE SUPER PHOSPHATE

TSP 0-46-0

**TSP provides a high
phosphorus
concentration
and calcium intake**

Triple Super Phosphate, more commonly known as TSP, is a preferred source of phosphorus in many agricultural regions around the world and has several benefits. It has the highest phosphorus content among straight phosphate fertilizers, which allows greater flexibility to meet specific phosphorus needs and to differentiate intakes according to the variable needs throughout the plant cycle. It also enables to adapt to the needs of precision agriculture. Over 90% of the total phosphorus in TSP is water soluble, making it readily available to plants.



PRODUCT FEATURES

PHYSICAL PROPERTIES

- Solid granular fertilizer generally spherical in shape
- Color : Variable shades of gray
- Available in bulk or in 50 kg bags

CHEMICAL PROPERTIES

- Phosphorus : 46 % (P_2O_5)
- Calcium : Min.10 % (Ca)
- Density : 1 to 1.05 Min
- pH = 3 Min
- More than 90% of phosphorus is soluble in water

PRODUCT BENEFITS



Highly soluble in water: Over 90% of the total P in TSP is water soluble, so it becomes rapidly available for plant uptake.



High concentration of phosphorus: It has the highest P content of dry fertilizers that do not contain N.



Versatile fertiliser used for a variety of crops and soils.



Straight phosphate fertilizer suitable for balanced nutrient management.



More than 10% of calcium in TSP helps to mitigate the Ca deficiency.




APPLICATION



MAIN USE

Promotes root growth and development.



SOIL TYPES

Broad range of soils

EXAMPLES OF CROPS

 <p>Soya</p>	 <p>Apples</p>	 <p>Alfalfa</p>	 <p>Tea</p>	 <p>Oil palm</p>
 <p>Wheat</p>	 <p>Beans</p>	 <p>Sunflower</p>	 <p>Coffee</p>	 <p>Pears</p>
 <p>Cotton</p>	 <p>Maize</p>	 <p>Legumes</p>	 <p>Grapes</p>	 <p>Rice</p>
 <p>Grassland</p>	 <p>Cocoa</p>			



DI-AMMONIUM PHOSPHATE

DAP 18-46

DAP provides complete P nutrition for any type of crops. It contains both nitrogen and phosphorus which are essential macronutrients.

DAP 18-46 Special Dark and Euro are two quality grades for DAP product that differ in terms of physical aspect to match with specific requirements.



PRODUCT FEATURES

PHYSICAL PROPERTIES

- Granular form
- Color : Variable shades of brown
- Available in bulk or in bags of 50 kg


CHEMICAL PROPERTIES

- Phosphorus : 46% (P_2O_5)
- Ammonia Nitrogen : 18% (N)
- Bulk Density = 0.9 to 1
- Tapped Density = 1 to 1.1
- Water soluble (20°C) : 588g/L
- pH = 7.5

PRODUCT BENEFITS




Soluble in water, allowing plants to quickly absorb the nutrients they need.



The ammoniacal nitrogen in DAP promotes faster and more efficient plant growth, minimizing losses.



High concentration of phosphorus and nitrogen.



Versatile fertilizer, used for a variety of crops and soils.



APPLICATION



MAIN USE

Source of phosphorus and nitrogen.

It dissolves quickly in the soil to release phosphorus and ammonium in forms available to plants.
















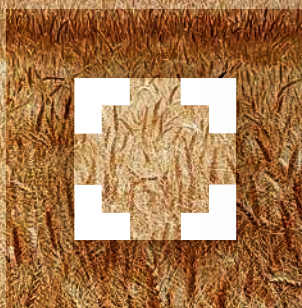
SOIL TYPES

Broad range of soils



EXAMPLES OF CROPS

 <p>Vegetables</p>	 <p>Wheat</p>	 <p>Maize</p>	 <p>Rice</p>	 <p>Grassland</p>
 <p>Cotton</p>	 <p>Citrus</p>	 <p>Potato</p>	 <p>Sunflower</p>	 <p>Sugar cane</p>
 <p>Sugar beet</p>	 <p>Barley</p>	 <p>Sorghum</p>		



MONO-AMMONIUM PHOSPHATE

MAP 11-54

A highly soluble and concentrated phosphate fertilizer, ideal for soil fertilization or fertilizer mixtures.

Mono-Ammonium Phosphate, commonly called MAP. Contains both nitrogen and phosphorus, which are essential macronutrients. It's very high phosphorus content ranks it as one of the richest phosphate fertilizer in phosphorus. With 11% nitrogen and 54% phosphorus according to the qualities produced by OCP, it can be used directly in application as a source of starter nitrogen and phosphorus as it can be used in tailored dry mixtures.



PRODUCT FEATURES

PHYSICAL PROPERTIES

- Granular form
- Color : Light brown / black

CHEMICAL PROPERTIES

- Phosphorus : 54% (P_2O_5)
- Ammonia Nitrogen : 11% (N)
- Bulk Density = 0.9 to 1
- Tapped Density = 1 to 1.1
- Water solubility (20°C) : 370 g/L
- More than 90% of P contained in MAP is water soluble
- pH = 5

PRODUCT BENEFITS



Slight acidity which reduces the risk of loss of ammonia to the air.



A particularly interesting fertilizer for soils with neutral or alkaline pH.



High concentration of phosphorus plus nitrogen.



Adapted for crops requiring significant amounts of phosphorus.



APPLICATION



MAIN USE









Used in high pH soils and crops with high phosphorus demand. Source of phosphorus and nitrogen. It dissolves in the soil to release phosphorus and ammonium in forms available to plants



SOIL TYPES

Broad range of soils

EXAMPLES OF CROPS

 <p>Vegetables</p>	 <p>Oilseeds</p>	 <p>Wheat</p>	 <p>Maize</p>	 <p>Rice</p>
 <p>Sugar beet</p>	 <p>Barley</p>	 <p>Carrot</p>	 <p>Apples</p>	 <p>Potato</p>
 <p>Cherry</p>	 <p>Pastures</p>			



MONO-AMMONIUM PHOSPHATE

MAP 11-52

A highly soluble and concentrated phosphate fertilizer, ideal for soil fertilization or fertilizer mixtures.

Mono-Ammonium Phosphate, commonly called MAP, it contains both nitrogen and phosphorus, which are essential macronutrients. Its very high phosphorus content makes it one of the richest phosphate fertilizer in phosphorus. With 11% nitrogen and 52% phosphorus according to the qualities produced by OCP, it can be used directly in application as a source of starter nitrogen and phosphorus as. It can also be used in tailored dry mixtures.



PRODUCT FEATURES

PHYSICAL PROPERTIES

- Granular form
- Color : Light brown / black

CHEMICAL PROPERTIES

- Phosphorus : 52% (P_2O_5)
- Ammonia Nitrogen : 11% (N)
- Bulk Density = 0.9 to 1
- Tapped Density = 1 to 1.1
- Water solubility (20°C) : 370 g/L
- More than 90% of P contained in MAP is water soluble
- pH = 4 min

PRODUCT BENEFITS



Slight acidity which reduces the risk of loss of ammonia to the air.



High concentration of phosphorus and nitrogen.



Versatile fertilizer, used for a variety of crops.



Improve the pH of alkaline soils.



APPLICATION



MAIN USE


Used in high pH soils and crops with high phosphorus demand. Source of phosphorus and nitrogen. It dissolves in the soil to release phosphorus and ammonium in forms available to plants




SOIL TYPES

Broad range of soils

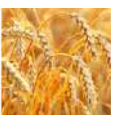
EXAMPLES OF CROPS




Vegetables




Oilseeds




Wheat




Maize




Rice




Sugar beet




Barley



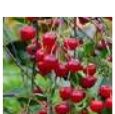
Carrot




Apples



Potato



Cherry



Pastures



MONO-AMMONIUM PHOSPHATE

MAP 11-57

Concentrated in P, MAP 11-57 is mainly used for the growth of plants that need a significant phosphorus intake.

Mono-Ammonium Phosphate commonly called MAP. It contains both nitrogen and phosphorus, which are essential macronutrients. Its very high phosphorus content makes it one of the richest phosphate fertilizer in phosphorus. With 11% nitrogen and 57% phosphorus according to the qualities produced by OCP, it can be directly applied as a source of starter nitrogen and phosphorus. It can also be used in tailor-made dry mixes.



PRODUCT FEATURES


PHYSICAL PROPERTIES

- Granular form
- Color : Light brown / black


CHEMICAL PROPERTIES

- Phosphorus : 57% (P_2O_5)
- Ammonia Nitrogen : 11% (N)
- Bulk Density = 0.9 to 1
- Tapped Density = 1 to 1.1
- Water solubility (20°C) : 370 g/L
- More than 90% of P contained in MAP is water soluble
- pH : 4 to 4.5


PRODUCT BENEFITS




Slight acidity which reduces the risk of loss of ammonia to the air.




High concentration of phosphorus and nitrogen.



Versatile fertilizer, used for a variety of crops.



A particularly interesting fertilizer for soils with neutral or alkaline pH.



APPLICATION



MAIN USE













Used in high pH soils and crops with high phosphorus demand. Source of phosphorus and nitrogen. It dissolves in the soil to release phosphorus and ammonium in forms available to plants



SOIL TYPES

Broad range of soils

EXAMPLES OF CROPS

 <p>Vegetables</p>	 <p>Oilseeds</p>	 <p>Wheat</p>	 <p>Maize</p>	 <p>Rice</p>
 <p>Sugar beet</p>	 <p>Barley</p>	 <p>Carrot</p>	 <p>Apples</p>	 <p>Potato</p>
 <p>Cherry</p>	 <p>Pastures</p>			



NP COMPLEX FERTILIZER

NP 10-46

NP 10-46 helps providing plants with a balanced amount of nitrogen and phosphorus to support their growth and development.

NP 10-46 Binary Fertilizer is a granular compound fertilizer that contains both nitrogen and phosphorus, which are essential macronutrients. The 10% N-46% P_2O_5 balance makes this fertilizer an excellent fertilizer for low nitrogen-demanding crops.



PRODUCT FEATURES

PHYSICAL PROPERTIES

- Granular form
- Color : beige or brown

CHEMICAL PROPERTIES

- Ammonia Nitrogen : 10% (N)
- Phosphorus : 46% (P₂O₅)

PRODUCT BENEFITS



Tailor-made fertilizer: starter fertilizer applied during sowing for crops requiring little nitrogen, thus meeting the specific needs of these crops.



Source of phosphorus and nitrogen.



NP 10-46 allows a temporary acidification of the soil around the granule, having certain benefits on neutral and alkaline soils.



APPLICATION



MAIN USE

Used as a starter fertilizer and for top-dressing



SOIL TYPES

Broad range of soils



EXAMPLES OF CROPS



Soybeans



Legumes



Cereals



Rice



Peas



Peanuts



Maize



NPK COMPLEX FERTILIZER

NPK 10-20-10

**The three primary
and essential nutrients
combined, for the growth
and overall health
of plants.**

N, P, and K refer to the primary macronutrients that plants need to grow: nitrogen for leaf growth, phosphorus for roots and flowers, and potassium for health and disease resistance. NPK fertilizers provide all essential nutrients for plants.

NPK 10-20-10 is a high phosphorus mineral fertilizer used to promote the growth and development of plant roots and flowers.



PRODUCT FEATURES

PHYSICAL PROPERTIES

- Granules or fine powder
- Color : beige

CHEMICAL PROPERTIES

- Ammonia Nitrogen : 10% (N)
- Phosphorus : 20% (P_2O_5)
- Potash : 10% (K_2O)

PRODUCT BENEFITS



Stimulates flowering and fruiting.



Improves disease resistance.



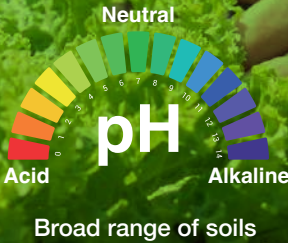
Strengthens root growth.



APPLICATION



Used for root development and flowering as a starter fertilizer for seedlings or transplants.



EXAMPLES OF CROPS



Lawns



Olive trees



Sugar beet



Cereals



Ornamental gardens Plants



Vegetables



NPK COMPLEX FERTILIZER

NPK 12-20-18-5S-1B₂O₃

An NPK+ formula enriched with sulfur and boron oxide

N, P, and K refer to the primary macronutrients that plants need to grow: nitrogen for leaf growth, phosphorus for roots and flowers, and potassium for health and disease resistance.

NPK-containing fertilizers provide essential nutrients for plants.

NPK 12-20-18-5S-1B₂O₃ is a complete fertilizer that provides plants with the nutrients they need for healthy growth and optimal development.

Adding sulfur and boron oxide to fertilizer can help plants better tolerate environmental stresses, such as drought or disease, due to their ability to promote root growth and increase plant resilience. It can also be applied at different stages of crop growth.



PRODUCT FEATURES


PHYSICAL PROPERTIES

- Granular form
- Color : Light brown to yellow


CHEMICAL PROPERTIES

- Ammonia Nitrogen : 12% (N)
- Phosphorus : 20% (P₂O₅)
- Potash : 18% (K₂O)
- Sulfur : 5% (S)
- Boron trioxide : 1% (B₂O₃)


PRODUCT BENEFITS




Compensates for deficiencies in specific sulfur and boron needs.



Provides a combination of nutrients in a ratio adapted to certain soils and crops.



Strengthens root development and growth.



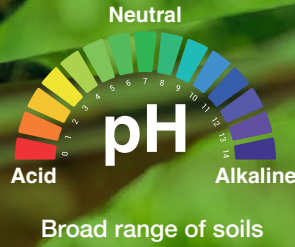
High P and K supply for crops and soils that need it most.















APPLICATION



Used for balanced plant growth especially for crops requiring sulfur and boron.



EXAMPLES OF CROPS

 Grapes	 Almonds	 Apples	 Soybeans
 Olive trees	 Vegetables	 Fruit trees	 Sugar cane
 Sugar beets	 Rice	 Cotton	 Canola



NPK COMPLEX FERTILIZER

NPK 14-18-18-6S-1B₂O₃

An NPK+ formula enriched with sulfur and boron, for a balanced intake of macro- and micro-nutrients.

N, P, and K refer to the primary macronutrients that plants need to grow: nitrogen for leaf growth, phosphorus for roots and flowers, and potassium for health and disease resistance.

NPK-containing fertilizers provide essential nutrients for plants.

NPK 14-18-18-6S-1B₂O₃ is a complete and balanced fertilizer produced by OCP. It provides crops with the essential nutrients they need for healthy growth.

Its composition of nitrogen, phosphorus and potassium as well as its contribution of sulfur and boron oxide promote root growth, flowering and fruiting.

NPK 14-18-18-6S-1B₂O₃ can indeed be used for a wide variety of crops. Adding sulfur and boron to the basic NPK 14-18-18 formula can help plants better tolerate environmental stresses, such as drought or disease, due to their ability to promote root growth and increase plant resilience.



PRODUCT FEATURES


PHYSICAL PROPERTIES

- Granular form
- Color : Beige to brown


CHEMICAL PROPERTIES

- Ammonia Nitrogen : 14% (N)
- Phosphorus : 18% (P_2O_5)
- Potash : 18% (K_2O)
- Sulfur (S) : 6%
- Boron trioxide : 1% (B_2O_3)


PRODUCT BENEFITS




Compensates for deficiencies in specific sulfur and boron needs.




Provides a combination of nutrients in proportions adapted to certain soils and crops.



High P and K supply for crops and soils that need it most.



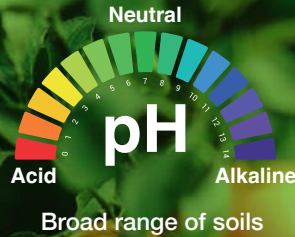
Strengthens root development and growth.















APPLICATION



Used for balanced plant growth especially for crops requiring sulfur and boron.



EXAMPLES OF CROPS

 Grapes	 Almonds	 Apples	 Soybeans
 Olive trees	 Vegetables	 Fruit trees	 Sugar cane
 Sugar beets	 Rice	 Cotton	 Canola



NPK COMPLEX FERTILIZER

NPK 15-15-15-10S

Well-balanced universal fertilizer. Its formula rich in sulfur ensures better efficiency of absorption of P and N by plants.

N, P, and K refer to the primary macronutrients that plants need to grow: nitrogen for leaf growth, phosphorus for roots and flowers, and potassium for health and disease resistance. NPK-containing fertilizers provide essential nutrients for plants.

NPK 15-15-15 10S is a versatile fertilizer with a perfect balance of nitrogen, phosphorus and potassium that makes it one of the most widely used fertilizers for use during sowing since it covers crop needs during the growth. It is also a perfect starter fertilizer for spring cereals.

Thanks to the sulfur it contains, the nutrients can be better absorbed by the plant. Sulfur plays an important role in regulating soil pH.



PRODUCT FEATURES

PHYSICAL PROPERTIES

- Granular form
- Color : Beige

CHEMICAL PROPERTIES

- Ammonia Nitrogen : 15% (N)
- Phosphorus : 15% (P₂O₅)
- Potash : 15% (K₂O)
- Sulfur : 10% (S)

PRODUCT ADVANTAGES

Balanced nutrient supply for the plant.



A high sulfur content increases the efficiency of nitrogen and phosphorus use by plants.

A combination of nutrients in a ratio adapted to certain soils and crops.

APPLICATION

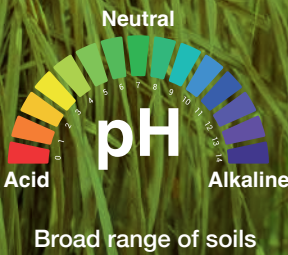


MAIN USE

Used for balanced plant growth and increased fruiting



SOIL TYPES



EXAMPLES OF CROPS



Vegetables



Cereals



Flowers



Sugar beet



Fruit trees



Sugar cane



Sunflower



Olive trees



NPK COMPLEX FERTILIZER

NPK 15-15-15-6S-1B₂O₃

A combination of macro- and micro-nutrients that provides significant agronomic benefits for plant growth.

N, P, and K refer to the primary macronutrients that plants need to grow: nitrogen for leaf growth, phosphorus for roots and flowers, and potassium for health and disease resistance. NPK-containing fertilizers provide essential nutrients for plants.

NPK 15-15-15-6S-1B₂O₃ is a granular fertilizer produced by OCP that contains a balanced formula of nitrogen, phosphorus and potassium, enriched with sulfur and boron.

NPK 15-15-15-6S-1B₂O₃ provides steadfast root and leaf growth, healthy flowering, increased resistance to disease and environmental stresses, improved soil structure and increased nutrient availability.



PRODUCT FEATURES

PHYSICAL PROPERTIES

- Granular form
- Color : Beige.

CHEMICAL PROPERTIES

- Ammonia Nitrogen : 15% (N)
- Phosphorus : 15% (P_2O_5)
- Potash : 15% (K_2O)
- Sulfur : 6% (S)
- Boron trioxide : 1% (B_2O_3)

PRODUCT BENEFITS



Steadfast root and leaf growth, healthy flowering.



Improved soil structure and increased nutrient availability.



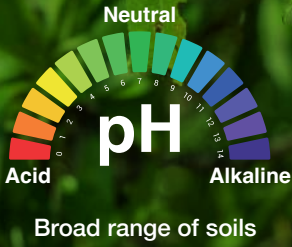
Increased resistance to disease and environmental stress.













APPLICATION



Used for balanced plant growth especially for crops requiring boron and sulfur.



EXAMPLES OF CROPS

 <p>Grapes</p>	 <p>Almonds</p>	 <p>Apples</p>	 <p>Soybeans</p>
 <p>Rice</p>	 <p>Olive trees</p>	 <p>Vegetables</p>	 <p>Fruit trees</p>
 <p>Sugar beets</p>	 <p>Sugar cane</p>		



NPS COMPLEX FERTILIZER

NPS 12-45-5S-0.2Zn

NPS 12-45-5S-0.2Zn for plant growth and health due to its nitrogen, phosphorus, sulfur and zinc content.

NPS 12-45-5S-0.2Zn is a sulfur-enriched phosphate fertilizer that uses the best technology for optimum balance and availability of phosphorus, nitrogen, sulfur and zinc to increase yields.

NPS 12-45-5S-0.2Zn provides the optimal balance of phosphorus, nitrogen, sulfur and micronutrients, meeting the actual nutrient needs of crops more effectively.



PRODUCT FEATURES

PHYSICAL PROPERTIES

- Granular form
- Color : Beige.

CHEMICAL PROPERTIES

- Ammonia Nitrogen : 12% (N)
- Phosphorus : 45% (P₂O₅)
- Sulfur : 5% (S)
- Zinc : 0.2% (Zn)

PRODUCT BENEFITS



Promote the development of the root system.



Maximized sulfur intake as sulfur sulphate, increasing plant absorption of macro- and micro-nutrients.



A combination of nutrients in proportions adapted to certain soils and crops.



APPLICATION

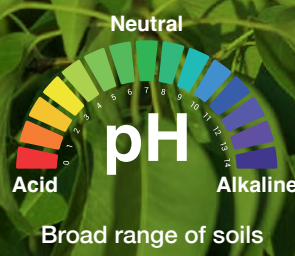


MAIN USE


Used for balanced plant growth especially for crops requiring zinc



SOIL TYPES



EXAMPLES OF CROPS

 <p>Grapes</p>	 <p>Rapeseed</p>	 <p>Apples</p>	 <p>Maize</p>
 <p>Pears</p>	 <p>Cocoa</p>	 <p>Barley</p>	 <p>Sugar cane</p>
 <p>Wheat</p>	 <p>Rice</p>	 <p>Cotton</p>	



NPS COMPLEX FERTILIZER

NPS 19-38-7S

A fertilizer that provides complete nutrition in P and N enriched in sulfur and boron

NPS 19-38-7S is considered an effective fertilizer due to its diverse nutrient composition and relatively high solubility, which allows rapid absorption by plant roots for optimal growth.



PRODUCT FEATURES

PHYSICAL PROPERTIES

- Granular form
- Color : Variable shades of brown

CHEMICAL PROPERTIES

- Ammonia Nitrogen : 18.9 % (N)
- Phosphorus : 37.7 % (P_2O_5)
- Sulfur : 6.95% (S)
- Boron trioxide : 0.02% max (B_2O_3)

PRODUCT BENEFITS



All the elements N, P, S and Boron in each granule, for optimal nutrition.



Boron-enriched fertilizer, to meet the specific needs of soils and plants.



Fertilizer enriched with sulfur, allowing to respond to the growing sulfur deficiency in soils.



APPLICATION



MAIN USE

Used for balanced plant growth especially for crops requiring sulfur and boron.



SOIL TYPES

Broad range of soils



EXAMPLES OF CROPS



Orange



Apple



Vegetables



Sugar cane



Sugar beet



Olive trees



Fruit trees



Maize



Peas



Soybeans



Canola



MONO-AMMONIUM PHOSPHATE

NUTRIDROP® 12.61

**A high-performance soluble
fertilizer adapted for fertigation**

NUTRIDROP® 12.61, or Mono-ammonium Phosphate (MAP) 12-61, is a high-quality fertilizer suitable for fertigation and foliar application.

NUTRIDROP® 12.61 is highly water soluble and provides the plant with optimal levels of nutrients throughout its growth cycle.

NUTRIDROP® 12.61 helps to optimize the supply of nutrients to the plant by providing the exact amount of P needed at each stage of its development. By providing the right source of macronutrients, at the right dose, at the right time and in the right place, NUTRIDROP® 12.61 contributes to efficient fertilization that optimizes inputs and improves yields.



PRODUCT FEATURES

PHYSICAL PROPERTIES

- Color : White
- Crystalline form
- Available in bulk or in bags of 50 kg

CHEMICAL PROPERTIES

- Ammonia Nitrogen : 12% (NH₄)
- Phosphorus : 61 % (P₂O₅)
- Solubility at 20 C = 420 g/L min (476 content)
- Density : 1.02kg/L
- Moderately low pH : 4.2-4.8
- Purity : 99,8%
- Insoluble matter at 20 C = 0.1 % max
- Moisture = 0.2% max

PRODUCT BENEFITS



High solubility
in water.



Product designed
for all crops.



Optimal supply of
phosphorus, ideal for the
different vegetative stages.



High quality obtained using
European technology.

1. In the first phases of the plant growth, phosphorus is crucial for root formation

2. The combination of P and N contribute to the steadfast growth of plants and roots

3. Phosphorus highly available in NUTRIDROP® is vital to photosynthesis

4. Phosphorus being part of the plant DNA, it is crucial for flowering and production of seeds and fruits

APPLICATION

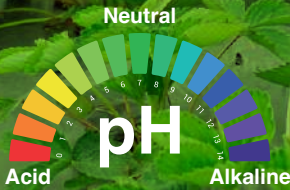


MAIN USE

- Fertigated lands, greenhouses, open fields and orchards
- Suitable for all fertigation systems (micro irrigation, sprinklers...) as well as foliar use
- Suitable for hydroponics and aquaponics



SOIL TYPES



EXAMPLES OF CROPS



Vegetables



Flowers



Fruits



Greenhouses



Fertigated
lands



Cash crops



www.ocpnutricrops.com

OCP NUTRICROPS S.A.
Jorf Lasfar Complex BP 118
Province of El Jadida - Morocco

The information contained in this document is provided for guidance only. Before using any fertiliser, it is advisable to consult a competent agricultural expert. As a reminder, the misused of fertilisers can burn and/or damage plant roots or foliage. Consequently, OCP Nutricrops cannot be held responsible for any commercial damage, loss or other result arising from the use of the information contained in this catalogue.