

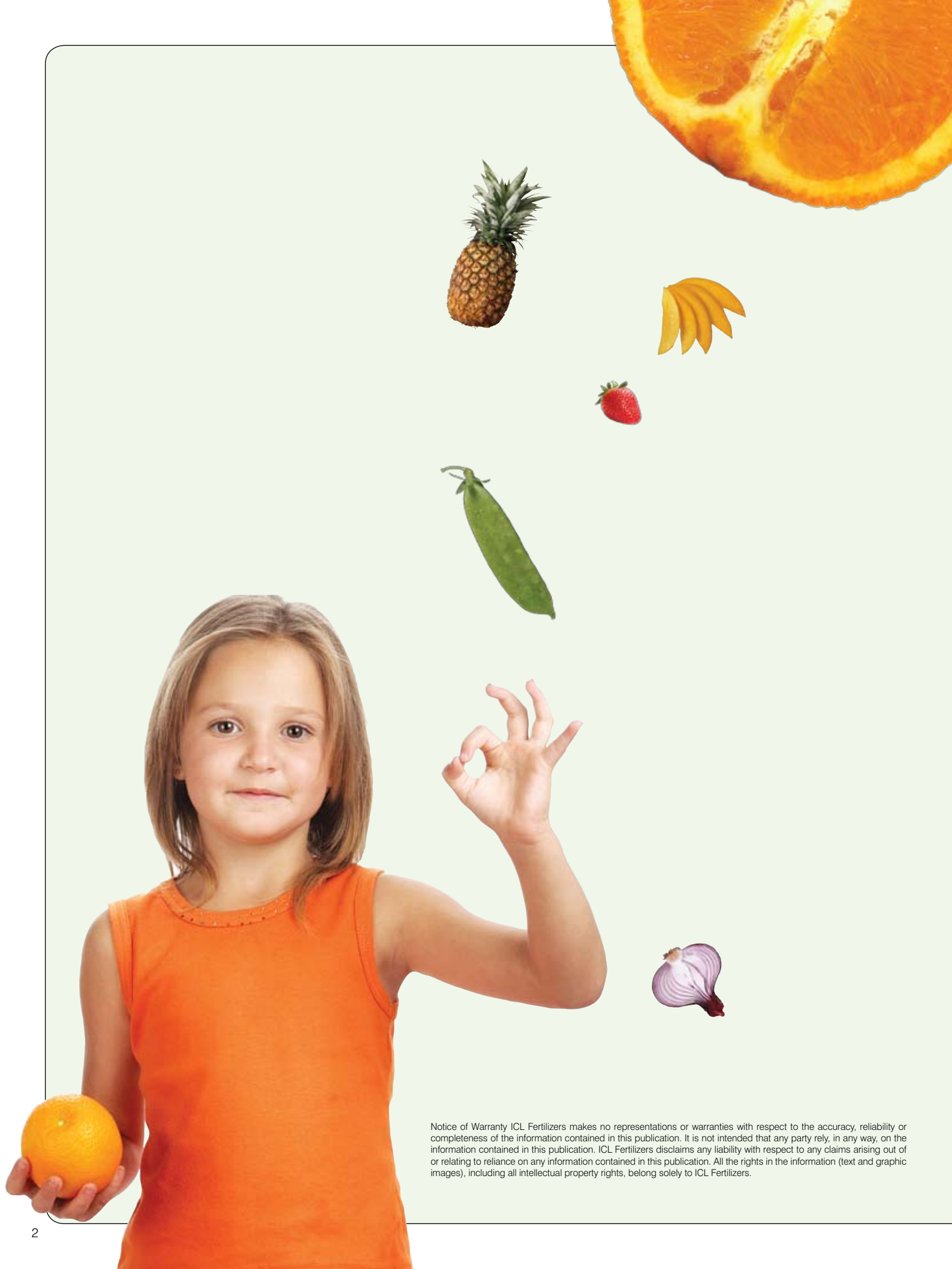


**ICL Specialty
Fertilizers**

ICL Specialty Fertilizers Product *Line*
Innovation in fertigation and foliar nutrition



ICL Fertilizers
All from a Single Source



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ICL Specialty Fertilizers

Innovation in fertigation and foliar nutrition

ICL Specialty Fertilizers produces superior-quality, cost-effective, fully soluble fertilizers that give growers higher yields and better quality. They are widely proven around the world in varied conditions, including areas of scarce water and poor-quality arable land.

ICL Specialty Fertilizers serves the farmer who uses advanced and sophisticated growing techniques, such as drip irrigation and greenhouses. Our fertilizers are excellent for fertigation, hydroponics, foliar nutrition and as special starters, as well as for horticulture, aquaculture, food applications and other uses. A number of our products are balanced with supplementary macro and micro-nutrients and some are approved for organic use.

ICL Specialty Fertilizers leads the world in phosphorus and potassium-based soluble fertilizers. Our products are produced from the rich natural resources of potash from the Dead Sea and phosphate rock mines in Israel and are based on over 40 years experience in advanced fertigation technologies.

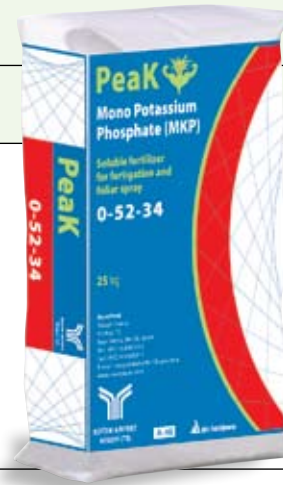
ICL Specialty Fertilizers products are unique and patented, manufactured using our own exclusive and proprietary technology.

ICL Specialty Fertilizers Product *Line*

Fertilizer	Formula	N	P	K	Mg	Ca	Micro nutrients	For fertigation	For foliar use	Unique products
PeaK®	0-52-34		•	•				•	•	
Pekacid™	0-60-20		•	•				•		•
HiPeaK™	0-45-45		•	•				•	•	•
MagPhos™	0-55-19+7MgO		•	•	•			•	•	•
NovaNPK™	Various	•	•	•			•	•	•	
NovAcidNPK™	Various	•	•	•	•	•	•	•		•
NutriVant™	Various	•	•	•	•	•	•		•	•
NovaMAP™	12-61-0	•	•					•	•	
Magnific™	11-0-0+15MgO	•			•			•	•	
Ferti-K™	0-0-61			•				•		•
quicK-Mg™	0-0-15+13MgO			•	•			•		•

PeaK[®] MKP 0-52-34

Mono potassium phosphate (MKP, KH_2PO_4)



Phosphorus (P_2O_5)	52%
Potassium (K_2O)	34%
Chloride (Cl)	<100 ppm
Heavy metals	<5 ppm
Cadmium (Cd)	<1 ppm
Arsenic (As)	<1 ppm
pH (1% solution)	4.5
Solubility in water at 20°C	230 g/l
Insolubles	<0.1%
Moisture	<0.2%

Properties

- Very low salt index: safe foliar fertilizer with minimal risk of leaf burning or phytotoxicity.
- Buffer capacity: spray solution buffered at pH 5 ± 0.5 .
- 100% assimilable nutrients, ensuring total availability of phosphorus and potassium to the plant.
- Chloride and sodium free; ideal for the most delicate crops.
- Absence of nitrogen to give flexibility in N balancing.
- Eco-friendly: negligible amounts of heavy metals. No residual contaminants or hazardous residues.
- White, fully water-soluble and practically free of impurities and residues. Quickly dissolves to a clear solution with no clogging of the irrigation system.
- Safe and easy to store and use.
- Manufactured by our own exclusive and proprietary technology to ensure the highest quality.
- ICL Fertilizers is the largest producer of MKP worldwide.

Applications

- For hydroponics, fertigation, foliar nutrition and special starters.
- Fully soluble P and K for all fertigated crops under drip irrigation, sprinkler systems, pivots or jets.
- For fertigated greenhouses, vegetables, fruits and flowers in any growing medium, as well as in open fields and orchards.
- Highly efficient source of soluble P and K for soluble NPK's and liquid fertilizers.
- Combination of PeaK[®] and ammonium nitrate can replace the combination of MAP and KNO_3 :
 $1 \text{ PeaK}^{\text{®}} + 0.59 \text{ NH}_4\text{NO}_3 = 0.84 \text{ MAP} + 0.75 \text{ KNO}_3$
- Ideal for foliar application, having a triple action:
 1. Feeding of the plants.
 2. Biopesticide: fungicidal agent for disease control (especially powdery mildew disease).
 3. pH buffering of the spray solution.

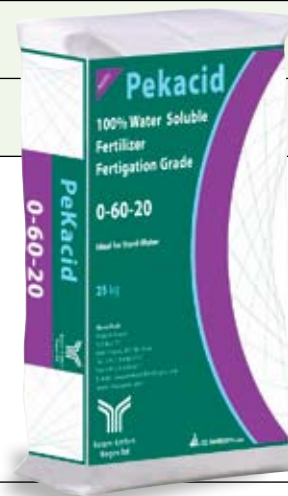




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Pekacid™ 0-60-20

Highly acidic fertilizer, monocrystal with low pH (2.2)



Phosphorus (P ₂ O ₅)	60%
Potassium (K ₂ O)	20%
Chloride (Cl)	<90 ppm
Heavy metals	<5 ppm
Cadmium (Cd)	<1 ppm
Arsenic (As)	< 1 ppm
pH (1% solution)	2.2
Solubility in water at 20°C	670 g/l
Insolubles	<0.1%
Moisture	<0.2%

Properties

- Solid phosphoric acid in dry form, combining the advantages and efficiency of phosphoric acid with the ease and safety of a solid crystalline fertilizer.
- Provides acidity to neutralize and dissolve bicarbonates, thus avoiding the problem of scaling and clogging of pipes and drippers in the irrigation system.
- Acidic formulation: reduces pH by applying directly to hard water or mixed with calcium nitrate for soft water.
- Acidifies the soil thus increasing the availability and uptake of P and micronutrients.
- 100% assimilable nutrients, ensuring total availability of phosphorus and potassium to the plant.
- Chloride and sodium free, ideal for the most delicate crops.
- Absence of nitrogen to give flexibility in N balancing.
- White, fully water-soluble and practically free of impurities and residues. Quickly dissolves to a clear solution with no clogging of the irrigation system.
- Eco-friendly: negligible amounts of heavy metals. No residual contaminants or hazardous residues.

- Safe and easy to store and use.
- Unique patented product, manufactured by our own exclusive and proprietary technology.

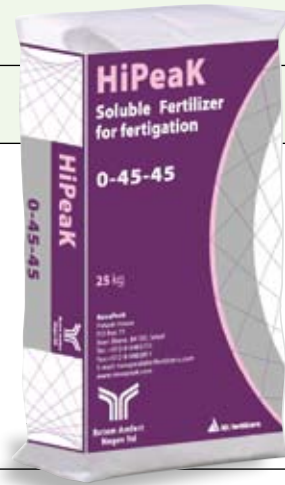
Applications

- For calcareous soils or hard irrigation water, with anti-clogging action and acidifying properties.
- Fully soluble P and K for all fertigated crops under drip irrigation, sprinkler systems, pivots or jets.
- For fertigated greenhouses, vegetables, fruits and flowers in any growing medium, as well as in open fields and orchards.
- Highly efficient source of P and K for soluble NPK's and liquid fertilizers.
- Pekacid™ can be mixed with calcium and magnesium fertilizers when preparing soluble NPK mixtures.
- Neutralization force: 240 g of Pekacid™ neutralizes 1 eq of HCO₃⁻ in 1m³ water.
- Acidity equivalent:
 - 1 kg HNO₃ 60% equals to 2.23 kg Pekacid™
 - 1 kg H₃PO₄ 75% equals to 1.79 kg Pekacid™

only available from **ICL Specialty Fertilizers**

HiPeaK™ 0-45-45

Highly concentrated, monocrystal fully soluble P and K



Phosphorus (P ₂ O ₅)	45%
Potassium (K ₂ O)	45%
Chloride (Cl)	100 ppm
Heavy metals	<5 ppm
Cadmium (Cd)	<1 ppm
Arsenic (As)	<1 ppm
pH (1% solution)	7
Solubility in water at 20°C	700 g/l
Insolubles	<0.1%
Moisture	<0.2%

Properties

- 100% assimilable nutrients, ensuring total availability of phosphorus and potassium to the plant.
- Chloride and sodium free, ideal for the most delicate crops.
- Absence of nitrogen to give flexibility in N balancing.
- White, fully water-soluble and practically free of impurities and residues. Quickly dissolves to a clear solution with no clogging of the irrigation system.
- Eco-friendly: negligible amounts of heavy metals. No residual contaminants or hazardous residues.
- Safe and easy to store and use.
- Unique patented product, manufactured by our own exclusive and proprietary technology.

Applications

- Fully soluble P and K for all fertigated crops under drip irrigation, sprinkler systems, pivots or jets.
- For fertigated greenhouses, vegetables, fruits and flowers in any growing medium, as well as in open fields and orchards.
- Highly efficient source of P and K for soluble NPK's and liquid fertilizers.
- Can be easily mixed with other soluble fertilizers to produce required mixtures. For example:
50% urea + 50% HiPeaK™ 0-45-45 = 23-23-23
- Suitable for foliar application.

MagPhos™ 0-55-19+7MgO

Fully soluble P and K with Mg



Phosphorus (P ₂ O ₅)	55%
Potassium (K ₂ O)	19%
Magnesium (MgO)	7%
Chloride (Cl)	< 150 ppm
Heavy metals	< 10 ppm
Cadmium (Cd)	< 1 ppm
Arsenic (As)	< 1 ppm
pH (1% solution)	5
Solubility in water at 20°C	400 g/l
Insolubles	< 0.1%
Moisture	< 0.2%

Properties

- Slightly acidic fertilizer with a pH of 5.
- 100% assimilable nutrients, ensuring total availability of phosphorus, potassium and magnesium to the plant.
- White, fully water-soluble and practically free of impurities and residues. Quickly dissolves to a clear solution with no clogging of the irrigation system.
- Chloride and sodium free; ideal for the most delicate crops.
- Absence of nitrogen to give flexibility in N balancing.
- Eco-friendly: negligible amounts of heavy metals. No residual contaminants or hazardous residues.
- Safe and easy to store and use.
- Cost advantage compared with magnesium sulphate and magnesium nitrate.
- Unique patented product, manufactured by our own exclusive and proprietary technology.

Applications

- Fully soluble P, K and Mg for all fertigated crops under drip irrigation, sprinkler systems, pivots or jets.
- For fertigated greenhouses, vegetables, fruits and flowers in any growing medium, as well as in open fields and orchards.
- Highly efficient source of soluble P, K and Mg for soluble NPK's and liquid fertilizers.
- A combination of MagPhos™ and potassium nitrate can replace MKP and magnesium nitrate:
 $1 \text{ MKP} + 0.5 \text{ Mg}(\text{NO}_3)_2 = 0.94 \text{ MagPhos}^{\text{TM}} + 0.42 \text{ KNO}_3$
- Suitable for foliar application.



NovAcidNPK™

Fully soluble acidic NPK fertilizers with micronutrients



Growth Stage	Open field	Total N	N-NH ₂	N-NH ₄	N-NO ₃	P ₂ O ₅	K ₂ O	CaO	MgO	SO ₃	Cl
		(%)									
Establishment	16-32-16	16.0	11.6	4.4		32.0	16.0				10.0
Vegetative	18-18-18+4MgO	18.0	18.0			18.0	18.0		4.0	8.1	6.0
	19-19-19+3CaO	19.0	17.2		1.8	19.0	19.0	3.0			6.5
	20-20-20	20.0	17.2	2.8		20.0	20.0				13.6
Reproductive (fruit development)	16-8-25+4MgO	16.0	16.0			8.0	25.0		4.0	8.4	15.7
	17-8-27+3CaO	17.0	15.2		1.8	8.0	27.0	3.0			18.4
	Greenhouses (Cl-free)										
Establishment	15-30-15+TE	15.0	5.0	3.6	6.4	30.0	15.0				0
Vegetative	19-19-19+3MgO+TE	19.0	16.0		3.0	19.0	19.0		3.0	6.0	0
Reproductive (fruit development)	12-6-28+7CaO+TE	12.0		0.2	11.8	6.0	28.0	7.0			0
	11-9-34+3MgO+TE	11.0		1.0	10.0	9.0	34.0		3.0	6.0	0

Other formulations are available

TE: Trace Elements: iron (Fe), manganese (Mn), boron (B), zinc (Zn), copper (Cu), molybdenum (Mo)

Use chloride-free NovaAcidNPK™ in sensitive crops and in sensitive growing conditions like hydroponics and soilless culture

Properties

- Highly acidic fertilizers (pH 2-3), based on the new and unique Pekacid™.
- High nutrient concentration and high nutrient availability in a single compound.
- Supplies correctly balanced amounts of the three most important nutrients for optimum growth, highest yield and top quality crops.
- Optional addition of Ca, Mg and micronutrients.
- Provides acidity to neutralize and dissolve bicarbonates, thus avoiding the problem of scaling and clogging of pipes and drippers in the irrigation system.
- Acidifies the soil environment thus increasing the availability and uptake of P and micronutrients.
- Acidic formulation: reduces water pH by applying directly to hard water.
- Fully chelated and balanced mix of micronutrients.
- Different chloride concentrations to exactly match crop sensitivity and soil and water chloride levels.
- White, fully water-soluble and practically free of

impurities and residues. Quickly dissolves to a clear solution with no clogging of the irrigation system.

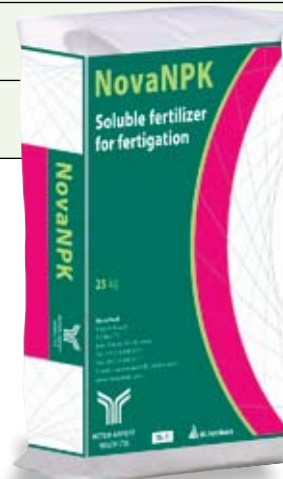
- Eco-friendly: negligible amounts of heavy metals. No residual contaminants or hazardous residues.
- Safe and easy to store and use.
- Unique patented product, manufactured by our own exclusive and proprietary technology.

Applications

- For calcareous soils or hard irrigation water, with anti-clogging action and acidifying properties.
- Fully soluble NPK for all fertigated crops under drip irrigation, sprinkler systems, pivots or jets.
- For fertigated greenhouses, vegetables, fruits and flowers in any growing medium, as well as in open fields and orchards.
- Complete plant nutrition scheme throughout the growth cycle, with a wide range of formulae, fitting the needs of different crop stages.

NovaNPK™

Fully soluble NPK fertilizers with micronutrients



Growth Stage	Open field	Total N	N-NH ₂	N-NH ₄	N-NO ₃	P ₂ O ₅	K ₂ O	MgO	SO ₃	Cl
		(%)								
Establishment	16-32-16	16.0	11.6	4.4		32.0	16.0			12.3
Vegetative	19-19-19+TE	19.0	15.5	3.5		19.0	19.0			14.9
	20-20-20	20.0	20.0			20.0	20.0		5.4	5.5
Reproductive (fruit development)	18-9-28+TE	18.0	16.2	1.8		9.0	28.0			21.7
	18-9-30	18.0	17.0		1.0	9.0	30.0			22.0
	Greenhouses (Cl-free)									
Establishment	15-40-15+TE	15.0	5.0	3.6	6.4	40.0	15.0			0
	15-30-15+1MgO+TE	15.0	5.0	5.8	4.2	30.0	15.0	1.0	2.0	0
Vegetative	20-20-20+TE	20.0	16.0	2.0	2.0	20.0	20.0		6.0	0
Reproductive (fruit development)	16-8-28+4MgO+TE	16.0	9.4		6.6	8.0	28.0	4.0	8.0	0
	16-8-32+1MgO+TE	16.0	8.0		8.0	8.0	32.0	1.0	2.0	0

Other formulations are available

TE: Trace Elements: iron (Fe), manganese (Mn), boron (B), zinc (Zn), copper (Cu), molybdenum (Mo)

Use chloride-free NovaNPK™ in sensitive crops and in sensitive growing conditions like hydroponics and soilless culture

Properties

- High nutrient concentration and high nutrient availability in a single compound.
- Supplies correctly balanced amounts of the three most important nutrients for optimum growth, highest yield and top quality crops.
- Fully chelated and balanced mix of micronutrients.
- Different chloride concentrations to exactly match crop sensitivity and soil and water chloride levels.
- White, fully water-soluble and practically free of impurities and residues. Quickly dissolves to a clear solution with no clogging of the irrigation system.
- Eco-friendly: negligible amounts of heavy metals. No residual contaminants or hazardous residues.
- Safe and easy to store and use.

Applications

- Fully soluble NPK for all fertigated crops under drip irrigation, sprinkler systems, pivots or jets.
- For fertigated greenhouses, vegetables, fruits and flowers in any growing medium, as well as in open fields and orchards.
- Complete plant nutrition scheme throughout the growth cycle, with a wide range of formulae, fitting the needs of different crop stages.



NutriVant™ *foliar line*

Long-lasting penetration technology



Properties

- Long-lasting penetration for improved foliar nutrition.
- Fully soluble formulation with macro and micronutrients; chloride free.
- Contains FertiVant™, an environmentally friendly, built-in adjuvant with advanced and prolonged delivery system, especially developed for foliar application.
- Unprecedented increase in size and quantity of fruit; improved crop quality.
- Higher and faster penetration of nutritional NPK elements of ionic (MKP and KNO_3), non-ionic (urea) fertilizers and micronutrients.
- Fully chelated and balanced mix of micronutrients.
- 100% assimilable nutrients, ensuring total availability to the plant.
- Unique patented product, manufactured by exclusive and proprietary technology, developed by scientists at Israel's Ben-Gurion University of the Negev.

General Formulae

Product	Formula	Use
NutriVant™ Peak (Peak-Vant)	0-50-30 +FV	For vineyards as powdery mildew control: spray at a rate of 1% at intervals of 14 days, starting on early phenologic stage, when shoots are 20 cm long and before fruit set
Starter NutriVant™	11-36-24 +TE+FV	For early development stage: Citrus: spray at a rate of 3% on closed flower buds in a single spraying at 2-4 weeks before bloom Vegetables and field crops: spray at a rate of 2% at intervals of 14 days
Booster NutriVant™	8-16-39 +TE+FV	Spray at a rate of 3%: 1 st spray on fruits of 20-30 mm diameter 2 nd spray 3-4 weeks later

Crop specific formulae

Product	Formula	Recommendations
Olive "PON" (Prebloom Olive NutriVant™)	10-33-21 +1.8B+FV	For increasing fruit set, use at 'OFF' year during the month before bloom (can be sprayed to swollen flower buds, and up to 20% open flowers) Apply one spray per season: spray at a rate of 2% (mix 2 kg per 100 liters) Spray 5-8 liters per tree, to wet the canopy
Olive "SON" (Summer Olive NutriVant™)	8-16-40 +FV	For increasing fruit size, use at 'ON' year at young fruitlets stage, 2-4 weeks post bloom (fruits are match-head size to lentil size) Apply one spray per season: spray at a rate of 3% (mix 3 kg per 100 liters) Spray 5-8 liters per tree, to wet the canopy
NutriVant™ sugar beet	0-36-24 +2MgO +2B+1Mn+FV	Spray at a rate of 3% in 200 l/ha. 1 st spray at 6 leaves stage and 2 nd after 30 days
NutriVant™ grapes	0-40-25 +2MgO+2B+FV	Spray at a rate of 1% in 500-1000 liters/ha For increasing yield: 1 st spray after fruit setting and 2 nd after 14 days For increasing sugar content: 1 st spray before bloom (at visible inflorescence) + 2 sprays as above
NutriVant™ rice	0-46-30 +2MgO +0.2B+FV	Spray at a rate of 1-2% in 500 liters/ha, at end of tillering and at panicle initiation
NutriVant™ malt barley	0-23-42 +0.5Zn +0.1B+FV	Spray at a rate of 1-2% in 200-300 liters/ha. 1 st spray in autumn, to improve tillering (3-4 leaves) and 2 nd before heading (5-6 leaves)
NutriVant™ cereals	6-23-35 +1MgO+0.1B +Fe+Mn+Zn+Cu+Mo+FV	Spray at a rate of 1-2% in 200-300 liters/ha. 1 st spray in autumn, to improve tillering (3-4 leaves) and 2 nd before heading (5-6 leaves)
NutriVant™ cotton	4-24-32 +2MgO+1B+Fe +Mn+Zn+Cu+Mo+FV	Spray at a rate of 2% for ground spray and 6-8% for air spray 3 sprays at the following physiologic stages: 1 st spray at 40 days after planting (starter and pre-square initiation) 2 nd spray at 60 days after planting (pre bloom) 3 rd spray at 80 days after planting (early boll formation)
NutriVant™ oil crops	0-20-33 +7.5S+1MgO +1.5B+Mn+Zn+FV	Spray at a rate of 2% in 200-400 liters/ha. 1 st spray at 30 days after seeding and 2 nd at flowering
NutriVant™ potato	0-43-28 +2MgO+0.5B +Mn+Zn+FV	Spray at a rate of 3% in 200-400 liters/ha 2 sprays at the beginning of season, around the start of tuberization: 1 st spray: one week before hooking (tuberization starting point), at about 40 days after seeding (increases number of tubers) 2 nd spray: 14 days after the first spray (increases bulking of tubers)
NutriVant™ tomato pepper	6-18-37 +2MgO+B+Fe +Mn+Zn+Cu+Mo+FV	Spray at a rate of 0.5-1% in 200-400 liters/ha every 2-3 weeks, starting from initiation of the first truss (about a month after transplanting)
NutriVant™ cucurbits	6-16-31 +2MgO+0.5B+Fe +Mn+Zn+Cu+Mo+FV	Spray at a rate of 0.5-1% in 200-400 liters/ha every 2-3 weeks, starting 2 weeks after planting
NutriVant™ fruits	12-5-27 +8CaO+B+Fe+ +Zn+FV	Spray at a rate of 0.5-1% in 1500 liters/ha every 2-3 weeks starting when fruits are 20-30 mm diameter
NutriVant™ flowers	7.5-15-3 +2.8CaO+ 2MgO+1Fe+Mn+Zn+FV	Spray at a rate of 0.5-1% in 500 liters/ha every 14 days

FV= FertiVant™ adjuvant. TE=Trace Elements: iron (Fe), manganese (Mn), boron (B), zinc (Zn), copper (Cu), molybdenum (Mo)

NovaMAP™ 12-61-0

Fully soluble mono-ammonium phosphate



Phosphorus (P ₂ O ₅)	61%	pH (1% solution)	4.5
Nitrogen (N-NH ₄)	12%	Solubility in water at 20°C	380 g/l
Heavy metals	<10 ppm	Insolubles	<0.1%
Cadmium (Cd)	<1 ppm	Moisture	<0.2%
Arsenic (As)	<1 ppm		

Properties

- Contains both nitrogen (as ammonium, NH₄⁺) and phosphorus (as phosphate, H₂PO₄⁻), which are immediately available to plants, suitable for rapid uptake by the crop.
- White, fully water-soluble and practically free of impurities and residues. Quickly dissolves to a clear solution with no clogging of the irrigation system.
- 100% assimilable nutrients, ensuring total availability of nitrogen and phosphorus to the plant.
- Eco-friendly: negligible amounts of heavy metals. No residual contaminants or hazardous residues.
- Safe and easy to store and use.
- High in P (61% P₂O₅), main role as a P fertilizer in fertigation programs. Can be used as the sole P source throughout the growth period for any crop.
- Recommended in the first stages of growth of plants, its high P solubility and availability enhances root development and establishment of seedlings.
- Provides P at other decisive growing stages: At the pre-flowering stage (for vigor of shoots and flowers) and at the fruit formation stage (for fruit hardness and shelf life).
- Acidifies the soil thus increasing the availability and uptake of P and micronutrients.

Applications

- Fully soluble N and P for all fertigated crops under drip irrigation, sprinkler systems, pivots or jets.
- For fertigated greenhouses, vegetables, fruits and flowers in any growing medium, as well as in open fields and orchards.
- Highly efficient source of phosphorus and nitrogen for soluble NPK's and liquid fertilizers.
- Usually mixed with soluble sources of N (urea, ammonium nitrate) and K (KNO₃, KCl) to balance the N:P:K ratio and make it suitable to the crop requirement.

Magnific™ 11-0-0+15MgO

Fully soluble magnesium nitrate hexahydrate



Nitrogen (N-NO ₃)	11 %
Magnesium (MgO)	15.5%
Magnesium (Mg)	9.3%
Heavy metals	0.001% max
Iron (Fe)	0.01% max
pH	6.5

Properties

- Ideally suited for preventing and correcting magnesium deficiency in plants.
- 100% assimilable nutrients, ensuring total availability of nitrogen and magnesium to the plant.
- The nitrate form (NO₃) of Magnific™ enhances the uptake of magnesium. Higher Mg uptake efficiency than magnesium sulphate.
- White, fully water-soluble and practically free of impurities and residues. Quickly dissolves to a clear solution with no clogging of the irrigation system.
- Chloride and sodium free; ideal for the most delicate crops.
- Eco-friendly: negligible amounts of heavy metals. No residual contaminants or hazardous residues.
- Safe and easy to store and use.

Applications

- Fully soluble N and Mg for all fertigated crops under drip irrigation, sprinkler systems, pivots or jets.
- For fertigated greenhouses, vegetables, fruits and flowers in any growing medium, as well as in open fields and orchards.
- Especially recommended when the irrigation water is high in sulphates or in EC.
- Highly efficient source of soluble N and Mg for soluble NPK's and liquid fertilizers.
- Can be mixed with calcium fertilizers.
- Suitable for foliar application.



only available from **ICL Specialty Fertilizers**

Ferti-K™ KCl 0-0-61

High grade, fully soluble white potassium chloride



Potassium (K ₂ O)	61%
Sodium chloride (NaCl)	2.5%
Heavy metals	<5 ppm
Cadmium (Cd)	<1 ppm
Arsenic (As)	<1 ppm
pH (1% solution)	7
Solubility in water at 20°C	330 g/l
Insolubles	<0.1%
Moisture	<0.1%

Properties

- High grade, fully soluble white potassium chloride, ideal for fertigation.
- Economical source of potassium for field crops and plantations.
- 100% assimilable nutrients, ensuring total availability of potassium to the plant.
- Most efficient source of K: high solubility, high K content in solution and fast dissolution rate.
- White, fully water-soluble and practically free of impurities and residues. Quickly dissolves to a clear solution, with no clogging of the irrigation system.
- Eco-friendly natural fertilizer, derived from the minerals of the Dead Sea, and conserving their natural properties.
- Negligible amounts of heavy metals. No residual contaminants or hazardous residues.
- Certified for organic agriculture.

Applications

- Fully soluble KCl for fertigated crops under drip irrigation, sprinkler systems, pivots or jets.
- For fertigated open field crops, orchards and plantations.
- Highly efficient source of potassium for soluble NPK's and liquid fertilizers.
- Suitable for foliar application in olives, rice and other crops which have low chloride sensitivity.

quickK-Mg™ 0-0-15+13MgO

Fully soluble K with Mg (chloride based)



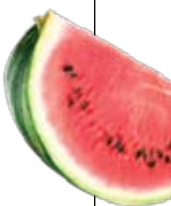
Potassium (K ₂ O)	15%
Magnesium (MgO)	13%
Heavy metals	<5 ppm
Cadmium (Cd)	<1 ppm
Arsenic (As)	<1 ppm
Solubility in water at 20°C	680 g/l
Insolubles	<0.1
Moisture	1%
Particle size	1-4 mm

Properties

- Economical source of potassium and magnesium for field crops and plantations.
- 100% assimilable nutrients, ensuring total availability of potassium and magnesium to the plant.
- Low sodium content; can replace K-Mg salts containing high concentrations of harmful Na.
- Granular yet fully soluble fertilizer. White and practically free of impurities and residues. Quickly dissolves to a clear solution with no clogging of the irrigation system.
- Negligible amounts of heavy metals. No residual contaminants or hazardous residues.
- Eco-friendly natural fertilizer, derived from the minerals of the Dead Sea, and conserving their natural properties.

Applications

- Fully soluble K and Mg (chloride based) for fertigated crops under drip irrigation, sprinkler systems, pivots or jets.
- For fertigated open field crops, orchards and plantations.
- Highly efficient source of soluble K and Mg for soluble NPK's and liquid fertilizers.
- For direct application to the soil with mechanical spreaders.
- For bulk blending with other granular fertilizers.





ICL Specialty Fertilizers

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