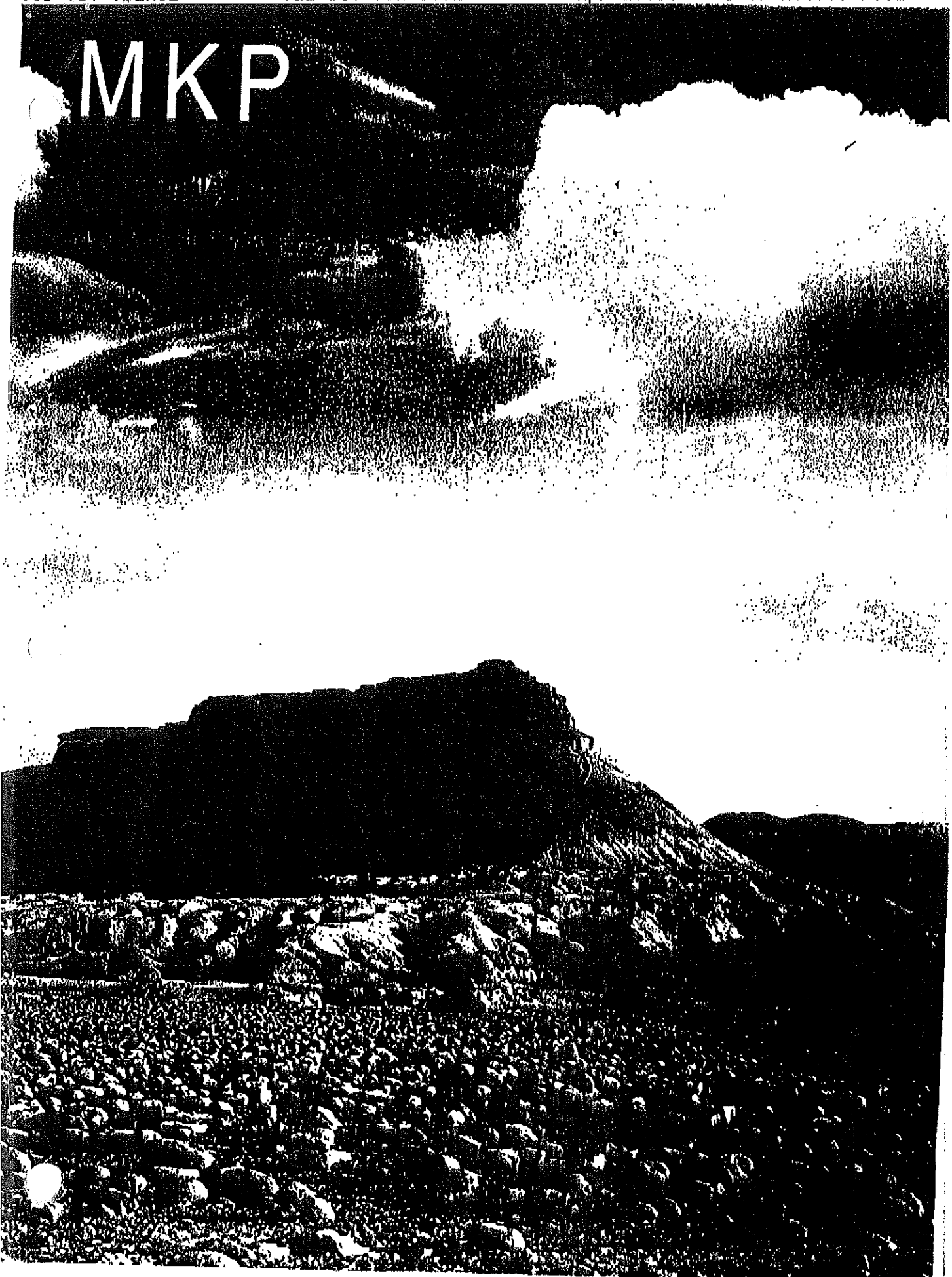
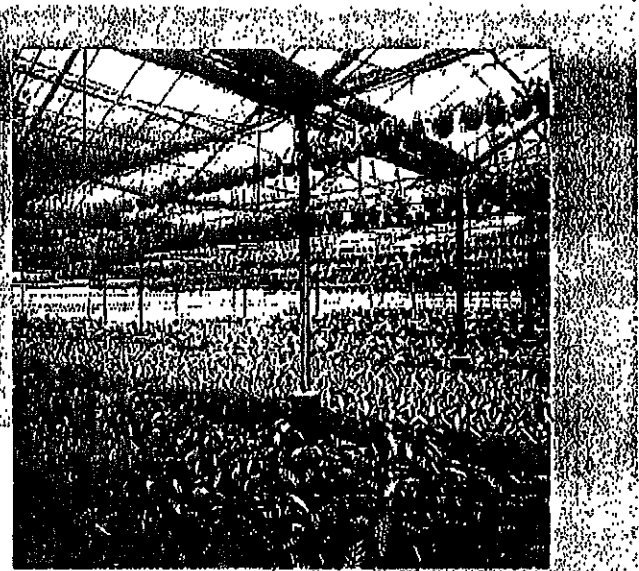
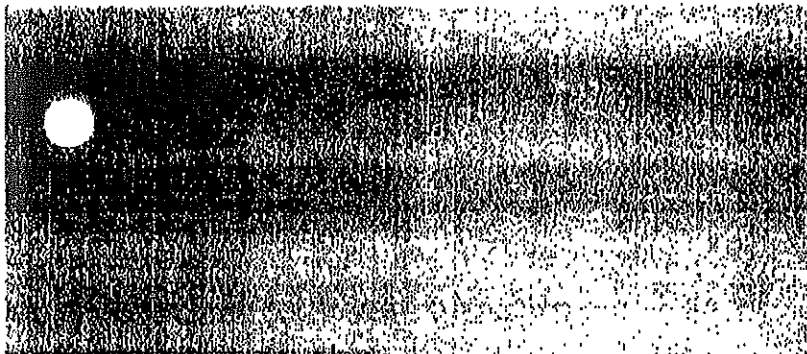
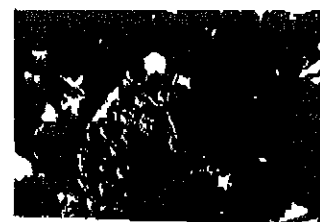


MKP





- Fully water soluble
- 100% nutrients content
- Lowest salt index
- High purity
- Free flowing, minimal dust
- Calcium free fertilizer



MKP

General uses :

MKP is a very concentrated source of both phosphorus and potassium (chlorine free) for liquid fertilizers, fertigation, foliar sprays, starter and transplant solutions.

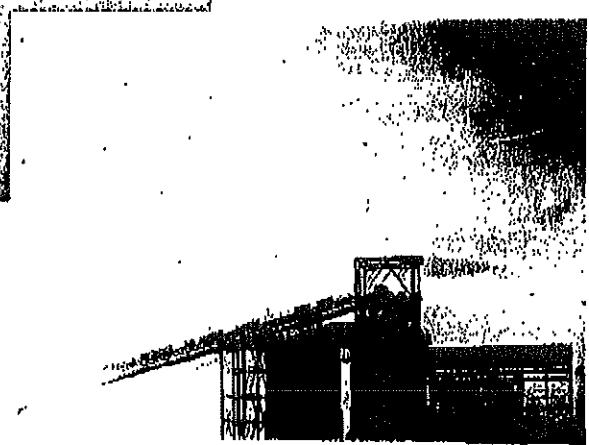
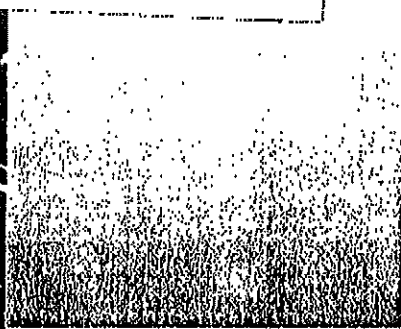
Crops:

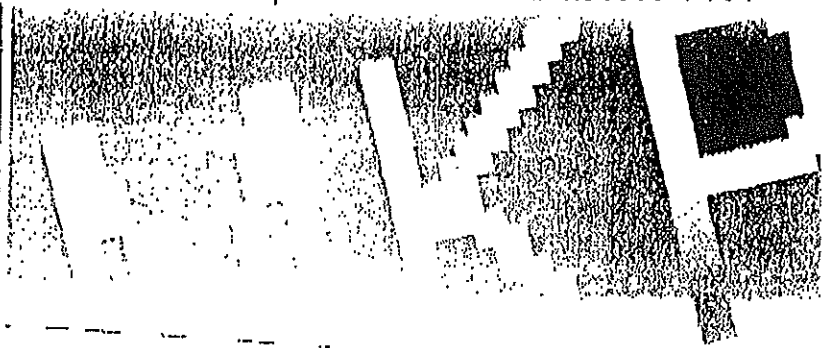
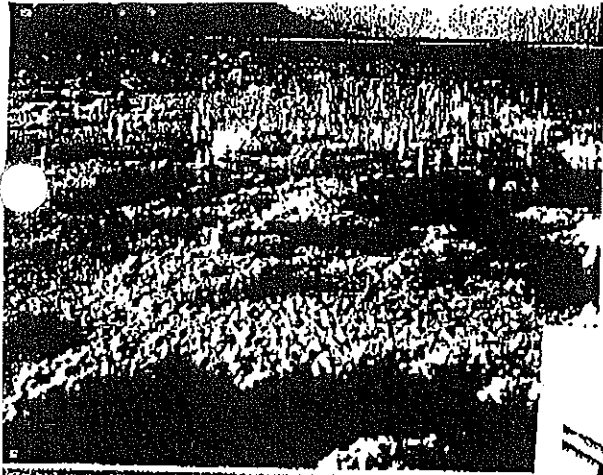
MKP is a specialty fertilizer in intensive agriculture and horticulture, for vegetables, fruits and flowers in greenhouses and open field.

Instructions for use :

Contact your local distributor for individual guidance, since correct application rate depends on many different local factors.

P.O. Box 15292
 Ashdod 77051
 ISRAEL
 Tel: (08) 54520
 Fax: (08) 560215





Joseph (Yossi) Ankori M.Sc. Agr
Chief Agronomist
Rotem Fertilizers Ltd.
and partner in fertilizer

ROTEM FERTILIZERS

P.O.Box 4078, Ashdod 77140, ISRAEL
Tel: 08 560225/07 Fax: 08-560219
Telex: 381890

MKP

Is the most concentrated fertilizer (52% P_2O_5 and 34% K_2O) and contains 100% of plant assimilable nutrients ($H_2PO_4^-$ and K^+).

MKP

Is fully water soluble, practically free of impurities and residual contaminants. It is very low in chlorine and sodium, an important point for fertigation on soilless culture with recycled water.

MKP

Has the lowest salt index among soluble fertilizing salts which makes it ideal for foliar fertilization.

MKP

Is ideal starter fertilizer for seed beds and transplants.



MONO POTASSIUM PHOSPHATE

HORTICULTURE GRADE
 IDEAL FOR FERTIGATION
 AND FOLIAR FERTILIZATION
 FULLY WATER SOLUBLE FERTILIZER

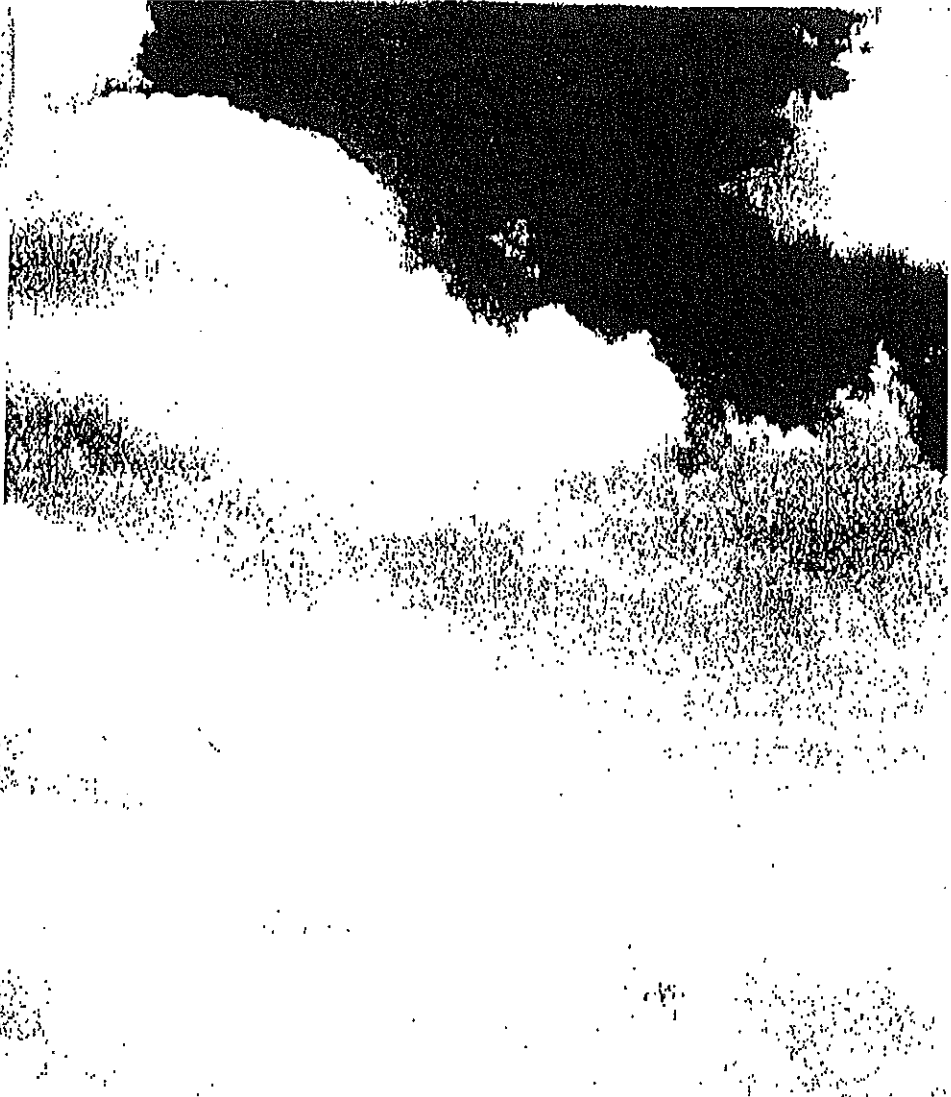
P - MONO POTASSIUM PHOSPHATE
 HORTICULTURE GRADE: 0-52-34

Formula: KH_2PO_4
 Molecular Weight: 136.1

Synonyms: Potassium Phosphate monobasic
 Potassium dihydrogen orthophosphate
 Mono Kalium Phosphate

Analysis (dry basis)

	Guaranteed	
	Typical	min
P ₂ O ₅	52%	51.5%
K ₂ O	34.4%	34.0%
SO ₄	0.2%	0.25%
Cl	20 ppm	60 ppm
F	7 ppm	10 ppm
Ca	50 ppm	100 ppm
Mg	50 ppm	60 ppm
Na	50 ppm	100 ppm
Cd		< 1 ppm
Heavy Metals		< 10 ppm
Insolubles		< 0.1%
Moisture	0.8%	0.5%
Ph. 1% aqueous solution	4.5 ± 0.3	



- Physical appearance
 Granulometry
 Bulk density
 Bulk specific gravity
 Melting point
 Solubility
- white crystals
 - particle size 90% between 0.05 - 0.5 mm.
 - Loose 1.0 - 1.3 Kg/liter
 - Non Hygroscopic, free flowing
 - 253 °C
 - Fully water soluble

°C	0	10	20	25	40	50	60
°F		50		77		122	
g 1000 g water	140	180	230	250	310	420	490

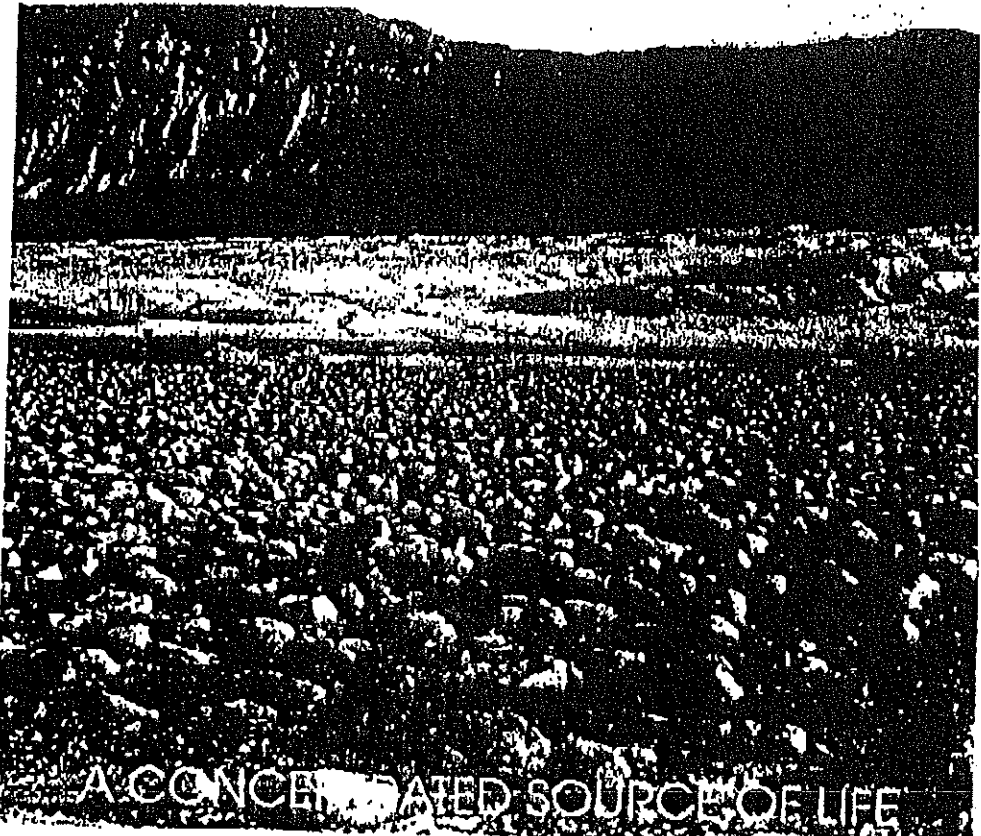
Soil Index 0.4 (= 0.097 per unit plant nutrient)

MKP is produced by the fertilizer company of Israel Chemicals group, based on the abundant natural resources of the Negev desert.

Phosphate rock from sedimentary deposits in the Negev desert. Potash (potassium chloride) extracted from the Dead sea.

An innovative and proprietary process developed at the company's research and development laboratories, enables the production of MKP directly from these basic raw materials (instead of highly refined technical grade phosphoric acid and potassium hydroxide) while the final product meets the highest standards of quality and purity.

This dramatic innovation results in the possible use today of MKP in many applications where it was not economically viable in the future, despite of its obvious chemical and agronomic advantages.



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