

The logo for ekintek, featuring the brand name in a lowercase, white, sans-serif font. A stylized white leaf icon is positioned above the 'k'. A thin horizontal line is placed below the text.

ekintek

Ekintek Mineral

Growing power from the heart of nature

**Natural soil conditioner
& plant booster**

100% natural · 60+ mineral elements



ekintek.ir

More than a soil conditioner

Ekintek Mineral is a 100% natural mineral fertilizer, extracted directly from nature and micronized with no chemicals or other mineral additives. It restores depleted soils, lifts crop quality and carries more than 60 useful elements — especially the micronutrients most farmland now lacks.

60+

mineral elements

100%

natural, no additives

Organic

farming compatible

Why Ekintek Mineral

- 01 A healthy, sustainable way to feed soil and plants
- 02 Among the leading mineral soil amendments worldwide
- 03 Free of substances harmful to people or the environment
- 04 Improves soil structure, microbial activity and root health
- 05 For field crops, orchards, greenhouses and urban greenery

Compared with conventional chemical fertilizers

	Ekintek Mineral	Conventional
Source	Natural mineral deposit, no additives	Industrially synthesized
Soil	Restores soil, boosts microbes	Acidification, dependency
Plant	Balanced growth, stronger roots	Fast but shallow growth
Persistence	Slow, steady, long-lasting	Short-term, frequent re-dosing
Organic use	Permitted and recommended	Not permitted

A treasure of rare and essential elements

Chemical fertilizers focus on the main nutrients. Ekintek Mineral returns more than 60 active mineral elements to the soil, naturally and in balance.

K

Potassium
Root growth

Mg

Magnesium
Photosynthesis

Ca

Calcium
Disease resistance

Al-Si

Aluminosilicate
Soil structure

Fe

Iron
Prevents yellowing

S

Sulfur
Better flavour

60+

More elements
Natural blend

Mn

Manganese
Metabolism

P

Phosphorus
Roots & flowering

Guaranteed analysis (% w/w)

Total potassium	K ₂ O	4	Total manganese	MnO	0.07
Total calcium	CaO	6	Total sulfur	S	2
Total iron	Fe ₂ O ₃	6	Total silicon	SiO ₂	50
Total magnesium	MgO	7	Total aluminum	Al ₂ O ₃	13

Most of the mass is silica and aluminosilicates, which improve soil structure and help it hold water and nutrients.

Restored soil, better crops

Root development

Wider roots, deeper nutrient uptake

Soil structure

More aeration and porosity, active microbes

Produce quality

Better taste and colour, longer shelf life

Growth & yield

Uniform growth, more flowering and yield

Yield stability

Steadier output across seasons and harsh weather

Less pesticide

Stronger, more disease-resistant plants

Applications



Field crops — wheat, corn, rice

Deeper roots; tolerance to cold, drought and poor soils



Orchards — apple, grape, citrus, pomegranate

More fruit set, better flavour, less premature drop



Greenhouses — tomato, cucumber

Fewer costly chemical inputs, continuous harvests



Green spaces & lawns

Lasting greenness without chemical boosters



Indoor plants

Gentle feeding, no root burn, odourless

Proven, certified and trusted

Effect of different doses on nutrient uptake and growth of maize, wheat and chickpea under controlled conditions — Ferdowsi University of Mashhad

Improvement %	Corn	Wheat	Chickpea
Plant height	20.8	27	55
Plant weight	34	81.8	89
Plant moisture	38	22	43
Root weight	24	21	170
Greenness	25.7	16.8	6
Calcium uptake	85	65	35
Potassium uptake	47.3	79.4	26.4

Figures are % improvement over the untreated control.

Leaf yellowing in Albizia trees — Tehran Municipality, District 22

Iron deficiency was the main cause. After soil application and foliar spraying, leaf iron and calcium rose substantially, chlorophyll a and b increased and the yellowing cleared completely.



Compliant with Iran's national organic standards



Registered fertilizer, Reg. No. 91170



Tested and verified for agronomic efficiency



Meets heavy-metal and harmful-element limits

How to apply

Spread around the base of the plant like a granular soil amendment and mix lightly into the topsoil.

Field crops	150–300 kg/ha
Vegetables	100–150 kg/ha
Trees	100 g per year of tree age, yearly
Seedlings & shrubs	50–200 g per year
Lawns	15–25 g/m ² each season
Potted plants	1 tsp per 5 cm pot diameter, every 4 months

- Sandy soils: the rate can be raised to hold moisture and reduce leaching.
- Do not apply together with chemical fertilizers. Not for pit or trench application.
- Heavy or saline soils: ask our agronomists for guidance.



Let's grow together

We welcome farmers, distributors and agricultural experts. Distributor enquiries are welcome.

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