

Product	Agricultural lime Dolomitic quicklime Inorganic soil conditioner; type Ca-Mg conditioner
Substance name	Calcium magnesium oxide, CaO×MgO
Manufacturer	INTERCAL d.o.o. Tvornica vapna II (Lime factory II), Ruđera Boškovića 52, 43541 Sirač phone: + 385 (0)43 322 129, fax: + 385 (0)43 442 015 e-mail: info@intercal.hr
Use	Neutralization of acidic soil, repair of soil structure, increase of biological activities.

Chemical composition	S.T. (dry matter) – 105°C	%	99,79
	H ₂ O	%	0,21
	CaO	%	53,37
	MgO	%	40,89
	Ignition residue (1100°C)	%	97,00
	Loss on Ignition (1100°C)	%	3,00
	Solubility in H ₂ O	%	15,95
	Solubility in HCl	%	92,21
	Fe ₂ O ₃	%	0,534
	Al ₂ O ₃	%	0,1498
	SiO ₂	%	0,401
	MnO ₂	%	0,0413
	Cu	mg/kg	3,39
	Zn	mg/kg	9,87
	Cd	mg/kg	< 0,1
	Pb	mg/kg	5,75
	Ni	mg/kg	2,56
	Cr	mg/kg	11,48
	Hg	mg/kg	< 0,01

Total content of trace elements is within custom values for this type of material. Content of heavy metals is below maximum permissible limits according to *Regulation on the protection of agricultural land from pollution*.

Additional properties	Product is dispatched in four grain sizes: <ul style="list-style-type: none"> • 0 - 3 mm • 0 - 5 mm • 1 – 3 mm • 3 - 10 mm
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	NAME	DATE
WRITTEN BY	Kornelija Bogdan	2019-08-21
APPROVED BY	Dario Andrijević	2019-08-21

Application For all crops and soil types.

Prior to use, it is advisable to conduct soil analysis in order to determine required lime quantity. Application must be performed repeatedly on acidic soils, until the optimal pH value is achieved. It is recommended to use lime prior deep processing for perennial crops, prior basic or before shallow tillage. Avoid application just before sowing and planting, respectively (at least 2 - 4 weeks before). It is important to mix lime thoroughly with soil during application.

Application period

Field crops:

- late fall, winter and early spring
- summer, after harvest of grains

Meadows, pastures and lawns:

- late fall, winter and early spring
- summer, after hay making

Gardens, orchards and vineyards:

- late fall, winter and early spring

Soil	pH of soil in KCl					
	do 4,5	4,6	4,8	5,0	5,2	5,4 - 5-5
Sandy soil	3,0	2,5	2,0	1,5	1,0	1,0
Loamy sand soil	3,5	3,0	2,5	2,0	1,5	1,5
Sandy loam soil	4,5	4,0	3,5	3,0	2,5	2,5
Loamy soil	5,5	5,0	4,5	4,0	3,5	3,0
Clay loam soil	6,5	6,0	5,5	5,0	4,5	4,0
Clay soil	7,0	6,5	6,0	5,5	5,0	4,5

Storage in dry and tightly closed containers, away from substrate
 Expiration depending on exposure to atmospheric conditions; 4 months in appropriate storage
 date conditions
 Means of Bulk, Big Bag, Natron Bag (25 kg, 30 kg)
 delivery

Hazard pictogram

HAZARD STATEMENTS

- H315: Causes skin irritation
- H318: Causes serious eye damage
- H335: May cause respiratory irritation



PRECAUTIONARY STATEMENTS

- P102: Keep out of reach of children
- P280: Wear protective gloves/protective clothing/eye protection/face protection
- P305+P351+P310: IF IN EYES: Rinse cautiously with water for several minutes. Immediately call a POISON CENTRE or doctor/physician
- P302+P352: IF ON SKIN: Wash with plenty of water
- P261: Avoid breathing dust/spray
- P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in position comfortable for breathing
- P501: Dispose of contents/container in accordance with local/regional/national/international regulation

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