



Growth Magic KOY-LOGIC Potting Mix Plus Zeolite



- A superior quality coir/bark/zeolite mix at a standard price.
- Excellent short or long term quick growth blend.
- Equally good results in small pots to large bags.
- Greatly improved drainage, water holding ability & air filled porosity.
- Optimum growing conditions provided by added Zeolite means accelerated plant growth.
- Rapid growth in both root and plant structure.
- Added microbial stimulants.
- Improves watering and fertilisation by up to 35%.
- Zeolite improves uptake of nitrogen by plants by 175% in potting media (ref: trial by University of New England)
- Addition of premixed nutrient supplements (N-P-K) & trace elements
- An essential source of silica.
- Strong capillary distribution.
- Enhancement of pH buffering action.
- Non-leaching and dumping of fertiliser nutrients.
- Less watering = less fertilisation = less labour.
- Natural wetting agent.
- Pathogen suppressiveness qualities.
- Equally acceptable for native (low phosphorous) and/or exotic growing.
- Less risk of blocking or blinding of potting media.
- High ability to store and deliver catronic nutrients to plant (cation exchange capacity).
- Mixed and tested to Australian Standards (AS3743 - 2003 Premium).

“Koy-Logic makes good sense.”



Other leading potting mix (left); Koy-Logic (right).



Other leading potting mix (left); Koy-Logic (right).



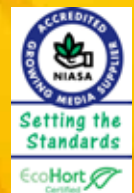
Other leading potting mix (left); Koy-Logic (right).



Other leading potting mix (left); Koy-Logic (right).

Competitively priced and cost effective.

For more information contact: **Green Fingers Potting Mix**
 709 Stapylton- Jacobs Well Road, Woongoolba Q 4207
 P: 07 5546 1099
 F: 07 5546 1011
 E: info@greenfingerspottingmix.com
 W: www.greenfingerspottingmix.com





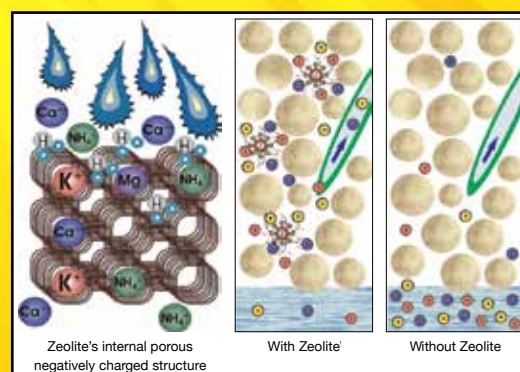
Growth Magic KOY-LOGIC Potting Mix Plus Zeolite How it works



- Koy-Logic** is a premium quality open mix, made from coir chip, composted bark, zeolite and sand, with high air filled porosity and good drainage, which is important to stimulate root growth and prevent root diseases. **Koy-Logic** prevents rapid leaching of nutrients away from the root zones of plants by attracting and holding the nutrients — thus preventing nutrients from washing through the container.
- In the past, growers would typically apply higher rates of fertilisers to overcome these losses due to leaching. This practice is both expensive and inefficient, not to mention damaging the environment with excessive high nutrient runoff. To help our environment's sustainability, this practice is now unacceptable.
- A key ingredient, Zeolite carries a negative ionic charge which naturally attracts positive charged cations like ammonium, potassium, magnesium and calcium. The open crystalline structure of Zeolite has many storage sites for these ions, which hold naturally through a loose chemical bond, allowing these fertiliser ions to be available for uptake by plants. Zeolite has a very high cation exchange capacity and thus increases the mix's ability to hold and release nutrients. As cations are water soluble, they escape from mixes by leaching.
- Koy-Logic** works as a fertiliser "battery" — charging when free nutrients are available; holding them from leaching and releasing them to the plant as required. **Koy-Logic** buffers the dumping of nutrients by slow-release fertilisers under hot conditions by storing them for use by the plant instead of increasing dam E.C. levels to extremes.
- Koy-Logic** will soak up excess ammonium and other cations in mixes often released under hot conditions, preventing root burning. **Koy-Logic's** use with fertilisers can help buffer pH levels, thus reducing the need for lime applications.
- Koy-Logic** has a superior capillary distribution action of water due to the addition of coir chip and zeolite and has highly porous properties, assisting infiltration, holding water higher within the pot or bag and distributing water and nutrients more evenly through the mix. This is essential especially for strong root growth under drip irrigation. As fertiliser and materials costs will continue to escalate over the coming years, NOW is the time to minimise the effect of these rises with **Koy-Logic**.
- Koy-Logic's** ability to accelerate plant growth and reduce the loss of nutrients and water into the environment through excessive leaching, means more dollars in your pocket.
- Koy-Logic's** beneficial microbial stimulants also revive and recharge the mix to optimum growing conditions.

Material Comparison C.E.C

Soil Amendment	Cation Exchange Capacity	
	By Weight meq/ per100g	By Volume meq/litre
Sands	<5	<50
Clay Soils	10 – 30	100 – 300
Bark/Sawdust	10 – 20	50 – 100
Organic Manures	20 – 40	100 – 200
Peat	100 – 150	200 – 300
Zeolite	120	1920



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