



# maple biotech pvt. ltd.

J-253 MIDC BHOSARI. PUNE 411026 INDIA. CONTACT +912027130210



## WATER RETENTION AGENT



## SUPERABSORBENT POLYMER

## ABSORBS & RETAINS MOISTURE IN SOIL



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**SUPERABSORBENT POLYMER**



**FORMS HYDROGEL IN  
PRESENCE OF WATER**



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## HYDROGEL RELEASES MOISTURE DURING DRY CONDITIONS



## RESULTING IN OPTIMUM PLANT GROWTH



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## BIODEGRADABLE MATERIAL

## SAFE FOR ENVIRONMENT

contact: [sales@maplebiotech.co.in](mailto:sales@maplebiotech.co.in)



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1. Improvement in size, quality, & colour of fruits & vegetables
2. 10-30% increase in crop yields
3. 30-40% reduction in irrigation
4. 20-30% reduction in fertilizer



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## APPLICATION METHOD

- For field crops gel can be mixed with soil & fertilizer and spread in the furrows
- For fruits & vegetables it must be applied in small quantities on need basis below the root or seed or immediate vicinity



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CROP	SAP-AGRI USED IN KG/HECTARE	PERCENTAGE INCREASE IN YIELD
GROUNDNUT	2.5	12.7
POTATO (SHARAD)	5	21
POTATO (BASANT)	5	6.3
MUSTARD	2.5	14.3
SOYABEAN	5	47.5
ONION	2.5	67.5
TOMATO	2.5	52.3
SUGARCANE	2.5	13.1
WHEAT	2.5	18.3



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## WHERE CAN IT BE USED ?

-All crops, fruits, vegetables & pulses

-Gardens & lawns

-Plantations, spices, rubber, coconut

-Nurseries & seedling beds