







	Advantages of fertigation				
•	<ul> <li>Maximizing crop and soil productivity:</li> <li>Higher yields and top quality of produce</li> <li>Marginal lands (sandy, rocky, shallow and salt affected soils) can be successfully put into cultivation</li> </ul>				
Maximizing fertilizer efficiency:					
	<ul> <li>Accurate and uniform application of fertilizers</li> </ul>				
	<ul> <li>The amounts and concentrations of nutrients are adapted to the plant needs and climatic conditions</li> </ul>				
	<ul> <li>Increases availability and uptake of nutrients</li> </ul>				
	<ul> <li>Reduces nutrients losses by leaching and/or volatilization</li> </ul>				
-	Minimizing production costs:				
	<ul> <li>Large savings on time, traffic, labor and fuel costs</li> </ul>				



























## **▲ICL**

## APPLICATION OF NUTRIENTS FERTIGATION VS. FERTILIZATION



**Conventional preplant fertilizer:** Plants get a larger dosage of fertilizer than they require at the time it is applied. Losses occur.



*Fertigation:* Fertilizers are applied according the need for nutrients, following the uptake rate of the crop.

























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	4.5 5.0	5.5	6.0 6.5	7.0 7.5	8.0
			Nitrates		
	Numinius		Potassium	Calciur	-
_	12/2	2	Phosphates		5
pH values	Iron				>
associated			Magnesium		
with					
nutrient			Sulfur		-
availability	Manganes	-			
in soil	Mangalies				
	Zinc			Molybdenum	
			Copper		
			Boron		

















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