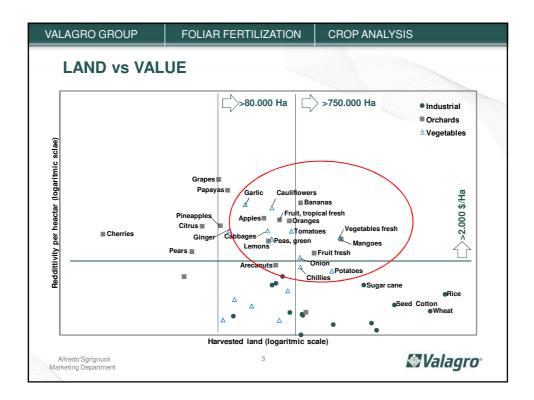
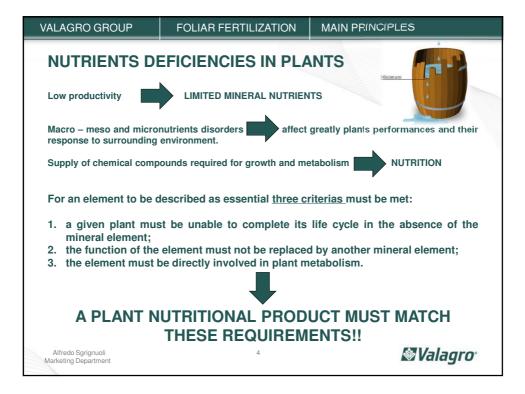
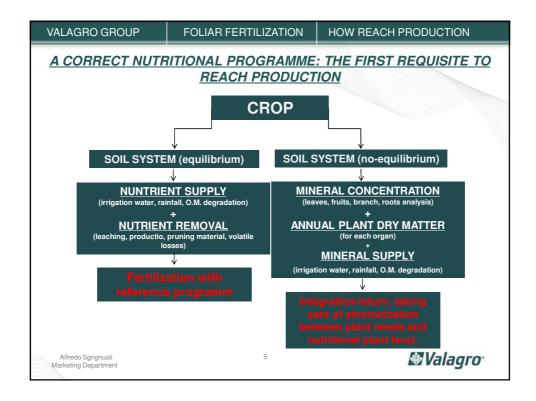


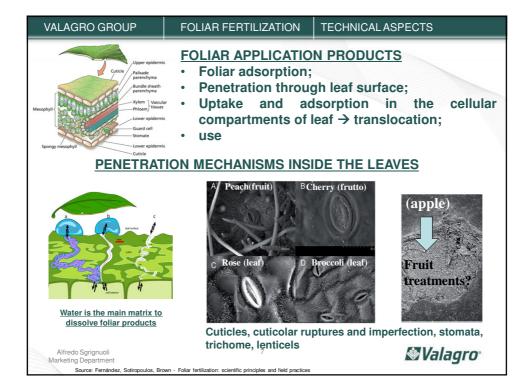
VALAGRO GROUP	FOLIAR FERT	ILIZATIOI		UNTRY INFC	RMATION			
INDIA: A GIGANT SUBCONTINENT!								
Total area: 3.287.263 km ²								
Population: 1.236.000 b. habitants								
AGRICULTURE IS THE BACKBONE OF THE INDIAN ECONOMY It produces 8% of Global Agricultural GDP on only 9% of the world's arable land General land data, 2002-2012								
	2002 2007 2012 Source FA	Total area (1000 ha) 328,726 328,726 328,726 0,2014	Arable land (1000 ha) 159,934 158,104 157,350	Cultivated area (1000 ha) 169,534 169,284 169,650	Permanent crops (1000 ha) 9,600 11,180 12,300			
Alfredo Sgrignuoli Marketing Department		2			<i>™Valagro</i> •			



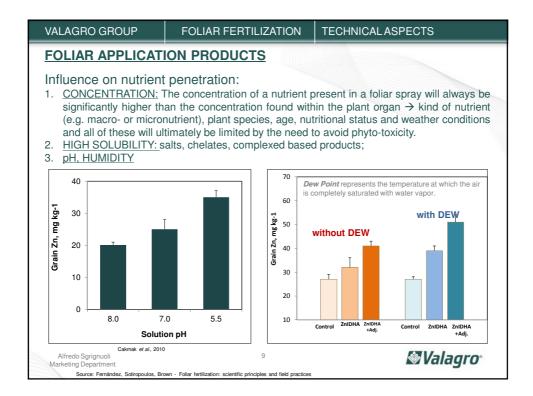


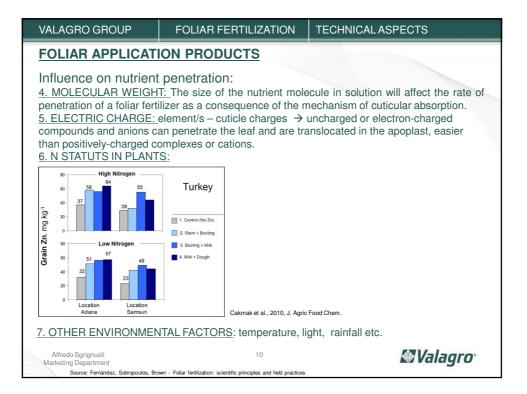




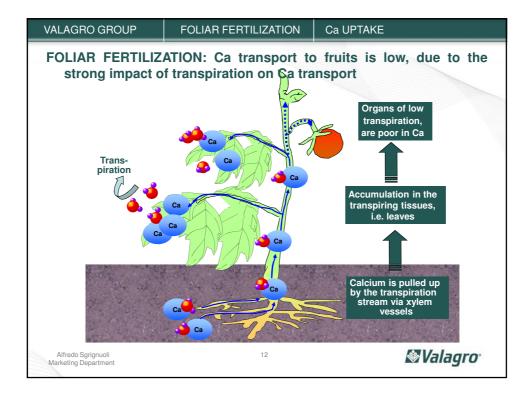


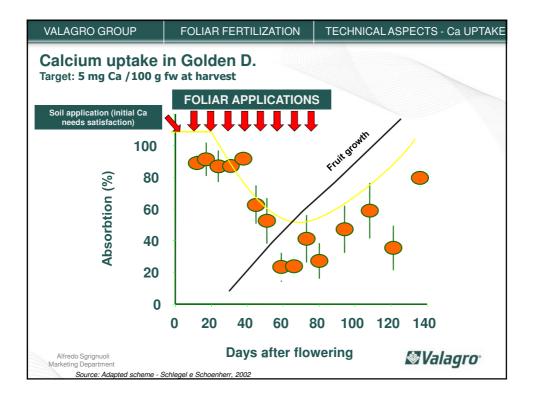
VALAGRO GROUP	FOLIAR FERTILIZATION	TECHNICALASPECTS					
FOLIAR APPLICATION PRODUCTS							
Surface differences of efficacy \rightarrow needs of a		ariety, organs influence spray					
PLANT ORGANS AND SPECIES	AVERAGE CONTACT ANGLE WITH PURE WATE	DROPIMAGE					
Adaxial side of <i>E. globulu</i>	<i>s</i> 140	0					
Adaxial side of Ficus elastica	leaf 83	-					
Calanda peach (<i>P. persica</i>) 130	0					
Apple (<i>Malus domestica</i>) Fruit surface	84						
Alfredo Sgrignuoli Marketing Department Source: Fernández, Sotiropoulos, Brow	8 wn - Foliar fertilization: scientific principles and field practices	<i>to Valagro</i> ™					

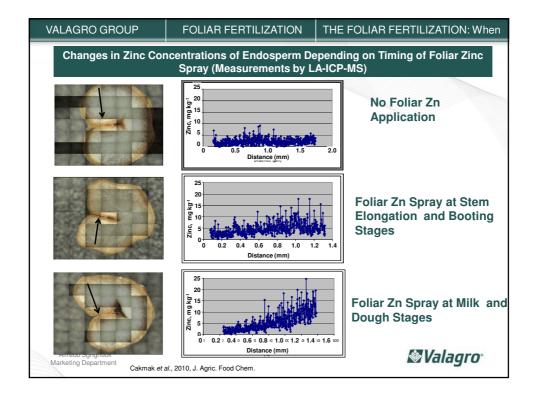


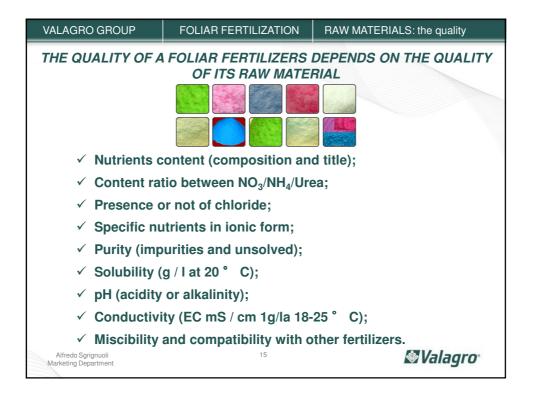


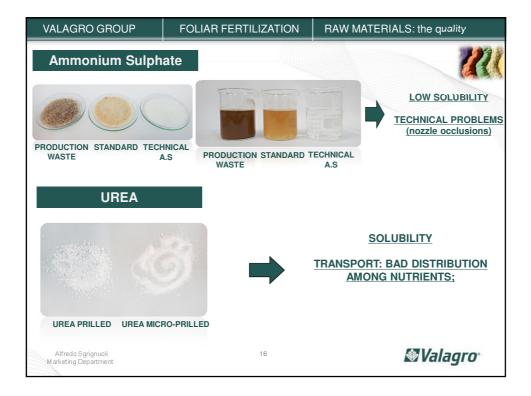
VALAGRO GROUP FOLIAF		LIAR FERTILIZATION	TECHNICALASPECTS				
FOLIAR A	PPLICATION P	RODUCTS					
		f efforts to develop a nould be done in the	adjuvants for herbicide future.	s, more			
	Adjuvant name on label Proposed mode of action						
	surfactant	lowering surface tension					
	wetting agent	equivalent to "surfactant"					
	detergent	equivalent to "surfactant"					
	spreader	equivalent to "surfactant"					
	sticker	increasing solution retention; r	ainfastness				
	retention aid	increasing solution retention; r	ainfastness				
	buffering agent	pH buffering					
	neutraliser	pH buffering					
	acidifier	lowering pH					
	penetrator	increasing the rate of foliar per cuticular components)	etration (e.g. by 'solubilizing'				
	synergist		etration				
	activator	increasing the rate of foliar per	etration				
	compatibility agent	improving formulation compati	bility				
	humectant		retarding solution drying by lowering the formulation's point of deliquescene (POD) on the leaf				
	drift retardant	better spray targeting and depe	osition on foliage				
	bounce and shatter minimiz	er better spray targeting and depe	osition on foliage				
Alfredo Sgrignuo Marketing Departme	ent	11	lt Val	agro			
Source: Ferna	ández, Sotiropoulos, Brown - Foliar fe	rtilization: scientific principles and field practices					

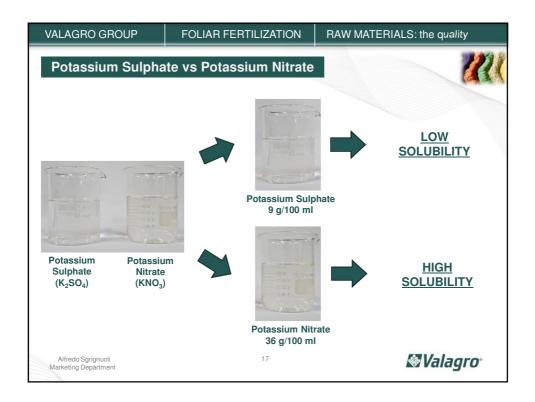


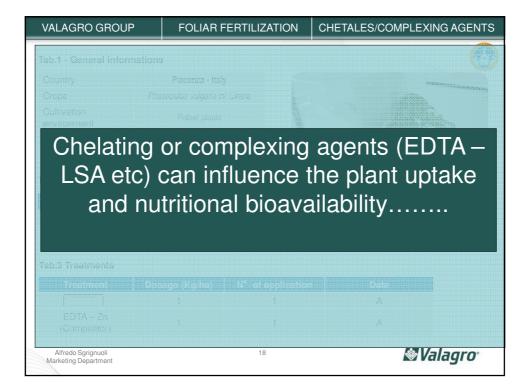




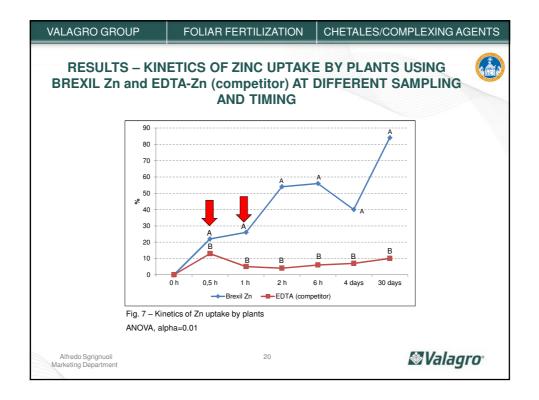












VAL	AGRO GRO	UP FC	DLIAR FE	IAR FERTILIZATION CHETALES/COMPLEXING AG			ENTS		
	Sustainable Cultivation of Durum Wheat								
di	Changes in grain concentrations of Zn and Fe after foliar application of different Zn-containing fertilizers (at 0.1% and 0.3% rates) in wheat grown under greenhouse conditions								
	Treatment	Product	Spray dose 1	TE concentration (mg/Kg)		Spray dose 2	TE concentration (mg/Kg)		
				Zn	Fe		Zn	Fe	
	1	Control	-	17 ± 1	29 ± 3	-	17 ± 1	29 ± 3	
	2	Zn-EDTA	0.1%	23 ± 1	27 ± 2	0.3%	39 ± 3	31 ± 7	
	3	Brexil (LSA)	0.1%	36 ± 1	28 ± 5	0.3%	53 ± 7	32 ± 4	
	Source: data extracted fro	om Harvest Zinc Fertilizer pro	oject.	21			\$	/alagr	0 °

