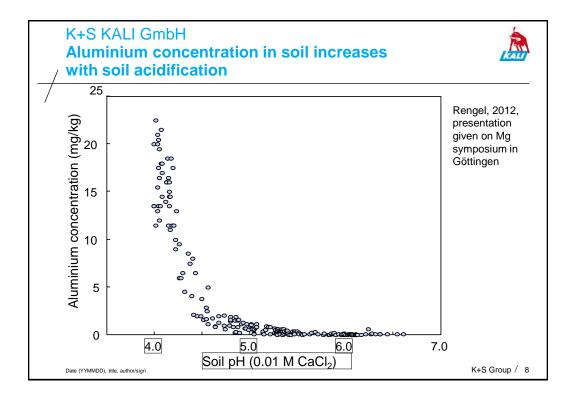
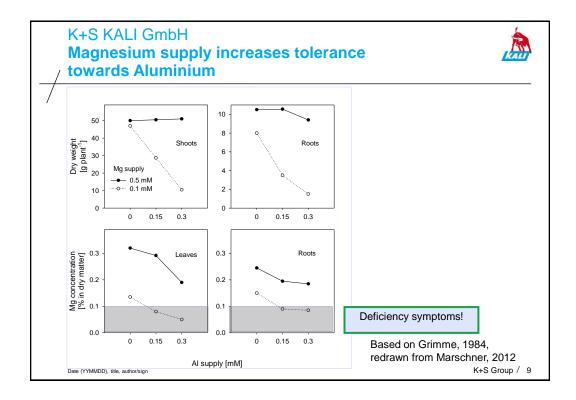
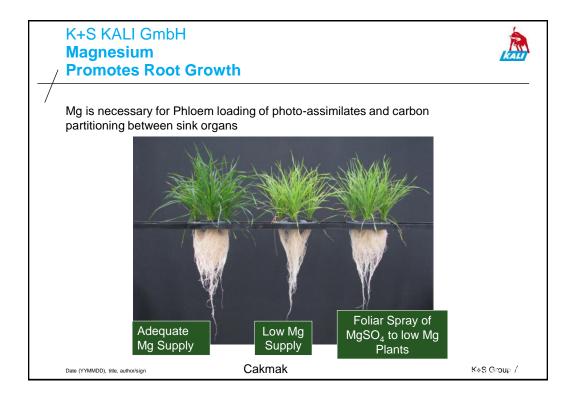
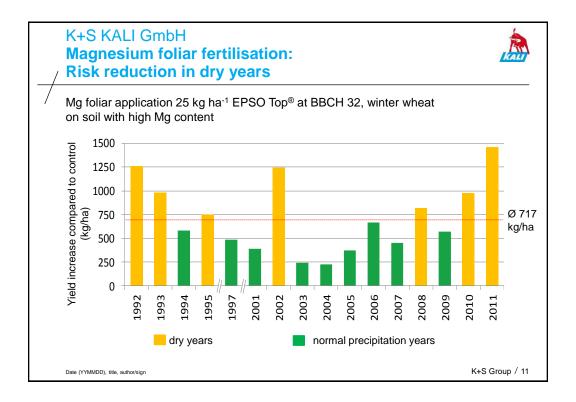


Cation Excha	ange C	apaci	ty (CEC)			Kau
ĺ	рН		CEC _{eff}				
	[CaCl ₂]	[mm	ol _c kg ⁻¹]	Ca	Mg	к	
Soil under field (German	y)						
Luvisol	6.3	170	140	80	15	5	
	7.2	180	180	90	9	0.5	
Fluvisol	5.1	370	250	50	42	3	
Podzols	5.2	120	30	86	6	9	
Soils of other climates							
	6.8	452	470	71	25	0.4	
Andisol (Hawaii)	4.5	531	133	71	20	3.8	
Oxisol (Brazil)	3.5	130	26	2.7	3.5	3.1	>
Ultisol (Puerto Rico)	3.5	256	72	15	8.3	2.8	Based on Scheffer an Schachtschabel, 2002
Aridisol (USA)	9.9	364	-	45	5.5	2.5	K+S Group / 7

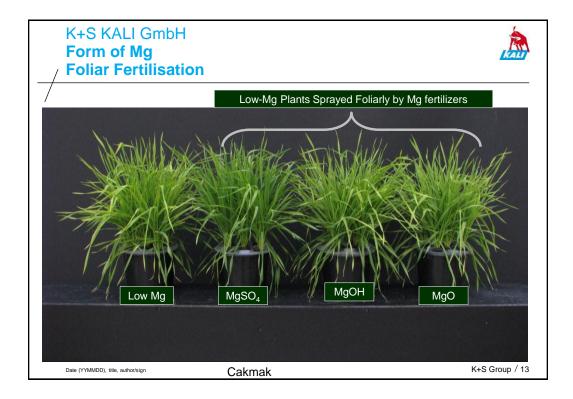


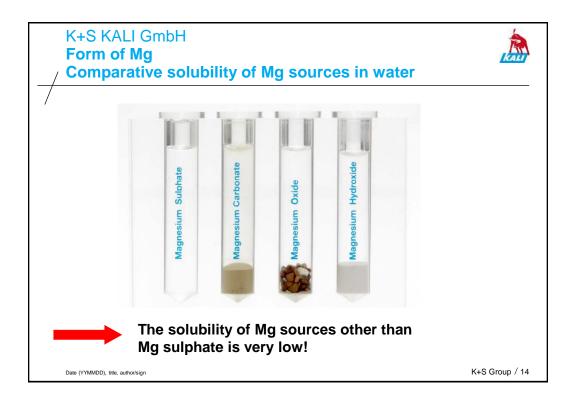


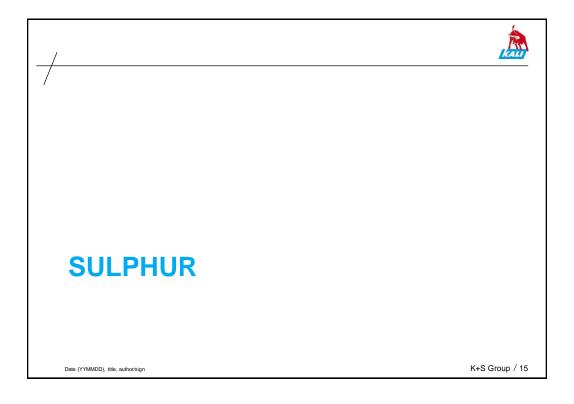


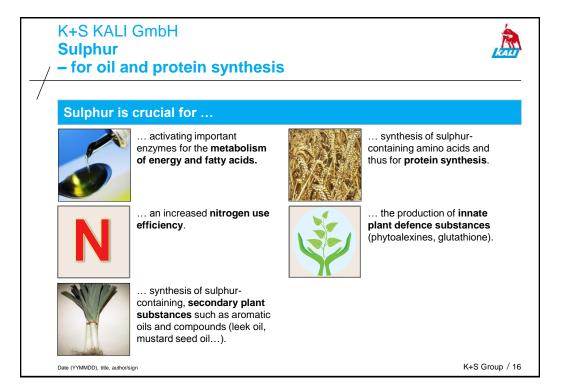


Treatment	Year 5	Years 1-5 combined	Oil to bunch	
-	(t ha⁻¹)	(t ha⁻¹)	ratio	
N+P+SOP	4.35 b	6.00	27.90	
N+P+SOP+1.5 Mg	5.92 a	6.54	28.49	
N+P+SOP+3.0 Mg			29.27	
 Magnesium (EST oil content (O/B) 	,	0 ,	ased FFB yiel	











- Sulphur is immobile in plants \rightarrow Symptoms on youngest leaves first
- Diffuse yellowing, sometimes marbled.
- Leaves form spoon shapes, curl upwards and may become brittle.
- Later, flowers are reduced in number and are markedly pale.

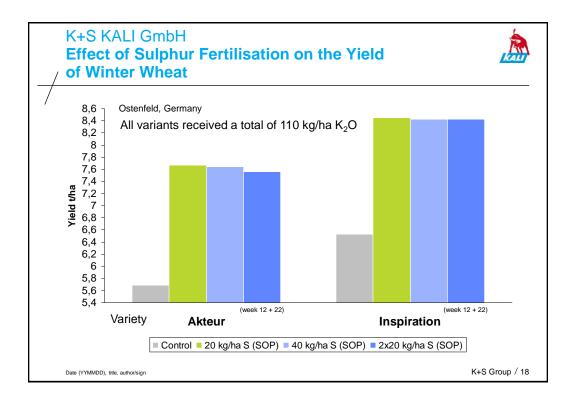


S Deficiency Oilseed Rape Date (YYMMDD), title, author/sign

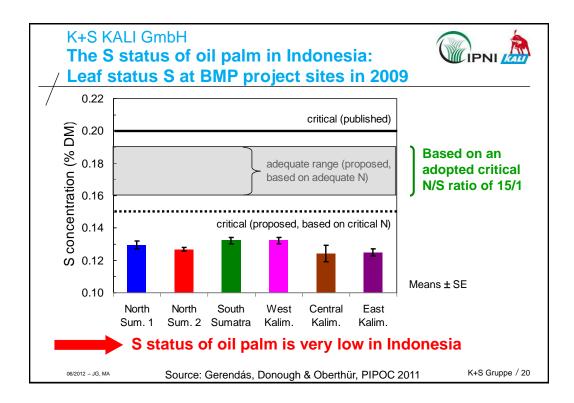


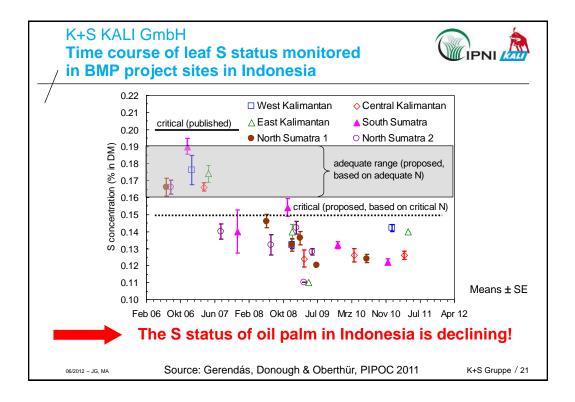
S Deficiency Oilseed Rape

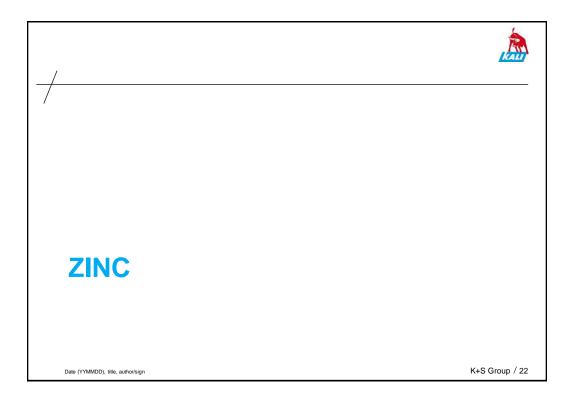


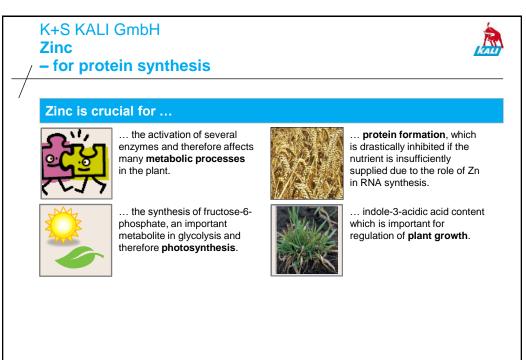






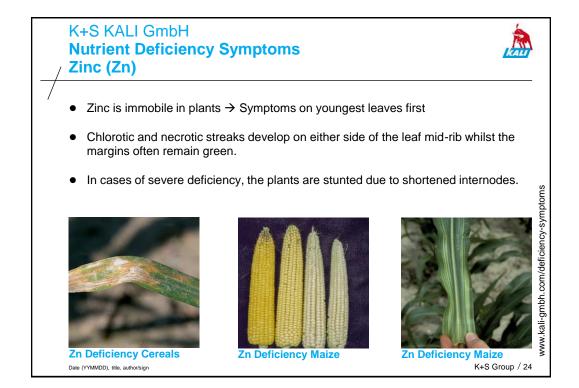


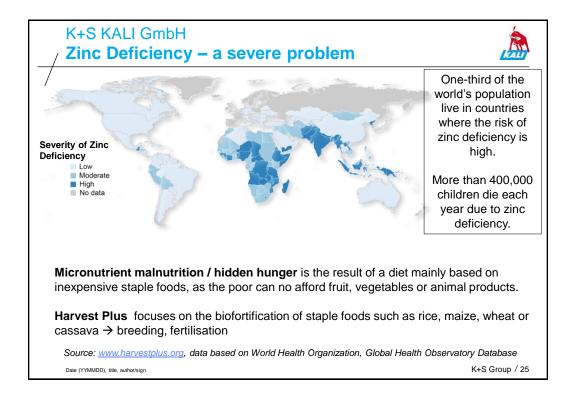


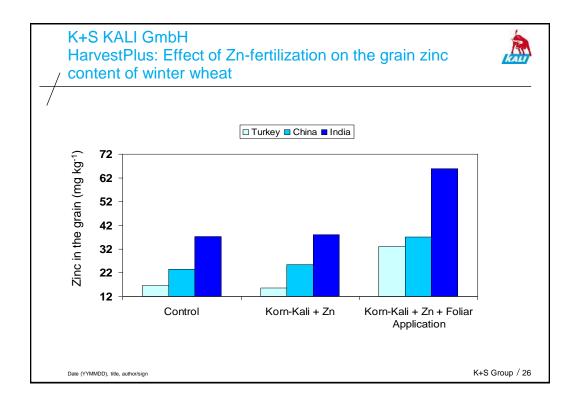


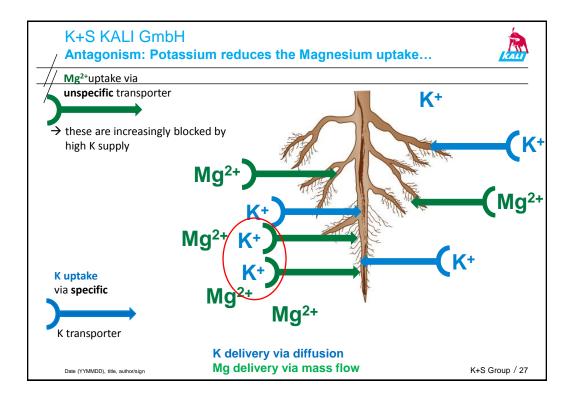
Date (YYMMDD), title, author/sign

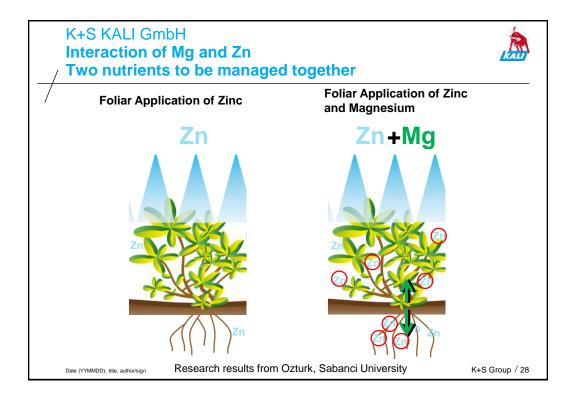
K+S Group / 23

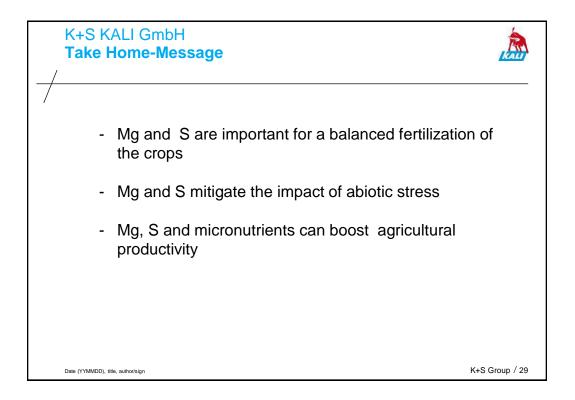












THANK YOU FOR YOUR ATTENTION