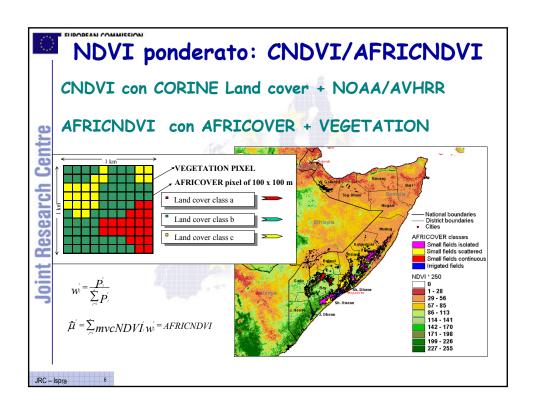
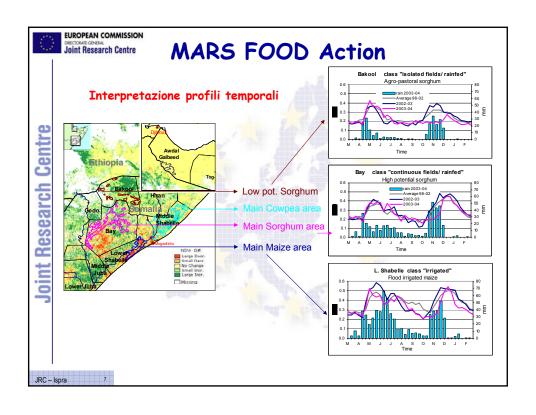
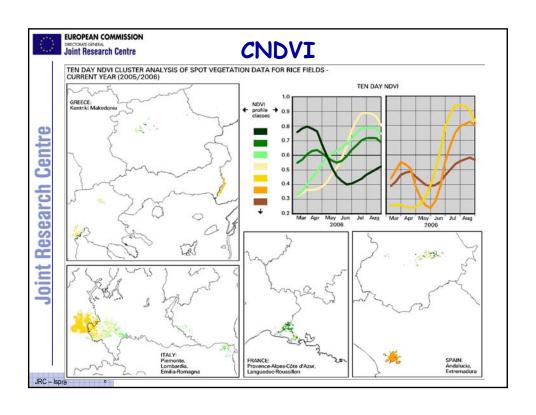
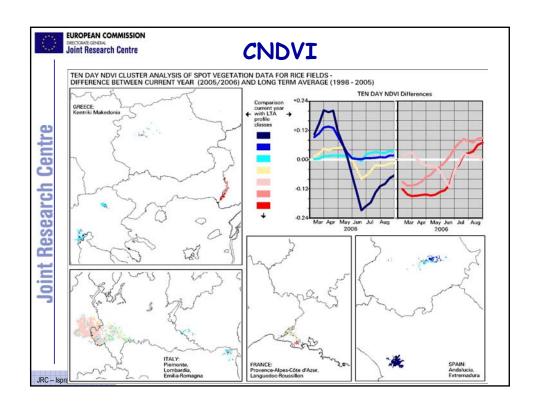


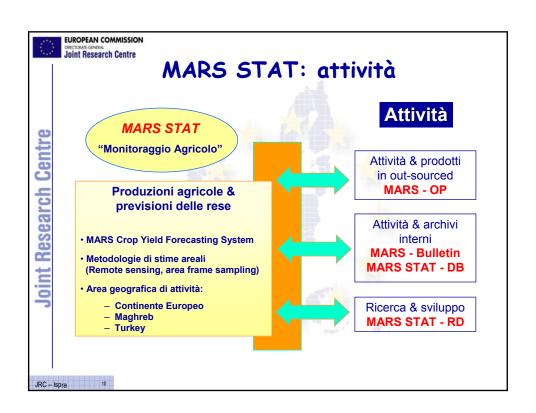
## MARS FOOD Action Metodi operativi usati da MARS-FOOD con dati da immagini telerilevate NDVI ponderato (CNDVI/AFRICNDVI) Interpretazione di profili temporali Analisi comparativa di immagini diverse Durata della copertura nevosa e danni da gelo Stime di accumulo giornaliero di biomassa basate sull'equazione di Monteith (DMP) Previsione di resa (qualitative + analisi di correlazione) - Processamento: software ad hoc (MARSOP-APPLICATION)

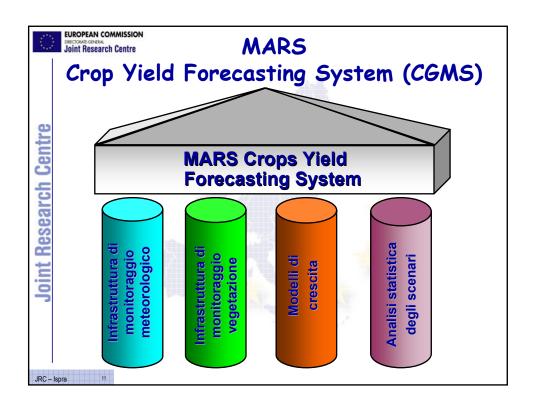


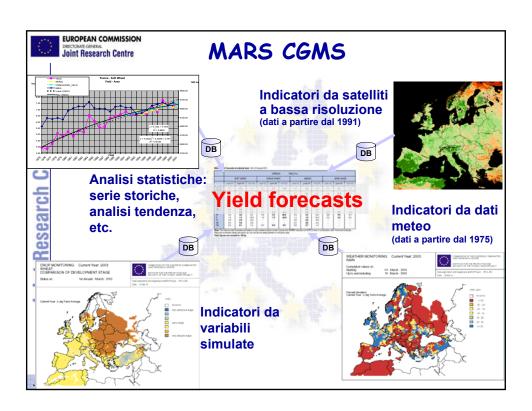


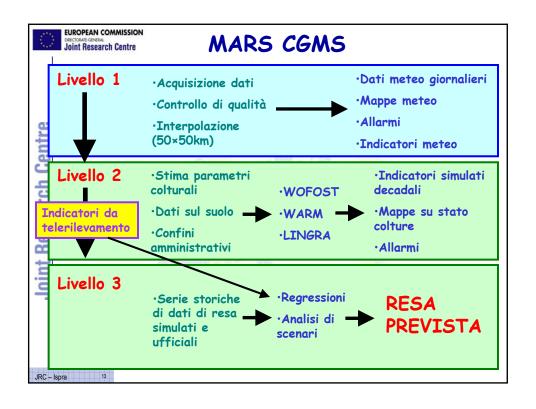


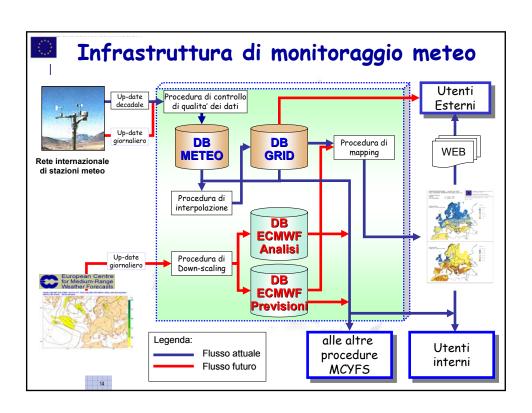




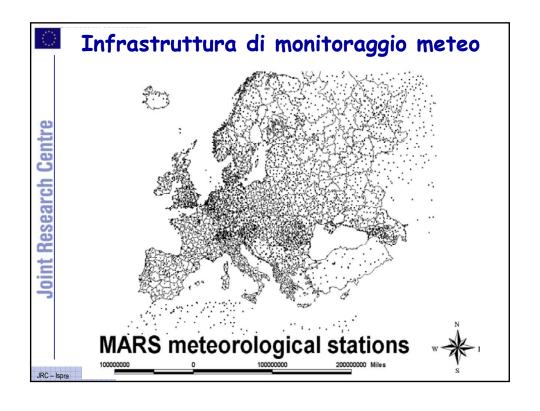


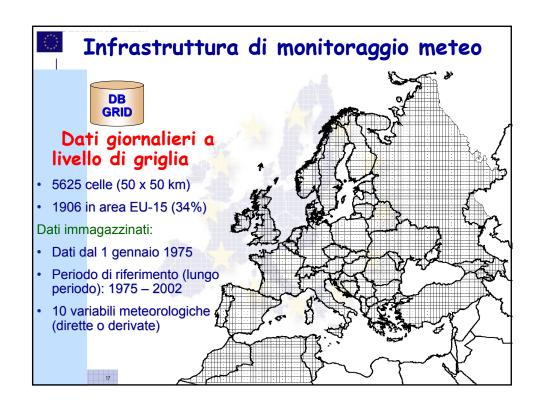


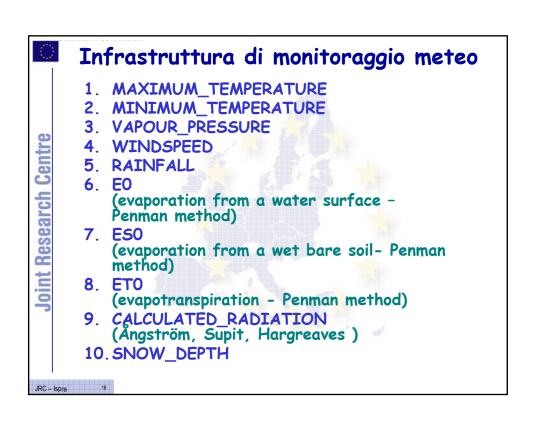


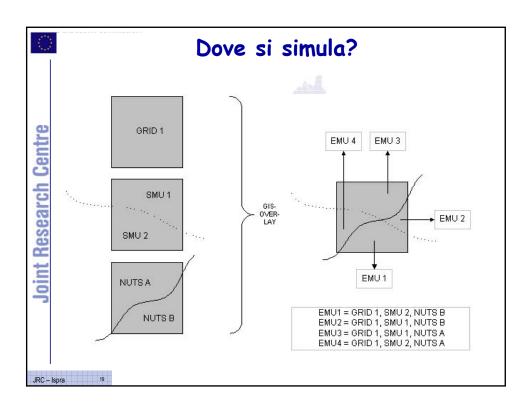


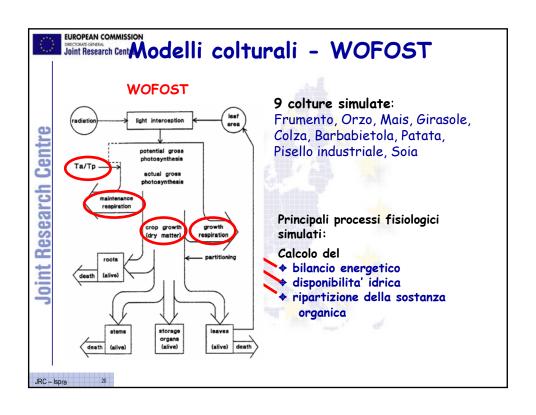


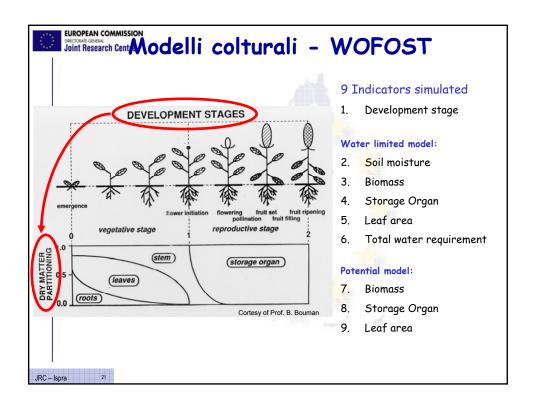


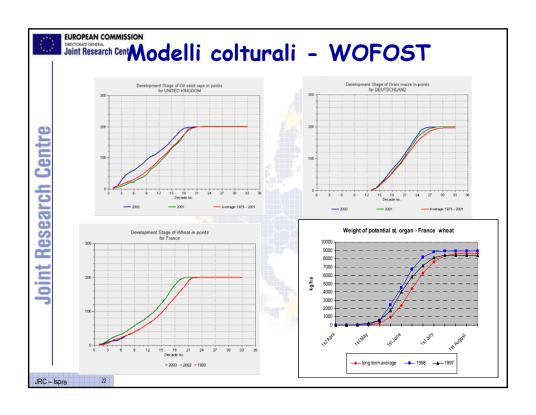


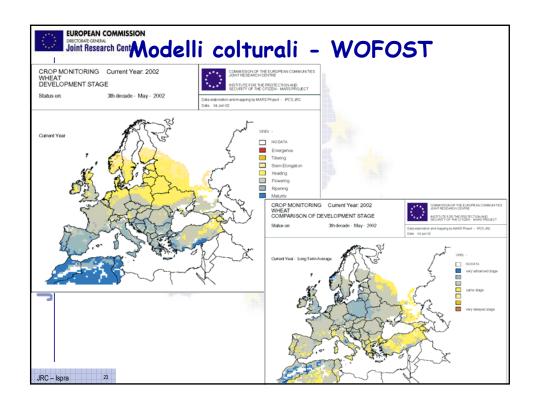


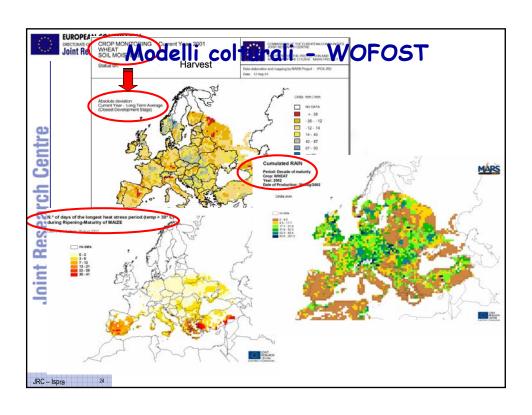












## Processi non simulabili con WOFOST già implementati ed utilizzati Effetto volano dell'acqua di sommersione sul profilo termico verticale Sterilità fiorale Interazione pianta - patogeno

JRC – Ispra 25



## Processi non simulabili con WOFOST in fase di sviluppo

·Fessurazione della cariosside

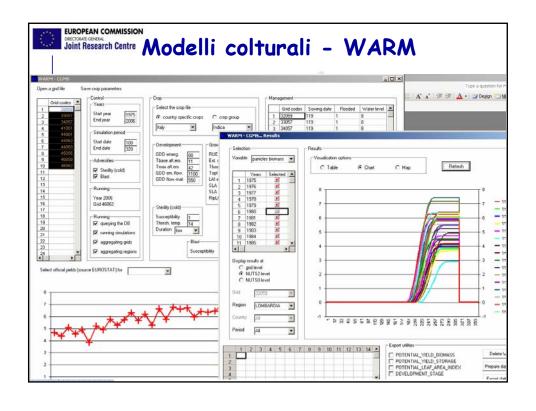
La qualità del prodotto è fortemente influenzata dalle condizioni meteorologiche nell'ultima parte della fase di maturazione. Il riso "danneggiato" ha diversa destinazione, prezzo e mercato.

## ·Infestanti

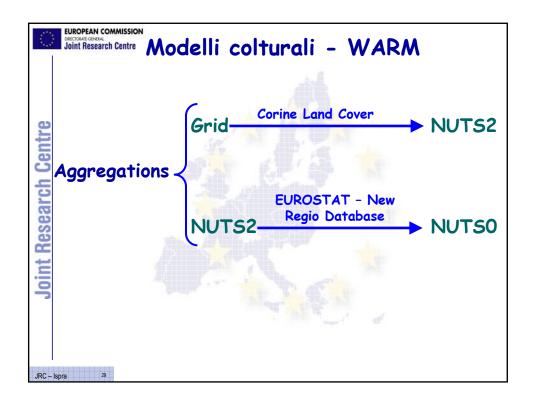
La sommersione ha portato a particolari condizioni che hanno favorito la co-evoluzione di infestanti specifiche molto simili al riso e quindi difficili da combattere

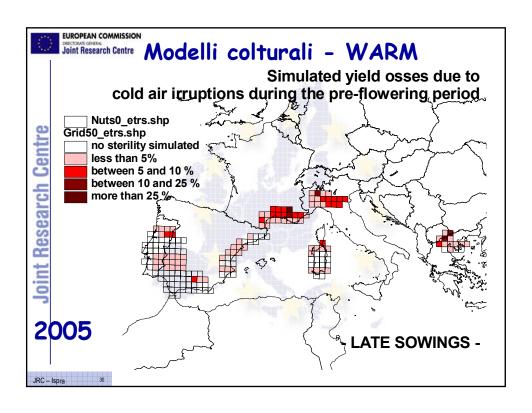
IDC - Ispro 26

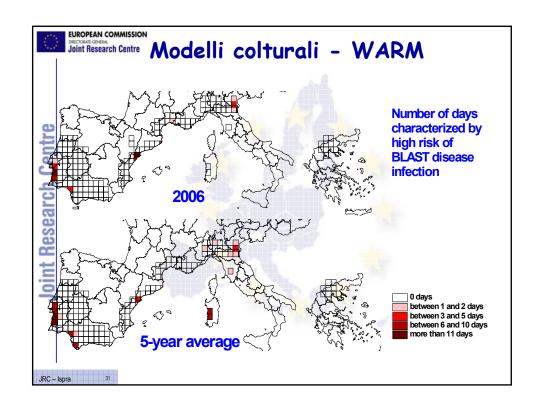
Research

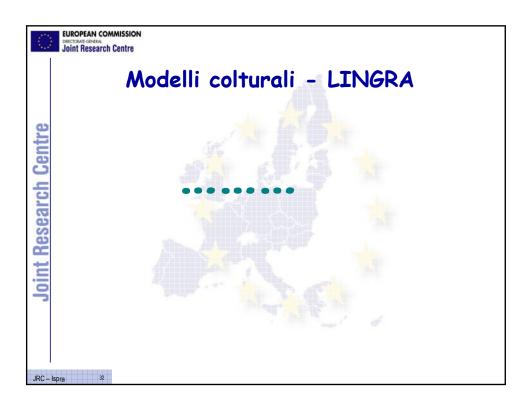


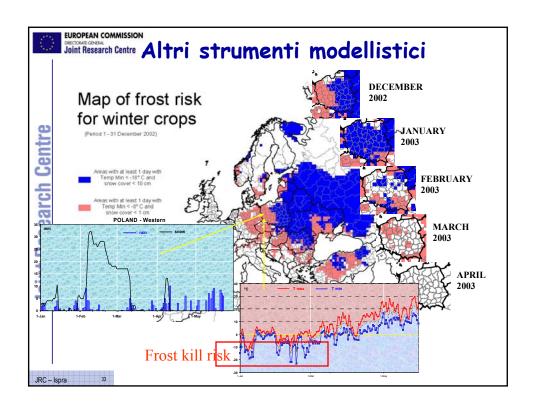


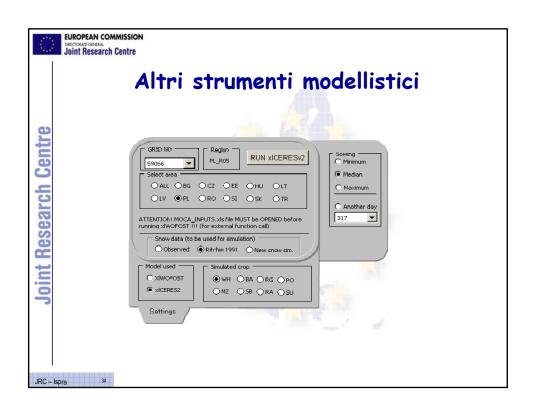


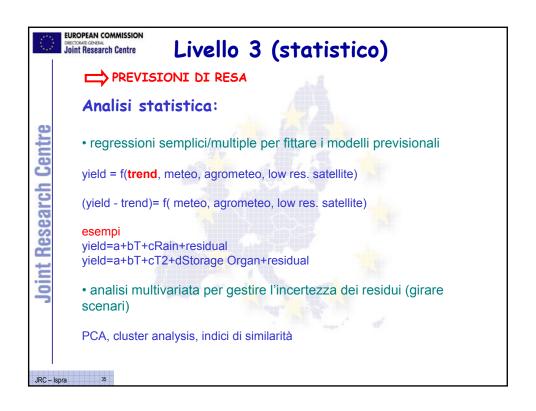


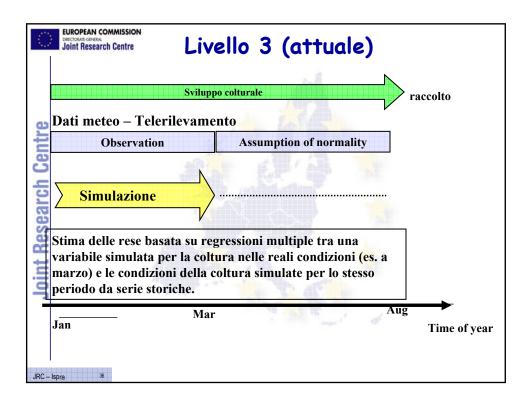


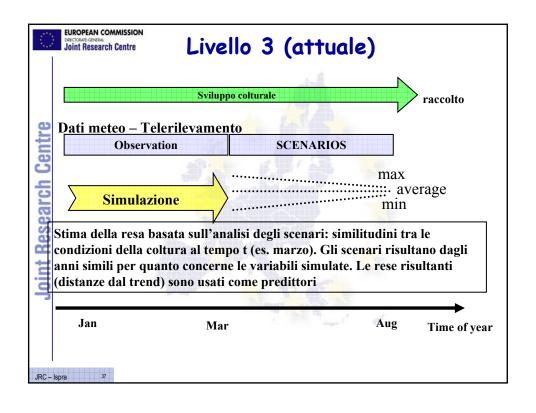


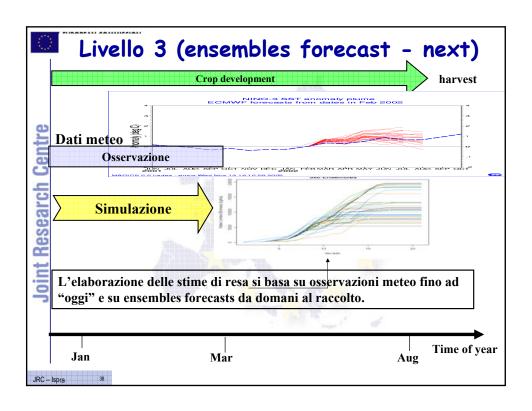


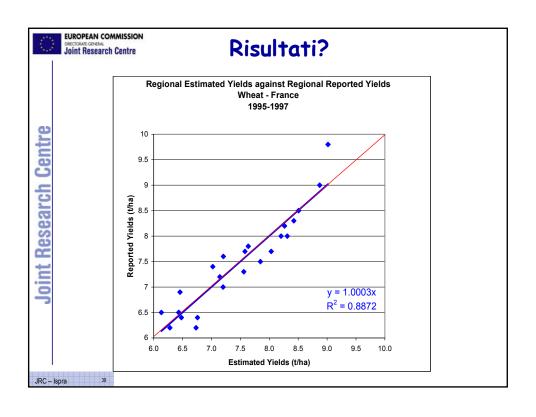












		-		- 5			-2			
	Parl	ame	zni	0 6	ur	ope	0?			
EU-15	Cereals balance sheet: Marketing year: 2002/2003									
	Common					-				
	wheat	Barley	Durum	Maize	Rye	Sorghum	Oats	Triticale	Others	EUR 1
Beginning stocks (01.07.2002)										
Market	12.7	7.3	1.0	5.3	1.0	0.0	26	0.6	0.1	
Intervention	0.5	2.5	0.0	0.0	5.1	0.0	00	0.0	0.0	
Total	13.2	9.8	1.0	5.3	6.1	0.0	0.6	0.6	0.1	
Usable production	93.9	47.7	9.4	40.0	4.7	0.7	6.8	5.2	0.7	20
Import	6.2	0.1	0.4	3.0	0.0	0.1	0.0	0.0	0.2	
TOTAL AVAILABILITIES	113.2	57.6	10.9	48.3	10.8	0.8	7.4	5.8	1.0	2:
USE										
- Human	33.0	0.0	7.0	2.5	1.5	0.2	1.3	0.0	0.0	
- Seed	2.9	2.0	0.8	0.2	0.2	0.0	0.3	0.2	0.2	
- Industrial	6.3	7.4	0.0	4.4	0.2	0.0	0.2	0.0	0.1	]
-Ultra peripheral islands	0.3	0.2	0.0	0.4	0.0	0.0	0.0	0.0	0.0	
- Anim al feed	41.6	31.8	1.0	32.0	2.0	0.7	4.1	4.8	0.4	11
TOTAL USE	84.1	41.4	8.8	39.5	3.9	0.8	5.9	5.0	0.7	19
Solde disponible	29.2	16.2	2.1	8.8	6.9	0.0	1.5	8.0	0.3	- (
Export (1)	16.5	9.0	0.9	2.3 *	1.5	0.0	0.7	0.0	0.0	
End stocks (30.06.2003)										
Market	12.7	6.7	1.2	6.5	1.0	0.0	0.8	0.8	0.3	2
Intervention	0.0	$\theta.5$	$\theta.\theta$	$\theta.\theta$	4.4	$\theta.\theta$	0.0	0.0	0.0	
Total	12.7	7.2	1.2	6.5	5.4	0.0	0.8	8.0	0.3	
Change in stocks	-0.5	-2.6	0.1	1.2	-0.7	0.0	0.2	0.2	0.2	
Change in public stocks	-0.5	-2.0	0.0	0.0	-0.7	0.0	0.0	0.0	0.0	
(1) Grains equivalent.			*) Maize in			cessed produc				
Maximum WT O:	2002/2003									
Wheat incl. durum 14.438	mio t +0,5 mio t food aid 17.40 mio t (food aid included and refund-free)									