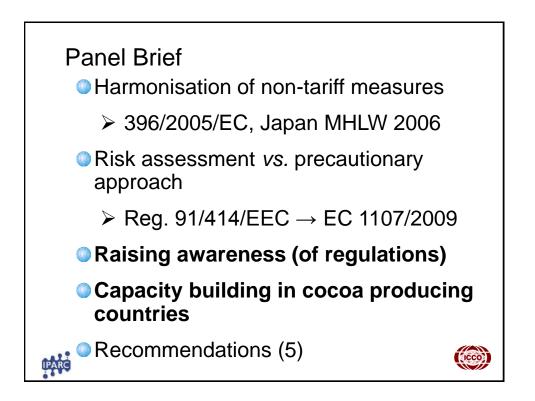
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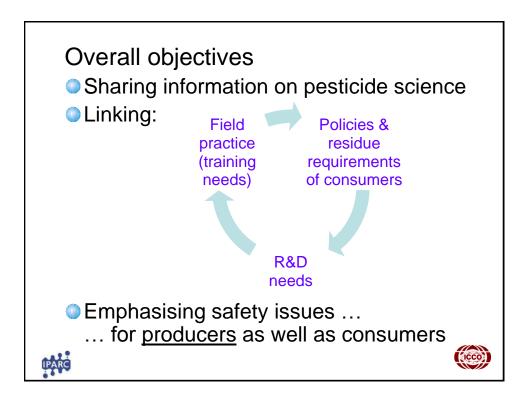
Cocoa SPS: Linking Regulation with Research Needs and Farmer Practices in the 21st Century

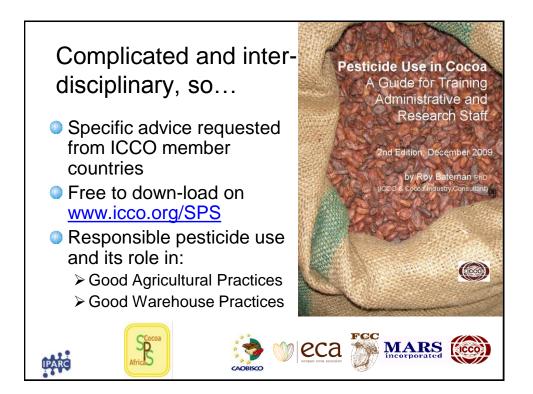
Roy Bateman International Pesticide Application Research Consortium (IPARC)

> World Cocoa Conference Abidjan, Côte d'Ivoire, 19-22 November 2012

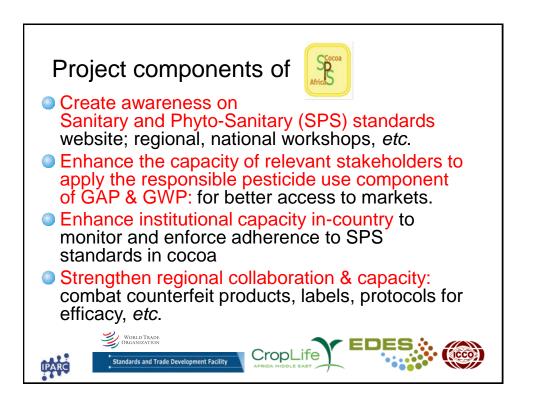












	Published lists of pesticides for cocoa, compliant with market requirements							S	MINISTERE DE LAGINGULTURE DISENTALE DES MPOLUCTIONS ET DE LA DESTINUTION AGRICULT BERGETION GENERALE DESTINUTION AGRICULT BERGETION DE LA POCIFICION BERGETION DE LA POCIFICION BERGETION DE LA POCIFICION DE LA COLLETE								
S/NO 1	PESTICIDI	Ne collabor COCCOA ASSOCI LIST OF REC ES FOR USE (ACTIVE INGREDIENT	COMMENI ON COCO	DED DA IN NIGE FORMULATION	RIA	ANNUAIR	E DES PESTICIDES CJ	ICAO HOMOLOG	UÉS ET	RECOMMAN	IDËS AU	CAME			hytosanitai Côte d'Ivoir	•	∱⊾ ₩
	Dursban	Chlorpyrifos 48%	Organo- Phosphate	Emulsifiable Concentrate (EC)	Mirids			1 - INSECTICI	IDES							r	-
-	Actara	Thiamethoxam 25%	Neonicotiniod	Wettable Granule (WG)	Mirids	Non Commercial	References d'Fornologation	Principe and & taneur	Formulation	Date	Ertelage	Nepotites	promoteur			10 grain	1 2 · · ·
	FUNGICIDE			(WG)	-	ACTARA 25 WG	MO/10THINGMOX/NUPCATIONS	Thianathosan 250php	100	Sachat-dase 4 g Ipuly 15 L d'anu	theilad g	JACO	DINGENTA	1	us droits rér	1. Stan	12
-	Ridomil Gold	Metalaxyl-M 66%	Phenylamide	Wettable Powder	Black Pod	BORADYN MAS ZC		Thianathouan 26pl. +	25	di minuty 151		-	STREETA		SS GEVES IN		12
		Course that with	Hydroxide	(WP) Wettable Powder	Disease Black Pod	CYTERPLANT IN FC	11556/BHEIRDCAPHACAR	Lands-Cylaistivise tSpl. Mpl. Cupermittyine	BC .	d'eau 38-48-06/115L	Silleri-TL	400	1400			1-1-2	110/001
	Funguran-OH	Copper Hydroxide	and the second s	(WP)	Disease	CYPERPLANT 100 EC	MUTTINHOROCOMPOSICION	10hpl. Copworthins	EC .	23mi /15L disas	S. Storiet,		0345			anna anna	10-10-
	Nordox 75 WP	Copper Oxide	Oxide	Wettable Powder	Black Pod Disease	GAWA 30 SC	34594/NEIKONG/CRIPIN/CAM	Inidecisprid Styl.	80	TL/Ne	R. 11R.	FIRET	ARTETALS			1	8.1
	Champ D.P	Copper Hydroxide 75%	Hydroxide	(WP) Wettable Powder	Black Pod	GROSPLANT 450 EC	00011/INFROMO/CAMPCATIONR	4Mgl. Chicopyritus-Empl	80	38-48 mi /15. feau	300-st.	aico	JACO	1			
				(WP)	Disease	HON 79 WG		Inidackyride 700gWg	WG	BigHalapplication	-	ADROCHEM	A.N.	1			
3	HERBICIDE			Los Ma	Weeds	IRON 38 SC	INTERNET INFORMATION	Indextoyride Styl.	SC .	1LNuispolcation	11-16	ASPOCHEM	AN	1			
	Touchdown Forte	Gypnosphate		Soluble Concentrate	weeds	K-OPTIMAL	ATMINISTRACION PERITAN	Lands-cyslethrise 15% + Acromitelia 2%	60	1LMa	11-051	-	10	1			
	Round up	Glyphosphate		Soluble	Weeds	ONEX 30 SC	anterna concercances	+ Austamprice 2 %, Insideckaprice 55pt.	90	11.09	11.	ADCE	354	1			
	STORAGE			Concentrate	-	PARASTAR 40 EC		Lantida-cytalacticine 2%. • Initiationride 2%	60	875-1136	11-5	-	-				
	Actellic 25 EC	Pirimiphos Methyl		Emulsifiable	Beans				~		11-3L						
	Participa 25 EC	Participanes Pietriyi		Concentrate		PLANTINA 30 SC	4918190HOMOICNEPPCATIONR	MgA. Inidiaclopride	sc	83-135 ed illiandaeux de 108. 195 mil 196a	S.	-8400	0345			-	
した日本をあ		Lindane 19 Parathion 20 Methyl Parathion 21	Methamidophos Chlorobenzilate Tokaphene Pentachilorophen Ethylene Oxide	(PIC) LIST 22. ED8 (1,2-6br 23. 2,4,5 Trid 24. DNOC ar 4,6 Dinib	omoethane) hiorophonol d.its salts	PROTELIS INDIO REC		High Telestopie - 20pt Delawathew	0.152	ar Boldoniau)	6:250 mi		BLIEFE CS			Africa	S

Major field pests o	of cocoa	
Pests and Diseases	Potential Losse	es
Black Pod	550 000 (tonnes*)	
Mirids (capsids)	250 000	
Cocoa Pod Borer	300 000	13 -
Moniliophthora spp., VSD	370 000	phôto: RPB
Swollen Shoot Virus	50 000	
* cocoa industry estimates		17th
IPARC		* * ,

Major field pests of cocoa

Pests and Diseases

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* Black Pod	550 000 (
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* ... spraying with pesticides remains a principal control option



