SUMMARY OF FRC PROGRAM EFFORT

Critical to B&W Business Needs and Should be Done at B&W (A)

FRC Work Area	Subject	FRC Effort (MY)
911.01	Tobacco Modification	4.8
.100	Improvement of smoking quality	
.200	Product-precursor relationships	
911.04	Filter Materials	
.200	Carbon and zeolite filters	(1.5)*
911.06	Chemosensory research	
.100	Impact and irritation	(1.0)
.200	Aftertaste	(2.0)
.300	Body and mouthful	(2.0)
911.07	Special analytical projects	
.100	Smoking superiority - ROOT technology	(1.0)
.200	Labelled studies	(0.5)
.300	Other investigations - PG derivatization	(1.0)
911.08	Smoke formation and transfer	
.300	Compound migration	(1.9)
911.09	Quality: Tobacco physical properties	
.100	Tobacco rod physical properties	1.5
911.11	Reduced ignition potential cigarette	1.0
.100	Direct method development	
.200	Indirect method development	
911.13	Additives and materials guidance	
.100	Additives and materials guidance panel	(1.0)
911.15	CORESTA, etc. (RIP, Pesticides)	0.2
		19.4

* Indicates a B&W estimate based on FRC program elements.

( ) Indicates a B&W estimate based on our assessment of FRC program elements

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SUMMARY OF FRC PROGRAM EFFORT

Critical to B&W Business Needs and Should be Done at B&W (A)

FRC Work Area		Subject	FRC Effort (MY)
911.01		Tobacco Modification	4.8
	.100	Improvement of smoking quality	
	.200	Product-precursor relationships	
911.04		Filter Materials	
	.200	Carbon and zeolite filters	(1.5)*
911.06		Chemosensory research	
	.100	Impact and irritation	(1.0)
	.200	Afternaste	(2.0)
	.300	Body and mouthful	(2.0)
911.07		Special analytical projects	
	.100	Smoking superiority - ROOT technology	(1.0)
	.200	Labeiled studies	(0.5)
	.300	Other investigations - PG derivatization	(1.0)
911.08		Smoke formation and transfer	
	.300	Compound migration	(1.9)
911.09		Quality: Tobacco physical properties	
	.100	Tobacco rod physical properties	1.5
911.11		Reduced ignition potential cigarette	1.0
	.100	Direct method development	
	.200	Indirect method development	
911.13		Additives and materials guidance	
	.100	Additives and materials guidance panel	(1.0)
911.15		CORESTA, etc. (RIP, Pesticides)	0.2
			19.4

* Indicates a B&W estimate based on FRC program elements.

( ) Indicates a B&W estimate based on our assessment of FRC program elements

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SUMMARY OF FRC PROGRAM EFFORT

Important, but not critical to current business needs,

but will become more important long-term (B)

FRC Work Area	*Subject*	*FRC Effort (MY)*
9.1.03	*Ultralight weight structures*	*2.0*
.100	*Ultralight weight materials based on tobacco*	
9.1.07	*Smoking quality superiority*	
.300	*Other investigations - sulphur compounds in smoke*	*(1.0)*
9.1.12	*Bioassays*	*(3.0)*
.100	*Invitro genotoxicity bioassays*	
.200	*Estimation of in-vivo genotoxic activity*	
.300	*Development of methods for non-genotoxic assessment of additives*	*(0.4)*
.400	*Development of methods for non-genotox assessment of additives*	—
		6.4

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SUMMARY OF FRC PROGRAM EFFORT

Important but should be done outside of B&W (C)

FRC Work Area	Subject	FRC Effort (MY)
911.04	Filter materials	(0.9)
.100	Degradability of cellulose acetate filters	

Not Critical to B&W Business Needs (D)

FRC Work Area	Subject	FRC Effort (MY)
911.02	Total sidestream reduction	0.9
.100	Project FUSE	
.200	Evaluations of new papers	
911.05	Tar modification	
.100	Tobacco based smoking materials	3.6
911.06	Chemosensory research	(1.7)
.100	Impact and irritation	(0.5)
	(Contract work, stereoisomers of nicotine and menthol, magnesium ion effect, irritancy of vapor phase)	
	(Hydrophobic/phillic effects, non-human test for irritation)	
.400	Chemosensory effects due to smoking behavior	
911.07	Special analytical projects	(2.0)
.400	Support services: Chemical analysis	
.500	Support services: Specialized analysis	
.600	Components of tobacco and smoke database	

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SUMMARY OF FRC PROGRAM EFFORT

Not Critical to B&W Business Needs (D)

FRC Work Area	*Subject*	*FRC Effort (MY)*
911.08	*Smoke formation and transfer*	*(0.9)*
.100	*Compound release and transfer*	
.200	*Sidestream formation mechanisms*	
911.10	*ETS*	*2.2*
.100	*The fundamental nature of ETS*	
.200	*Determination of personal exposure to ETS*	
9.1.13	*Additives and materials guidance*	
.100	*Materials guidance panel (Partial)*	*(2.4)*
9.1.14	*Technical support CAC*	*0.2*
9.1.16	*LIS*	*2.0*
	Administration	*3.4*
		19.8

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