

Size Test Case

	Parameter	Unit	Simulation #1		Simulation #2		Simulation #3	
			IFTDSS	Behave Plus	IFTDSS	Behave Plus	IFTDSS	Behave Plus
Outputs	Area	acre	0.97	1	169.12	169.1	1,749.98	1750
	Perimeter	chains	12.41	12	213.3	213	825.19	825
	Length-to-Width Ratio	chains/chains	2.25	2.2	4.75	4.8	7.25	7.2
	Forward Spread Distance	chains	5	5	100	100	400	400
	Backing Spread Distance	chains	0.27	0.3	1.13	1.1	1.92	1.9
	Fire Length	chains	5.27	5.3	101.13	101.1	401.92	401.9
	Maximum Fire Width	chains	2.34	2.3	21.29	21.3	55.44	55.4
Inputs	Effective Wind Speed	miles/hour	5		15		25	
	Surface Rate of Spread (maximum)	chains/hour	10		50		100	
	Elapsed Time	hour	0.5		2		4	