

Global - Round Trials 2010 - 2

Inter-Instrument Averages, Inter-Instrument Variations, Typical within-instrument Variations

SFI								
			Cotton 1	Cotton 2	Cotton 3	Cotton 4	Average	Cotton 5
<b>Average of Instruments (Grubbs)</b>			10.51	13.73	10.44	6.63		7.12
<b>Number Of Instruments</b>			59	59	59	59	<b>59</b>	59
<b>Inter-Instrument Variation</b>	based on 30 tests	SD	1.39	1.93	1.62	1.31	<b>1.56</b>	1.35
		CV %	13.2	14.0	15.5	19.8	<b>15.6</b>	18.9
	based on 6 tests	SD	1.41	1.95	1.64	1.34	<b>1.58</b>	1.37
		CV %	13.4	14.2	15.7	20.2	<b>15.9</b>	19.3
	based on single tests	SD	1.49	2.06	1.74	1.38	<b>1.67</b>	1.43
		CV %	14.2	15.0	16.7	20.8	<b>16.7</b>	20.0
<b>Typical within-instrument Variation (Median)</b>	between different days with each 6 tests	SD	0.31	0.37	0.30	0.18	<b>0.29</b>	0.20
		CV %	2.9	2.7	2.9	2.8	<b>2.8</b>	2.9
	between single tests on one day	SD	0.55	0.66	0.63	0.30	<b>0.54</b>	0.32
		CV %	5.3	4.8	6.0	4.5	<b>5.2</b>	4.5
	between all tests on different days	SD	0.63	0.77	0.68	0.35	<b>0.61</b>	0.41
		CV %	6.0	5.6	6.5	5.2	<b>5.8</b>	5.7

Maturity								
			Cotton 1	Cotton 2	Cotton 3	Cotton 4	Average	Cotton 5
<b>Average of Instruments (Grubbs)</b>			84.61	83.62	87.25	86.28		86.40
<b>Number Of Instruments</b>			52	52	52	52	<b>52</b>	52
<b>Inter-Instrument Variation</b>	based on 30 tests	SD	3.81	2.64	4.42	2.49	<b>3.34</b>	2.56
		CV %	4.5	3.2	5.1	2.9	<b>3.9</b>	3.0
	based on 6 tests	SD	3.25	2.58	4.43	2.46	<b>3.18</b>	2.35
		CV %	3.8	3.1	5.1	2.9	<b>3.7</b>	2.7
	based on single tests	SD	2.28	2.63	4.15	2.45	<b>2.88</b>	2.53
		CV %	2.7	3.2	4.8	2.8	<b>3.4</b>	2.9
<b>Typical within-instrument Variation (Median)</b>	between different days with each 6 tests	SD	0.25	0.22	0.28	0.28	<b>0.26</b>	0.28
		CV %	0.3	0.3	0.3	0.3	<b>0.3</b>	0.3
	between single tests on one day	SD	0.42	0.41	0.47	0.35	<b>0.41</b>	0.38
		CV %	0.5	0.5	0.5	0.4	<b>0.5</b>	0.4
between all tests on different days	SD	0.50	0.50	0.51	0.48	<b>0.50</b>	0.48	
	CV %	0.6	0.6	0.6	0.6	<b>0.6</b>	0.6	