

## Zimbabwe Government cotton varieties currently on the market

Key selected attributes	ZS 9314	LS 9219	CRI-MS 1	CRI-MS 2
Lint staple type	Medium	Long	Medium	Medium
Suitability elevation, m.a.s.l.	200-1150 (Lowveld & Middleveld)	600-1200 (Middleveld, under high input management)	200-1500 (Middleveld & also Lowveld)	200-1500 (Lowveld & also Middleveld)
Suitability for export markets	Suitable	Very suitable	Suitable	Suitable
<b>Yield potential, kg/ha:</b>				
Dry land	1500-2000	1500-2000	1500-2600	1600-2300
Irrigated	2000-4000	2500-3500	2600-4300	3400-4200
Seed size	Large	Medium	Small	Small
Seedling vigour	Very good	Good	Very good	Very good
Boll size	Very large (>5.5 g)	Large ( $\pm$ 5.5 g)	Medium ( $\pm$ 5 g)	Large ( $\pm$ 5.5 g)
Growth habit	Indeterminate	Tall, fairly open long sympodia	Determinate	Determinate
Maturity duration	Late maturing (especially under high input management)	Medium to late	Early	Early
<b>Pests and diseases:</b>				
• Resistance to Jassids	Fair	Good	Good	Good
• Resistance to Bacterial wilt	Good	Good	Fair to good	Good
• Tolerance to <i>Verticillium</i> wilt	Poor	Poor	Very good	Fair
• Tolerance to aphids	Fair	Good	Good	Good

<b>Fibre quality:</b>				
Lint Gin out turn (GOT), %	Very good ( $\pm$ 40)	Fair . for long staple (35-36)	Very good (40-43)	Very good (41-43)
Fibre length, mm	28-29	30-32	28-29	28-29
Strength (HVI), g/tex	31.5	Strong	30.9	31.1
Micronnaire	4.2	4.2	4.1-4.5	4.1-4.6
Fibre maturity	Good (96-100%)	Good (95-100%)	>85% (HVI)	>85% (HVI)
Fibre length uniformity	Good (48%) (LVI)	Reasonable (46-47%) (LVI)	>80% (HVI)	>80% (HVI)
General spinnability	Good	Good long staple type		
Elongation, %	7	7	7	7