


## **COCOA VARIETIES- CLONES**

### **VTLCS 1 (Vittal Cocoa Selection 1)**

<p><b>IC 633106</b></p> 	<p>Stable high yielder, suitable for both arecanut and coconut gardens. Tolerant to low moisture stress, pod rot and tea mosquito bug. Suitable for traditional, non-traditional and north-eastern zones.</p> <table> <tr> <td>No. of pods/tree/year (12-15 m<sup>2</sup> canopy)</td><td>: 50-60 (Red)</td></tr> <tr> <td>No. of beans/pod</td><td>: 42-45</td></tr> <tr> <td>Single dry bean weight</td><td>: 1-1.13 g</td></tr> <tr> <td>Dry bean yield/tree/year</td><td>: 2.5-3.0 kg</td></tr> <tr> <td>Yield/Ha</td><td>: 1500-1700 kg</td></tr> <tr> <td>Shelling</td><td>: 11-13%</td></tr> <tr> <td>Nib recovery</td><td>: 86-89%</td></tr> <tr> <td>Fat content</td><td>: 50-52%</td></tr> </table> <p>Trinitario type, high cropping efficiency. Processable for chocolate industry. Recommended for Karnataka, Kerala, Andhra Pradesh and Tamil Nadu.</p>	No. of pods/tree/year (12-15 m <sup>2</sup> canopy)	: 50-60 (Red)	No. of beans/pod	: 42-45	Single dry bean weight	: 1-1.13 g	Dry bean yield/tree/year	: 2.5-3.0 kg	Yield/Ha	: 1500-1700 kg	Shelling	: 11-13%	Nib recovery	: 86-89%	Fat content	: 50-52%
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### **VTLCS 2 (Vittal Cocoa Selection 2)**

<p><b>IC 633107</b></p> 	<p>Stable high yielder, suitable for both arecanut and coconut gardens. Bold and bigger beans, withstands both biotic and abiotic stress. Suitable for all southern states.</p> <table> <tr> <td>No. of pods/tree/year (12-15 m<sup>2</sup> canopy)</td><td>: 50-60</td></tr> <tr> <td>No. of beans/pod</td><td>: 40-42</td></tr> <tr> <td>Single dry bean weight</td><td>: 1.2-1.4 g</td></tr> <tr> <td>Dry bean yield/tree/year</td><td>: 2.5-3.0 kg</td></tr> <tr> <td>Yield/Ha</td><td>: 1500-1850 kg</td></tr> <tr> <td>Shelling</td><td>: 10-15%</td></tr> <tr> <td>Nib recovery</td><td>: 85-86%</td></tr> <tr> <td>Fat content</td><td>: 50-53%</td></tr> </table> <p>Forastero type, high cropping efficiency. Processable for chocolate industry. Recommended for Karnataka, Kerala, Andhra Pradesh and Tamil Nadu.</p>	No. of pods/tree/year (12-15 m <sup>2</sup> canopy)	: 50-60	No. of beans/pod	: 40-42	Single dry bean weight	: 1.2-1.4 g	Dry bean yield/tree/year	: 2.5-3.0 kg	Yield/Ha	: 1500-1850 kg	Shelling	: 10-15%	Nib recovery	: 85-86%	Fat content	: 50-53%
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## VTLCC 1 (Vittal Cocoa Clone 1)

<p style="text-align: center;"><b>IC 593742</b></p> 	<p><b>Early, high and stable yielder, self and cross compatible clone, suitable for both traditional and non-traditional and north-eastern zones, N and Zn use efficient, suitable for marginal lands and home gardens.</b></p>	
	<p><b>No. of pods/tree/year (12-15 m<sup>2</sup> canopy)</b> : 50-75</p> <p><b>No. of beans/pod</b> : 35-37</p> <p><b>Single dry bean weight</b> : 1.0-1.05 g</p> <p><b>Dry bean yield/tree/year</b> : 1.5-2.0 kg</p> <p><b>Yield/Ha</b> : 911-1000 kg</p> <p><b>Shelling</b> : 12-15%</p> <p><b>Nib recovery</b> : 85-88%</p> <p><b>Fat content</b> : 49-50%</p>	
	<p><b>Biofortified variety with free fatty acids, Palmitic-27%, Stearic-38%, Oleic-32%. Protein-6.86%, Theobromine-1.63%, Caffeine-0.104%, Epicatechin-0.097% Recommended for Karnataka, Kerala, Andhra Pradesh, Tamil Nadu and NE states.</b></p>	