

COCOA VARIETIES- HYBRIDS

VTLCH 1 (Vittal Cocoa Hybrid 1)

<p>IC 593738</p> 	<p>Early, heavy bearer in medium canopy under arecanut and coconut shades both as seedlings and clones, suitable for high density planting. Processable for chocolate industry.</p> <table border="1"> <tr> <td>No. of pods/tree/year (15-18 m² canopy)</td><td>: 45-50</td></tr> <tr> <td>No. of beans/pod</td><td>: 42-44</td></tr> <tr> <td>Single dry bean weight</td><td>: 1-1.10 g</td></tr> <tr> <td>Dry bean yield/tree/year</td><td>: 1.5-2.5 kg</td></tr> <tr> <td>Yield/Ha</td><td>: 750-1250 kg</td></tr> <tr> <td>Shelling</td><td>: 13-15%</td></tr> <tr> <td>Nib recovery</td><td>: 87-88%</td></tr> <tr> <td>Fat content</td><td>: 50-53%</td></tr> </table> <p>Biofortified variety with free fatty acids, Palmitic-25%, Stearic-39%, Oleic-33%. Rich in Fe and Zn contents. Tolerant to major biotic and abiotic stresses. Recommended for Karnataka, Kerala and TN.</p>	No. of pods/tree/year (15-18 m ² canopy)	: 45-50	No. of beans/pod	: 42-44	Single dry bean weight	: 1-1.10 g	Dry bean yield/tree/year	: 1.5-2.5 kg	Yield/Ha	: 750-1250 kg	Shelling	: 13-15%	Nib recovery	: 87-88%	Fat content	: 50-53%
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VTLCH 2 (Vittal Cocoa Hybrid 2)

<p>IC 593739</p> 	<p>Early, heavy bearer in medium canopy under arecanut and coconut shades both as seedlings and clones, suitable for high density planting, tolerant to black pod rot. Processable for chocolate industry.</p> <table border="1"> <tr> <td>No. of pods/tree/year (14-20 m² canopy)</td><td>: 50-70</td></tr> <tr> <td>No. of beans/pod</td><td>: 40-45</td></tr> <tr> <td>Single dry bean weight</td><td>: 1-1.15 g</td></tr> <tr> <td>Dry bean yield/tree/year</td><td>: 1.5-2.5 kg</td></tr> <tr> <td>Yield/Ha</td><td>: 800-1250 kg</td></tr> <tr> <td>Shelling</td><td>: 11-13%</td></tr> <tr> <td>Nib recovery</td><td>: 87-89%</td></tr> <tr> <td>Fat content</td><td>: 50-54%</td></tr> </table> <p>Biofortified variety with free fatty acids, Palmitic-28%, Stearic-36%, Oleic-31%. Rich in Fe and Zn contents. Tolerant to major biotic and abiotic stresses. Recommended for Karnataka, Kerala, Andhra Pradesh and Gujarat.</p>	No. of pods/tree/year (14-20 m ² canopy)	: 50-70	No. of beans/pod	: 40-45	Single dry bean weight	: 1-1.15 g	Dry bean yield/tree/year	: 1.5-2.5 kg	Yield/Ha	: 800-1250 kg	Shelling	: 11-13%	Nib recovery	: 87-89%	Fat content	: 50-54%
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Shelling	: 11-13%																
Nib recovery	: 87-89%																
Fat content	: 50-54%																



VTLCH 3 (Vittal Cocoa Hybrid 3)

<p>IC 593740</p> 	<p>Early, heavy bearer in medium canopy under arecanut and coconut shades both as seedlings and clones, suitable for high density planting and water limited conditions. Processable for chocolate industry.</p> <table> <tr> <td>No. of pods/tree/year (15-18 m² canopy)</td><td>: 45-50</td></tr> <tr> <td>No. of beans/pod</td><td>: 35-45</td></tr> <tr> <td>Single dry bean weight</td><td>: 1-1.2 g</td></tr> <tr> <td>Dry bean yield/tree/year</td><td>: 1.5-3.0 kg</td></tr> <tr> <td>Yield/Ha</td><td>: 993-1500 kg</td></tr> <tr> <td>Shelling</td><td>: 13-15%</td></tr> <tr> <td>Nib recovery</td><td>: 85-87%</td></tr> <tr> <td>Fat content</td><td>: 50%</td></tr> </table> <p>Drought tolerant. Suitable for Karnataka, Kerala, Andhra Pradesh and Tamil Nadu.</p>	No. of pods/tree/year (15-18 m ² canopy)	: 45-50	No. of beans/pod	: 35-45	Single dry bean weight	: 1-1.2 g	Dry bean yield/tree/year	: 1.5-3.0 kg	Yield/Ha	: 993-1500 kg	Shelling	: 13-15%	Nib recovery	: 85-87%	Fat content	: 50%
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Dry bean yield/tree/year	: 1.5-3.0 kg																
Yield/Ha	: 993-1500 kg																
Shelling	: 13-15%																
Nib recovery	: 85-87%																
Fat content	: 50%																

VTLCH 4 (Vittal Cocoa Hybrid 4)

<p>IC 593741</p> 	<p>Precocious, high yielder in palm- based cropping systems and water limited conditions. Processable for chocolate industry.</p> <table> <tr> <td>No. of pods/tree/year (15-18 m² canopy)</td><td>: 40-45 (Red)</td></tr> <tr> <td>No. of beans/pod</td><td>: 40-45</td></tr> <tr> <td>Single dry bean weight</td><td>: 1-1.5 g</td></tr> <tr> <td>Dry bean yield/tree/year</td><td>: 1.5-3.0 kg</td></tr> <tr> <td>Yield/Ha</td><td>: 856-1500 kg</td></tr> <tr> <td>Shelling</td><td>: 12-15%</td></tr> <tr> <td>Nib recovery</td><td>: 86-88%</td></tr> <tr> <td>Fat content</td><td>: 50-51%</td></tr> </table> <p>Drought tolerant. Suitable for Karnataka, Kerala, Andhra Pradesh and Tamil Nadu.</p>	No. of pods/tree/year (15-18 m ² canopy)	: 40-45 (Red)	No. of beans/pod	: 40-45	Single dry bean weight	: 1-1.5 g	Dry bean yield/tree/year	: 1.5-3.0 kg	Yield/Ha	: 856-1500 kg	Shelling	: 12-15%	Nib recovery	: 86-88%	Fat content	: 50-51%
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Dry bean yield/tree/year	: 1.5-3.0 kg																
Yield/Ha	: 856-1500 kg																
Shelling	: 12-15%																
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Fat content	: 50-51%																

VTLCH 5 (Vittal Cocoa Hybrid 5)

<p>IC 622884 Nethra Centura</p>  	<p>Precocious, high yielder in palm- based cropping systems and suitable for high density planting. Processable for chocolate industry.</p> <table><tr><td>No. of pods/tree/year (16-18 m² canopy)</td><td>: 50-60</td></tr><tr><td>No. of beans/pod</td><td>: 40-45</td></tr><tr><td>Single dry bean weight</td><td>: 1-1.2 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>: 1500-1800 kg</td></tr><tr><td>Shelling</td><td>: 11-13%</td></tr><tr><td>Nib recovery</td><td>: 86-88%</td></tr><tr><td>Fat content</td><td>: 50-52%</td></tr></table> <p>Biofortified variety with free fatty acids, Palmitic-24%, Stearic-44%, Oleic-29%. Moderately tolerant to black pod rot, tolerant to tea mosquito bug and low moisture stress. Recommended for Karnataka, Kerala, Andhra Pradesh and Tamil Nadu.</p>	No. of pods/tree/year (16-18 m² canopy)	: 50-60	No. of beans/pod	: 40-45	Single dry bean weight	: 1-1.2 g	Dry bean yield/tree/year	: 2.5-3.0 kg	Yield/Ha	: 1500-1800 kg	Shelling	: 11-13%	Nib recovery	: 86-88%	Fat content	: 50-52%
No. of pods/tree/year (16-18 m² canopy)	: 50-60																
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