



PCA COCONUT HYBRIDS

PCA 15-4 (CATD x TAGT)



PCA 15-8 (TACD x BAOT)



PCA 15-9 (TACD x TAGT)



Potential Yield

First flowering	3-3.5	First flowering	3-3.5	First flowering	3-3.5
Nuts per palm (n)	119	Nuts per palm (n)	127	Nuts per palm (n)	128
Nuts per ha/yr (n)	18,571	Nuts per ha/yr (n)	17,832	Nuts per ha/yr (n)	17,295
Copra per nut (g)	277	Copra per nut (g)	310	Copra per nut (g)	303
Copra per palm (kg)	33	Copra per palm (kg)	39	Copra per palm (kg)	39
Copra per ha/yr (t)	5	Copra per ha/yr (t)	6	Copra per ha/yr (t)	6
Wt. of whole nut (g)	1,429	Wt. of whole nut (g)	1,423	Wt. of whole nut (g)	1,404
Wt. of husk (g)	377	Wt. of husk (g)	312	Wt. of husk (g)	320
Wt. of Shell (g)	225	Wt. of Shell (g)	239	Wt. of Shell (g)	235
Wt. of meat (g)	473	Wt. of meat (g)	507	Wt. of meat (g)	502
Wt. of Water (g)	354	Wt. of Water (g)	365	Wt. of Water (g)	346
Fruit Quality Value (FQV)	0.40	Fruit Quality Value (FQV)	0.48	Fruit Quality Value (FQV)	0.48

Fatty Acid Profile (%)

MCFA (C6:0-C12:0)	73.13	MCFA (C6:0-C12:0)	73.31	MCFA (C6:0-C12:0)	70.33
Lauric (C12:0)	53.66	Lauric (C12:0)	52.57	Lauric (C12:0)	52.30
Oleic (C18:1)	3.36	Oleic (C18:1)	2.76	Oleic (C18:1)	2.89
Linoleic (C18:2)	0.37	Linoleic (C18:2)	0.37	Linoleic (C18:2)	0.35

VCO

VCO/nut (mL)	77.69	VCO/nut (mL)	66.64
VCO/palm (L)	6.91	VCO/palm (L)	5.60
VCO/ha (L)	934.32	VCO/ha (L)	751.09
Tocopherol (mg/kg)	143.87 ± 0.14	Tocopherol (mg/kg)	72.68 ± 1.29

Toddy & Sugar

Total Sugar %	82.25	Total Sugar %	92.6
Reducing Sugar %	4.15	Reducing Sugar %	3.68
Glucose %	1.18	Glucose %	1.17
Sucrose %	88.88	Sucrose %	92.34
Fructose %	1.12	Fructose %	1.24

CONTACT US

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PHILIPPINE COCONUT VARIETAL IMPROVEMENT TEAM

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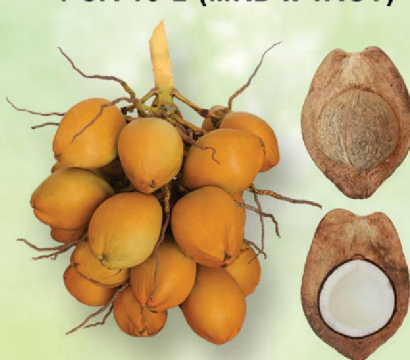


PCA COCONUT HYBRIDS

PCA 15-1 (CATD x LAGT)



PCA 15-2 (MRD x TAGT)



PCA 15-3 (MRD x BAYT)



Potential Yield

First flowering	3-4.0	First flowering	3-4.0	First flowering	3-4.0
Nuts per palm (n)	117	Nuts per palm (n)	155	Nuts per palm (n)	144
Nuts per ha/yr (n)	17,903	Nuts per ha/yr (n)	20,972	Nuts per ha/yr (n)	21,968
Copra per nut (g)	254	Copra per nut (g)	272	Copra per nut (g)	271
Copra per palm (kg)	30	Copra per palm (kg)	42	Copra per palm (kg)	39
Copra per ha/yr (t)	4	Copra per ha/yr (t)	6	Copra per ha/yr (t)	6
Wt. of whole nut (g)	1,325	Wt. of whole nut (g)	1,254	Wt. of whole nut (g)	1,193
Wt. of husk (g)	374	Wt. of husk (g)	298	Wt. of husk (g)	307
Wt. of Shell (g)	206	Wt. of Shell (g)	202	Wt. of Shell (g)	180
Wt. of meat (g)	437	Wt. of meat (g)	456	Wt. of meat (g)	447
Wt. of Water (g)	308	Wt. of Water (g)	298	Wt. of Water (g)	259
Fruit Quality Value (FQV)	0.43	Fruit Quality Value (FQV)	0.48	Fruit Quality Value (FQV)	0.48

Fatty Acid Profile (%)

MCFA (C6:0-C12:0)	68.38	MCFA (C6:0-C12:0)	72.19	MCFA (C6:0-C12:0)	63.17
Lauric (C12:0)	52.20	Lauric (C12:0)	54.21	Lauric (C12:0)	52.04
Oleic (C18:1)	4.03	Oleic (C18:1)	3.37	Oleic (C18:1)	5.43
Linoleic (C18:2)	0.39	Linoleic (C18:2)	0.32	Linoleic (C18:2)	0.72

VCO

VCO/nut (mL)	55.57	VCO/nut (mL)	58.49	VCO/nut (mL)	64.27
VCO/palm (L)	4.89	VCO/palm (L)	5.62	VCO/palm (L)	6.56
VCO/ha (L)	657.18	VCO/ha (L)	756.36	VCO/ha (L)	995.26
Tocopherol (mg/kg)	156.54 ± 5.03	Tocopherol (mg/kg)	35.30 ± 5.03	Tocopherol (mg/kg)	182.54 ± 7.80

Toddy & Sugar

Daily Toddy Yield (L) / ha.	240.4	Daily Toddy Yield (L) / ha.	285.8	Daily Toddy Yield (L) / ha.	269.2
Monthly Toddy Yield (L) / ha.	7,213	Monthly Toddy Yield (L) / ha.	8,574	Monthly Toddy Yield (L) / ha.	8,074
Yearly Toddy Yield (L) / ha.	937.0	Yearly Toddy Yield (L) / ha.	1,112.1	Yearly Toddy Yield (L) / ha.	999.1
Total Sugar %	95.24	Total Sugar %	89.86	Total Sugar %	87.98
Reducing Sugar %	1.36	Reducing Sugar %	4.63	Reducing Sugar %	4.45
Glucose %	1.15	Glucose %	1.04	Glucose %	1.15
Sucrose %	82.02	Sucrose %	85.96	Sucrose %	88.88
Fructose %	1.16	Fructose %	1.16	Fructose %	1.15

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