

PH 11 D/30

RRII 400 SERIES CLONES



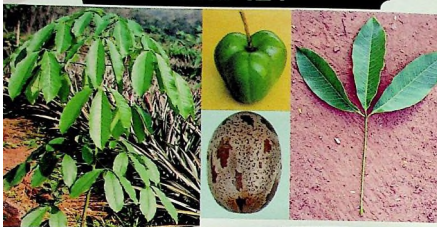
Parentage : RRII 105 x RRIC 100
Evolved from the 1982 hybridization programme

Clone	Year of release	Category in planting recommendation
RRII 414	2005	I
RRII 430	2005	I
RRII 422	2009	I
RRII 417	2009	I
RRII 429	-	III



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RRII 414



Leaf storey well separated, hemispherical to truncate
 Lamina short and broad, blunt tip, semi glossy, thick and leathery

Fruit and seed medium sized

Trunk tall, straight, cylindrical and canopy heavy

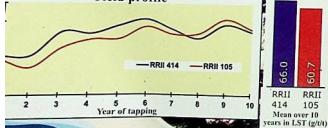
Growth profile

Year	5	6	7	8	9	10	11	12	13	14	15	16
Height (cm)	37.8	45.5	51.8	56.0	59.4	61.9	63.7	66.7	70.7	73.2	74.7	77.9

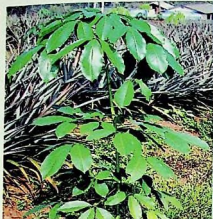
Yield in various stages of evaluation

Mean over 11 years in SST (g/t/t)	74.0
Mean over 10 years in LST (g/t/t)	66.0
Commercial yield (kg/ha/yr) Mean over 6 years	1825
Trunk bole volume (m ³) for 16 to 20 year trees	0.11-0.22

Yield profile



RRII 430



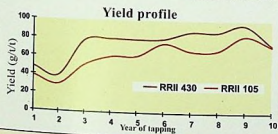
- ❖ Leaf storey hemispherical, not well separated
- ❖ Lamina long, glossy, broad, leaf tip cuspidate and leaflets almost overlapping
- ❖ Fruit and seed medium sized
- ❖ Trunk stout, tall, straight, protruded leaf scars and heavy canopy

Growth profile

Year	5	6	7	8	9	10	11	12	13	14	15	16
Girth (cm)	37.7	46.6	52.9	55.4	57.1	58.7	60.0	61.3	64.1	66.4	67.5	70.2

Yield in various stages of evaluation

Mean over 11 years in SST (g/t/t)	63.4
Mean over 10 years in LST (g/t/t)	74.7
Commercial yield (kg/ha/yr) Mean over 6 years	1979
Clear bole volume (m ³) for 16 to 20 year trees	0.12-0.15



Mean over 10 years in LST (g/t/t)

RRII 422



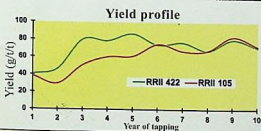
- ♦ Leaf storey hemispherical, almost diffuse
- ♦ Lamina semi glossy, slightly leathery and long
- ♦ Fruits and seeds medium sized
- ♦ Trunk crooked, leaf retention high and canopy narrow

Growth profile

Year	5	6	7	8	9	10	11	12	13	14	15	16
Girth (cm)	35.6	43.6	49.6	53.9	56.8	58.3	60.4	62.0	63.9	65.9	66.8	68.9

Yield in various stages of evaluation

Mean over 11 years in SST (g/t/t)	64.9
Mean over 10 years in LST (g/t/t)	69.9
Commercial yield (kg/ha/yr) Mean over 6 years	1865
Clear bole volume (m ³) for 16 to 20 year trees	0.09-0.12



RRII 429



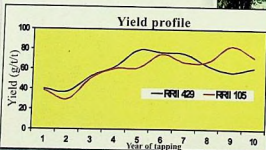
- ❖ Leaf storey well separated, hemispherical to truncate
- ❖ Lamina short and broad, blunt tip, semi glossy, thick and leathery
- ❖ Fruit and seed medium sized
- ❖ Trunk tall, straight, cylindrical and canopy heavy

Growth profile

Year	5	6	7	8	9	10	11	12	13	14	15	16
Girth (cm)	37.7	45.1	50.6	54.6	58.1	60.4	62.6	64.7	65.8	68.4	71.5	75.7

Yield in various stages of evaluation

Mean over 11 years in SST (g/t/t)	77.1
Mean over 10 years in LST (g/t/t)	61.2
Commercial yield (kg/ha/yr) Mean over 6 years	1979
Clear bole volume (m ³) for 16 to 20 year trees	0.08-0.14



RRII 417



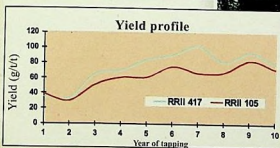
- ❖ Leaf storey bow to hemispherical, well separated
- ❖ Petiole stout, leaflets obviate separated and irregularly wavy margin
- ❖ Fruits and seeds small
- ❖ Trunk stout branching asymmetrical, canopy heavy and restricted to the top

Growth profile

Year	5	6	7	8	9	10	11	12	13	14	15	16
Girth (cm)	36.8	44.1	50.0	53.7	56.4	59.3	60.9	62.6	65.1	68.3	69.7	73.2

Yield in various stages of evaluation

Mean over 11 years in SST (g/t/t)	70.5
Mean over 10 years in LST (g/t/t)	73.5
Commercial yield (kg/ha/yr) Mean over 6 years	1870
Clear bole volume (m ³) for 16 to 20 year trees	0.11-0.16



RRII 417	73.5
RRII 105	60.7
Mean over 10 years in LST (g/t/t)	

