



Encl: As above.

Enclosure

**Tamil Nadu Agricultural University
AICRP on Palms, Coconut Research Station, Aliyarnagar**

Query :

1. Nut yield data of all **Tall cultivars** of coconut **under study at AICRP program** in centre Aliyarnagar for the years 2014 to 2019 (both years included)

Parameters viz., a. Number of live palms under observation b. Annual average nut yield per palm c. Average whole nut weight d. average de-husked nut weight

Year		2014-15		
Genotype	Number of live palms	Annual average Nut yield /palm/year	Avg. whole nut weight (g)	Avg. de-husked nut weight (g)
IC 610370 (CRP 737)	15	The palms were planted during 2008 and yield data is available from 2016-17 onwards.		
IC 610371 (CRP 738)	21			
IC 610372 (CRP 739)	11			
IC 610373 (CRP 740)	9			
IC 610374 (CRP 741)	10			
IC 610375 (CRP 742)	26			
IC 610376 (CRP 743)	17			
IC 610377 (CRP 744)	14			
IC 610378 (CRP 745)	19			
IC 610379 (CRP 746)	9			
Verrikkobari Tall	11	The palms were planted during 2015 and during the period from 2015-2019 the palms were in vegetative phase		
Gauam-III Tall	10			
Markham Tall	11			
Straits Settlement Green Tall	10			
Nigerian Green	11			
Palawan Tall	10			
West Coast Tall	11			

Year		2015-16		
Genotype	Number of palms	Nut yield /palm/year	Avg. whole nut weight (g)	Avg. de-husked nut weight (g)
IC 610370 (CRP 737)	15	The palms were planted during 2008 and yield data is available from 2016-17 onwards.		
IC 610371 (CRP 738)	21			
IC 610372 (CRP 739)	11			
IC 610373 (CRP 740)	9			
IC 610374 (CRP 741)	10			
IC 610375 (CRP 742)	26			
IC 610376 (CRP 743)	17			
IC 610377 (CRP 744)	14			
IC 610378 (CRP 745)	19			
IC 610379 (CRP 746)	9			
Verrikkobari Tall	11	The palms were planted during 2015 and during the period from 2015-2019 the palms were in vegetative phase		
Gauam-III Tall	10			
Markham Tall	11			
Straits Settlement Green Tall	10			
Nigerian Green	11			
Palawan Tall	10			
West Coast Tall	11			

Year	2016-17			
Genotype	Number of palms	Nut yield /palm/year	Avg. whole nut weight (g)	Avg. de-husked nut weight (g)
IC 610370 (CRP 737)	15	67	-	-
IC 610371 (CRP 738)	21	52	-	-
IC 610372 (CRP 739)	11	32	-	-
IC 610373 (CRP 740)	9	40	-	-
IC 610374 (CRP 741)	10	31	-	-
IC 610375 (CRP 742)	26	40	-	-
IC 610376 (CRP 743)	17	49	-	-
IC 610377 (CRP 744)	14	37	-	-
IC 610378 (CRP 745)	19	51	-	-
IC 610379 (CRP 746)	9	46	-	-
Verrikkobari Tall	11	The palms were planted during 2015 and during the period from 2015-2019 the palms were in vegetative phase		
Gauam-III Tall	10			
Markham Tall	11			
Straits Settlement Green Tall	10			
Nigerian Green	11			
Palawan Tall	10			
West Coast Tall	11			

Year	2017-18			
Genotype	Number of palms	Nut yield /palm/year	Avg. whole nut weight (g)	Avg. de-husked nut weight (g)
IC 610370 (CRP 737)	15	74	-	-
IC 610371 (CRP 738)	21	63	-	-
IC 610372 (CRP 739)	11	45	-	-
IC 610373 (CRP 740)	9	54	-	-
IC 610374 (CRP 741)	10	46	-	-
IC 610375 (CRP 742)	26	52	-	-
IC 610376 (CRP 743)	17	61	-	-
IC 610377 (CRP 744)	14	46	-	-
IC 610378 (CRP 745)	19	61	-	-
IC 610379 (CRP 746)	9	58	-	-
Verrikkobari Tall	11	The palms were planted during 2015 and during the period from 2015-2019 the palms were in vegetative phase		
Gauam-III Tall	10			
Markham Tall	11			
Straits Settlement Green Tall	10			
Nigerian Green	11			
Palawan Tall	10			
West Coast Tall	11			

Year		2018-19		
Genotype	Number of palms	Nut yield /palm/year	Avg. whole nut weight (g)	Avg. de-husked nut weight (g)
IC 610370 (CRP 737)	15	84	-	-
IC 610371 (CRP 738)	21	73	-	-
IC 610372 (CRP 739)	11	50	-	-
IC 610373 (CRP 740)	9	62	-	-
IC 610374 (CRP 741)	10	53	-	-
IC 610375 (CRP 742)	26	56	-	-
IC 610376 (CRP 743)	17	66	-	-
IC 610377 (CRP 744)	14	50	-	-
IC 610378 (CRP 745)	19	65	-	-
IC 610379 (CRP 746)	9	62	-	-
Verrikkobari Tall	11	The palms were planted during 2015 and during the period from 2015-2019 the palms were in vegetative phase		
Gauam-III Tall	10			
Markham Tall	11			
Straits Settlement Green Tall	10			
Nigerian Green	11			
Palawan Tall	10			
West Coast Tall	11			

Year	2019-20			
Genotype	Number of palms	Nut yield /palm/year	Avg. whole nut weight (g)	Avg. de-husked nut weight (g)
IC 610370 (CRP 737)	15	89	1429	639
IC 610371 (CRP 738)	21	81	1503	767
IC 610372 (CRP 739)	11	63	1202	510
IC 610373 (CRP 740)	9	70	2937	919
IC 610374 (CRP 741)	10	65	1464	541
IC 610375 (CRP 742)	26	62	1972	813
IC 610376 (CRP 743)	17	72	1917	992
IC 610377 (CRP 744)	14	59	1566	811
IC 610378 (CRP 745)	19	69	2183	1140
IC 610379 (CRP 746)	9	75	1650	592
Verrikkobari Tall	11	The palms were planted during 2015 and during the period from 2015-2019 the palms were in vegetative phase		
Gauam-III Tall	10			
Markham Tall	11			
Straits Settlement Green Tall	10			
Nigerian Green	11			
Palawan Tall	10			
West Coast Tall	11			

P.S.
22/09/2021
Professor and Head
CRS, Aliyarnagar

22/09/2021

ENCLOSURE

Center name : CRS, Veppankulam

Query :

Nut yield data of all tall cultivars of coconut under study at AICRP program in Center Veppankulam for the years 2014-2019 both years included parameters viz., a. number of live palms under observation. b. annual average nut yield per palm. c.average whole nut weight d. average dehusked nut weight.

Reply:

The study period is classified based on nut yield which is usually calculated from July to next year June. Hence the yield of individual year *i.e.* 2014, 2015 cannot be ascertained. The data pertaining to the above queries are presented in the following tables 1 to 5.

1. 2014-15

S.No	Genotypes	No of palms	Nut yield per palm	Average whole nut weight (g)	Average Dehusked nut weight (g)
1	CRP716 (IC 599263)	12	51	1320	560
2	CRP717 (IC 599264)	12	49	1370	645
3	CRP718 (IC 599265)	12	33	1250	610
4	CRP719 (IC 599266)	12	48	880	410
5	CRP720 (599267)	12	33	1270	640
6	WCT (Kera keralam)	12	39	1150	570
7	Arasampatti Tall (Aliyarnagar Tall)	12	37	1090	610

2. 2015-16

S.No	Genotypes	No of palms	Nut yield per palm	Average whole nut weight (g)	Average Dehusked nut weight (g)
1	CRP716 (IC 599263)	12	56	1200	410
2	CRP717 (IC 599264)	12	52	1020	470
3	CRP718 (IC 599265)	12	48	1310	590
4	CRP719 (IC 599266)	12	51	1030	510
5	CRP720 (599267)	12	41	1050	505
6	WCT (Kera keralam)	12	46	990	380
7	Arasampatti Tall (Aliyarnagar Tall)	12	49	785	335
9	Verikkobari Tall	8	-	-	-
10	Guam III Tall	8	-	-	-
11	Markham Tall	8	-	-	-
12	Laguna Tall	8	-	-	-
13	Nigerian Green	8	-	-	-
14	Palawan Tall	8	-	-	-
15	ECT (check)	8	-	-	-

(S.No. 9-15 was planted during 2016)

3. 2016-17

S.No	Genotypes	No of palms	Nut yield per palm	Average whole nut weight (g)	Average Dehusked nut weight (g)
1	CRP716 (IC 599263)	12	74	970	515
2	CRP717 (IC 599264)	12	63	1080	495
3	CRP718 (IC 599265)	12	59	1240	605
4	CRP719 (IC 599266)	12	56	1080	440
5	CRP720 (599267)	12	52	990	420
6	WCT (Kera keralam)	12	53	980	410

7	Arasampatti Tall (Aliyarnagar Tall)	12	60	705	360
9	Verikkobari Tall	8	-	-	-
10	Guam III Tall	8	-	-	-
11	Markham Tall	8	-	-	-
12	Laguna Tall	8	-	-	-
13	Nigerian Green	8	-	-	-
14	Palawan Tall	8	-	-	-
15	ECT (check)	8	-	-	-

4. 2017-18

S.No	Genotypes	No of palms	Nut yield per palm	Average whole nut weight (g)	Average Dehusked nut weight (g)
1	CRP716 (IC 599263)	12	65	970	515
2	CRP717 (IC 599264)	12	72	1080	495
3	CRP718 (IC 599265)	12	82	1240	605
4	CRP719 (IC 599266)	12	63	1080	440
5	CRP720 (599267)	12	67	990	420
6	WCT (Kera keralam)	12	69	980	410
7	Arasampatti Tall (Aliyarnagar Tall)	12	74	705	360
9	Verikkobari Tall	8	-	-	-
10	Guam III Tall	8	-	-	-
11	Markham Tall	8	-	-	-
12	Laguna Tall	8	-	-	-
13	Nigerian Green	8	-	-	-
14	Palawan Tall	8	-	-	-
15	ECT (check)	8	-	-	-

5. 2018-19

S.No	Genotypes	No of palms*	Nut yield per palm	Average whole nut weight (g)	Average Dehusked nut weight (g)
1	CRP716 (IC 599263)	7	35	1180	440
2	CRP717 (IC 599264)	11	34	1050	450
3	CRP718 (IC 599265)	6	48	1400	670
4	CRP719 (IC 599266)	9	37	1050	450
5	CRP720 (599267)	9	35	1060	425
6	WCT (Kera keralam)	9	34	960	400
7	Arasampatti Tall (Aliyarnagar Tall)	10	38	720	360
9	Verikkobari Tall	8	-	-	-
10	Guam III Tall	8	-	-	-
11	Markham Tall	8	-	-	-
12	Laguna Tall	8	-	-	-
13	Nigerian Green	8	-	-	-
14	Palawan Tall	8	-	-	-
15	ECT (check)	8	-	-	-

* S.No. 1-7. The palms fell down during Gaja cyclone 2018. S.No. 9-15. The palms are in vegetative phase during the query period.

Professor and Head
CRS, Veppankulam

2/9/23