

Prices :

Age.	Milk yield.	Prices ranging	
		From	To
Cows—Ongole		Rs.	Rs.
1st and 2nd calving	2-3 Madras Measures	70	90
	3-4 " "	90	110
3rd and 4th calving	2-3 " "	60	70
	3-4 " "	70	100
Buffaloes—country			
1st and 2nd calving	2-3 " "	50	70
	3-4 " "	70	100
3rd and 4th calving	2-3 " "	50	60
	3-4 " "	60	80
Others			
Cows—cross-bred		120	180

(1 Madras measure of milk=4 lbs.)

Crop & Trade Reports.

Statistics—Crop—Sugarcane 1939—Intermediate condition report. The condition of the sugarcane crop is generally satisfactory outside South Arcot where the crop is reported to have been affected slightly by stem-borer in parts. The yield is expected to be normal in all districts outside the Circars, South Arcot, North Arcot and Tanjore where it is estimated to be slightly below normal.

The wholesale price of jaggery per imperial maund of 82 2/7 (equivalent to 3,200 tolas) as reported from important markets on 4th December 1939 was Rs. 9-14-0 in Adoni, Rs. 9-2-0 in Vizagapatam, Rs. 7-8-0 in Cuddalore, Rs. 7-7-0 in Salem, Rs. 7-4-0 in Vellore, Rs. 7-3-0 in Rajahmundry, Rs. 7-1-0 in Vizianagaram, Rs. 7-0-0 in Bellary, Rs. 6-15-0 in Erode, Rs. 6-14-0 in Chittoor, Rs. 6-9-0 in Cocanada, Rs. 6-7-0 in Trichinopoly, Rs. 5-11-0 in Mangalore and 5-4-0 in Coimbatore. When compared with the prices published in the last report i. e., those which prevailed on 6th November 1939, these prices reveal a rise of approximately 10 per cent in Bellary, 8 per cent. in Vizagapatam and Coimbatore, 7 per cent in Vizianagaram and 6 per cent. in Adoni and Erode and a fall of approximately 13 per cent. in Chittoor, 11 per cent. in Cocanada, 10 per cent. in Rajahmundry, 7 per cent. in Cuddalore and 3 per cent in Mangalore, the prices remaining stationary in Vellore, Salem and Trichinopoly. (From the Director of Industries, Madras).

Cotton Raw, in the Madras Presidency. The receipts of loose cotton at presses and spinning mills in the Madras Presidency from 1st February to 22nd December 1939 amounted to 476,116 bales of 400 lb. lint as against an estimate of 388,900 bales of the total crop of 1938-39. The receipts in the corresponding period of the previous year were 521,110 bales. 410,440 bales mainly of pressed cotton were received at spinning mills and 181,867 bales were exported by sea while 142,580 bales were imported by sea mainly from Karachi and Bombay. (From Director of Agriculture, Madras).

College News and Notes.

Students' Corner. Students' Club—The Hostel Tatler:— The second number of the *Hostel Tatler* for the year, was published during this month. This is the first time that two issues are published in the same year and the students are to

be heartily congratulated on their effort in this direction. The Editorial board of the *Hostel Tatler* deserves great praise for the collection and proper editing of the materials published.

Dr. (Mrs.) Muthulakshmi Reddy addressed the students on 26-11-39 with Mr. K. C. Ramakrishnan, M. A., Lecturer in Economics, University of Madras, in the chair.

A debate "That in the opinion of the house a composite cabinet of Government is better suited to India than a single political party Government" was held on 29-11-39 with student Rajashekara Chetty in the chair. Mr. M. Kanti Raj was the observer.

Travancore Curzon Memorial Lectures. Under the auspices of the Madras University, Mr. K. C. Ramakrishnan, M. A., Lecturer in Economics, University of Madras, delivered a course of three lectures on 24th, 25th and 27th November 1939 on "Factors in Agricultural Development". The Lectures were greatly appreciated and a large number of students and officers attended the meetings.

Association of Economic Biologists. A meeting of the above association was held on 11th December in the Freeman building with Mr. M. C. Cherian, President of the Association in the chair. Two papers were read and discussed. The first paper was on "Some mutation in Rice" by C. R. Srinivasa Ayyangar and N. Parthasarathy. The second paper was on "Studies on soil moisture as affected by the frequency and method of irrigation in Cambodia cotton" by V. Ramanatha Ayyar and N. C. Thirumalachari.

Farewell to Mr. M. Kanti Raj. Mr. M. Kanti Raj, M. A., B. Sc., Junior Lecturer in Agriculture and Asst. Superintendent, Central Farm, was entertained at a farewell party on 9-12-39 by the students of the College, on the eve of his transfer as Assistant Director of Agriculture to St. Thomas Mount, Madras.

We are glad to announce that Mr. N. G. Charly who was till recently Research Engineer in this Department has been awarded the Gold Medal by the Imperial Council of Agricultural Research, for his improvements in the circular water lift. This is the second time an officer of this Department receives such an honour, the first being Mr. K. T. Thangavelu, who was offered the silver medal for his designing a turmeric polisher.

Visitors. Mr. H. M. Hood, adviser to His Excellency the Governor of Madras visited the Agricultural college and Research Institute on 21-12-39.

Mr. P. H. Rama Reddy, Director of Agriculture, Madras, stayed in the Estate from 20th to 22nd December.

Indian Central cotton committee. At the invitation of the Government of Madras the winter session of the Indian Central Cotton Committee will be held at the Agricultural College and Research Institute between the 15th and 20th of January 1940. Elaborate arrangements are being made by the reception committee for the reception to be accorded to the members of the committee.

Hindi Class. Hindi night classes have been started in the estate which are attended by over 25 officers of the Department. Great enthusiasm exists among the Hindi adherents, to master the language.

Weather Review—NOVEMBER 1939.

RAINFALL DATA

Division	Station	Actual for month	Departure from normal @	Total since January 1st	Division	Station	Actual for month	Departure from normal @	Total since January 1st
Circars	Gopalpore	0.3	-3.7	31.0	South	Negapatam	25.2	+7.5	55.3
	Calingapatam	0.7	-3.2	28.9		Aduthurai *			
	Vizagapatam	3.5	-0.2	32.6		Madura	5.4	+0.5	36.2
	Anakapalli *	3.9	-0.1	39.6		Pamban	16.5	+4.5	26.8
	Samalkota *					Koilpatti *			
	Maruteru *	8.6	+5.3	50.5		Palamkottah	7.7	+0.3	17.5
	Cocanada	7.7	+2.3	59.7	West Coast	Trivandrum	18.2	+11.6	71.1
Ceded Dists.	Masulipatam	6.3	+0.6	47.7		Cochin	10.0	+3.5	133.7
	Guntur *	1.2	-2.0	34.6		Calicut	6.1	+0.8	115.3
	Kurnool	3.6	+2.4	20.0		Pattambi *	8.4	+4.7	97.1
	Nandyal *	0.0	0.0	0.0		Taliparamba *			
	Hagari *	0.4	-1.0	21.3		Kasargode *	3.8	-0.1	113.8
	Siruguppa *	0.1	-1.4	21.3		Nileshwar *	5.7	+2.5	121.3
	Bellary	1.6	-0.6	18.5		Mangalore	3.9	+0.8	116.3
Carnatic	Anantapur	1.2	-1.6	28.8	Mysore and Coorg	Chitaldrug	5.9	+3.6	34.1
	Rentachintala	2.9		28.2		Bangalore	2.8	-0.1	35.2
	Cuddapah	3.8	+0.2	26.5		Mysore	2.7	+0.1	30.2
	Anantharajupet *	10.8	+2.0	32.3		Mercara	5.6	+2.3	104.7
	Nellore	12.3	+1.0	37.0	Hills	Kodaikanal	24.5	+16.3	69.6
	Madras	13.0	-1.3	32.8		Coonoor			
	Palur *	20.4	+8.0	53.4		Ootacamund *	20.4	+14.3	67.6
Central	Tindivanam *	12.4	+2.0	40.3		Nanjanad *	9.1	+5.2	52.01
	Cuddalore	21.0	+5.9	66.5					
	Vellore	10.6	+3.7	39.9					
	Salem	4.4	+0.6	47.9					
	Coimbatore	4.0	+0.4	25.0					
	Coimbatore								
	A. C. & R. I. *	4.8	Nil	26.7					
	Trichinopoly	18.0	+12.5	51.1					

* Meteorological Stations of the Madras Agricultural Department.

@ From average rainfall for the month calculated upto 1937 published in the Fort St. George Gazette.

Weather was unsettled in the Bay off the South Madras Coast early in the month when a shallow depression formed by the 7th, but became unimportant by the 9th. Unsettled conditions appeared in the Andaman sea on the 8th and moving out westwards on the 10th became unimportant by the 13th. A deep depression appeared in the southwest of the Bay on the 15th, and developing rapidly into a cyclonic storm of great intensity crossed the coast near Negapatam in the early hours of the morning of the 16th, but weakened equally rapidly but persisted as a trough of low pressure over south east Madras and extended to the North Madras Coast till the 21st when it became unimportant. Thereafter weather over the Presidency was generally dry.

Another depression formed in the Central Bay of Bengal on the 25th which however failed to affect weather in the Presidency.

During the passage of the depression in the Bay from the 15th till it disappeared, rainfall was locally very heavy in South East Madras and heavy in parts,

of the South Circar Coast. Rainfall was in excess in the southern districts Carnatic, parts of Circars, Travancore and the Hills.

Chief falls of rain were :

Trichinopoly 11·7".
Usailipatty 13·8".
Keer-onur (Pudukottah) 11·3".
Pudukottah 10·7".
Ootacamund 8·1".
Ernakulam 8·2". All between 16th and 17th.

Weather Report for the Research Institute Observatory.
Report No. 11/39.

Absolute maximum in shade.	...	86·3°F.
Absolute minimum in shade.	...	63·5°F.
Mean maximum in shade.	...	83·1°F.
Departure from normal	...	-1·4°F.
Mean minimum in shade	...	68·9°F.
Departure from normal	...	+0·4°F.
Total rainfall for the month	...	4·81"
Departure from normal	...	Nil.
Heaviest fall in 24 hours	...	2·24" on 16th.
Number of rainy days	...	6
Mean daily wind velocity	...	0·8 mile per hour.
Departure from normal	...	-1·4 m. p. h.
Mean humidity at 8 hours	...	84·6%
Departure from normal	...	+4·0%

Summary. The rainfall of 4·81 inches during the month was just normal 3·52 inches of this was received during the 3rd week of the month. The heaviest fall of 2·24" was on the 16th. Skies were moderately to heavily clouded and the humidity was in excess. The mean maximum temperature was below normal. The mean minimum temperature was very slightly above normal and the mean daily wind velocity was below normal.

Departmental Notifications.

Gazettee Notifications.

Transfers.

Name of Officers.	From	To
Sri. M. Kanti Raj Naidu,	Offg. Junior L. A., and Supdt. Central Farm,	Asst., D. A., St. Thomas Mount.
„ A. Ramaswami Ayyar,	Offg. Asst. D. A., St. Thomas Mount, Madras.	Offg. Asst., D. A., Tiruppattur.
„ V. T. Subbiah Mudaliar,	Offg. Asst., D. A., Tiruppattur.	Offg. Asst., D. A., Pattukottai.
Nawabzada Saddat-ul-lah Khan Esq.,	D. D. A., (on leave.) Supd. Live Stock Research Station, Hosur.	D. D. A., Trichinopoly. A. D. A. Pattukottai.

Subordinate Services.**Transfers.**

Name of Officers.	From	To
Sri. K. Achuthan Nambiar,	Asst. A. D., in Mycology, Tellicherry.	Asst., A. D. in Mycology, Coimbatore.
Janab A. Azimmudin Sahib,	A. D. (on leave.)	A. D., Kulitalai.
Sri. V. V. Rajagopalan,	A. D. on Special duty under the S. G. S., Nellikupam.	Offg. Asst. in Entomo- logy, Coimbatore.
„ K. Venkataswami Naidu,	A. D., Palladam.	A. D., Rapur, Nellore.
„ J. V. V. Suryanarayana,	A. D., Rajampet.	A. D., Rayachoti.
„ K. C. Thomas,	F. M. Central Farm (on leave.)	A. D., Palladam.
„ S. Veeravarada Raju,	A. D., Madanapalle.	A. D., Sriperumbudur.
„ E. Kunhappa Nambiar,	Gazetted Asst., to the Principal, Coimbatore.	F. M., in charge of the Central Farm.
„ A. Gopalan Nair,	Agricultural Upper Subordinate (on leave.)	F. M., Central Farm, Coimbatore.

Leave.

Name of Officers.	Period of leave.
Janab K. Soopi Haji Sahib, Offg. F. M., Sim's Park, Coonoor.	L. A. P. for 2 months from 4-1-1940.
Sri. K. Saptharishi, A. R. S., Aduthurai.	L. a. p. for 1 month from 3-1-40.
„ U. S. Aiyaswami Ayyar, A. D., (on leave.)	Extension of l. a. p. on m. c. for 3 months in continuation of leave already granted.
„ M. Subba Reddi, A. D., Rayachoti.	Extension of l. a. p. on m. c. for 2 months from 8-11-39.
„ K. Govindan Nambiar, A. D., Choyyar.	L. a. p. on m. c. for 4 months from 22-11-39.
„ A. P. Balakrishnan Nair, A. D., Omalur.	Extension of l. a. p. on m. c. for 2 months from 21-11-39.
„ V. N. Subannacharya, A. D., IInd Circle.	L. a. p. for 3 months from the date of relief.
„ E. Kunhappa Nambiar, F. M., Central Farm, Coimbatore.	L. a. p. for 4 months from 3-1-1940.

Kerala Soap Institute, Calicut

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