(1) Number of pages_____

(2) Date of repair_____

(3) Initials of the Referencer_____

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No. / B.P. No: 3266.	Press. / Mis.
Dated 19.11.1977.	197 .

Not to be folded or roughly handled

Archives I—5,806—24-2-78.

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

3266/1

19th November 1877, No. 3,266.

Read the following paper :—

No. 182. Proceedings of the Board of Revenue, dated 15th September 1877, No. 4,322.

Read again the following :—

Miscellaneous No. 2,455.

Read the following letter from J. G. HORSFALL, Esq., Acting Collector of South Arcot, to H. E. STOKES, Esq., Acting Secretary to the Board of Revenue, dated Cuddalore, 7th February 1877, No. 48 :—

In forwarding copy of a letter from the Sub-Collector, dated 2nd instant, No. 92, I have the honor to request the sanction of the Board for the expenditure of Rupees 22-6-1, incurred under his orders in the cultivation of *Sorghum saccharatum* (Mukka Cholum) in the vicinity of Virdachellam.

2. I have pointed out to Mr. Wallace that he ought not to have incurred the expenditure without previous sanction.

Enclosure No. 1.

From J. WALLACE, Esq., Acting Sub-Collector, to J. G. HORSFALL, Esq., Acting Collector of South Arcot, dated Virdachellam, 2nd February 1877, No. 92.

With reference to your letter, No. 874, dated 17th August 1876, I have the honor to state that considering the adverse season and the result of experiment made on previous occasions by distributing several kinds of seeds to intelligent ryots having been fruitless, I ordered my Sheris- [illegible] Cholum and *Sorghum saccharatum* therewith [illegible] of [illegible] permanent advance funds of this office. For expenditure of Rupees 10-12-1 incurred up to 19th ultimo, I send a bill to the taluq treasury, Virdachellam, for being cashed. The Treasury Officer having felt doubt, it appears, referred the matter for orders to the Treasury Deputy Collector, who decided that payment should not be made before obtaining Government sanction. The total expenditure incurred on this account up to date amounts to Rupees 22-6-1. I have the honor to request that you will be good enough to obtain necessary sanction at your earliest convenience from the Government, and to order the payment of this sum and the future expenditure, as there is no more money available for expenditure from the permanent advance unless the full amount is immediately reimbursed.

2. The extent of cultivation of these two kinds of cholum is about 0-4-0 cawny, and they now give a fair promise of good results. They are in flower, and they will be ready for harvest in about two months. For want of rain mechanical contrivances have been applied and with success, though, of course, with some cost. The instructions contained in the pamphlet as regards the use of tar was also attended to.

(True Copy.)

(Signed) J. G. HORSFALL,
Acting Collector.

Enclosure No. 2.—Bill.

The Collector is requested to state whether Rupees 22-6-1 constitutes the whole expenditure incurred in connection with the experiment, what results were attained, and whether the outlay cannot be recouped by the sale of the produce.

(True Copies and Extract.)

(Signed) C. A. GALTON,
Acting Sub-Secretary.

To the Collector of South Arcot.

Read also the following letter from C. A. BIRD, Esq., Acting Sub-Collector, to F. R. H. SHARP, Esq., Acting Collector of South Arcot, dated Cuddalore, 3rd July 1877, No. 517 :—

I HAVE the honor to submit the following report on the cultivation of the two sorts of Maize in the sub-division of South Arcot, and to enclose the two blank forms received with your letter, No. 25, dated 9th January last, giving the particulars of cultivation duly filled up.

2. As reported in this office letter, No. 93, dated 1st February last, owing to the unwillingness, it is said, on the part of the ryots, the experiment was tried by the sub-division Sheristadar, and the cultivation was made with expenses incurred from the permanent advance, &c., of this office, and a bill of expenditure is herein enclosed.

3. The cultivation, as you will observe, was tried at Virdachellum, and owing to want of proper and seasonable rains mechanical contrivances were used for irrigation. The cost of cultivation was Rupees 35-8-2 and the outturn of the cultivation was 12 lbs. $5\frac{1}{16}$ oz. of grain and $\frac{1}{4}$ candy of straw and one candy of undried fodder for respectively 9 lbs. $3\frac{3}{4}$ oz. of Maize and 10 lbs. $6\frac{1}{4}$ oz. of *Sorghum saccharatum*. The result was accordingly very unsatisfactory.

4. I request that the amount of expenses incurred may be sanctioned, so that the permanent advance may be reimbursed.

rom

No. 308.

FORWARDED to the Secretary to the Board of Revenue with reference to their Proceedings, No. 2,455, dated 19th February 1877.

CUDDALORE, 11th July 1877.

(Signed) F. R. H. SHARP, Acting Collector.

ENCLOSURE No. 1.

BILL for Miscellaneous Expenditure incurred as per Sub-Collector's Memorandum to Sheristadar No. 2.

6 Ploughs at 6 Annas each	2	4	0
2 Visses of tar for preparing the seed	0	8	9
10 Bandy-loads of manure	2	6	0
5 Do. of thorns for fencing the land cultivated with cholum	2	8	0
Cooly paid for a carpenter for making a picottah	0	6	0
2 Nails (large) for picottah	0	1	0
Cooly paid for watering the cultivation in December 1876	0	5	0
Monthly pay of a gardener from 11th to 30th November 1876 at Rupees 3-8-0 a month	2	5	4
Pay for the same for December and January	7	0	0
1 Coir-rope for picottah	0	3	0
6 Men-coolies for irrigating the cultivation	0	3	0
4 Boys for helping do. do.	0	2	0
1 Bucket for irrigation	0	5	0
Gardener's pay for February	3	0	0
7 Coolies for irrigation	3	8	0
1 Cooly for do.	0	14	0
8 Boys for helping	0	2	0
Gardener's pay for March and April 1877	0	8	0
Do. up to 10th May as ordered by the gentleman in the petition of the gardener enclosed	7	0	0
	1	2	1
Total Expenditure ...	35	8	2

(Signed) C. A. BIRD, Acting Sub-Collector.

(True Copy.)

(Signed) F. R. H. SHARP, Acting Collector.

3266/2

Experiment made with Mukka Cholum (Maize) in the village of Virdachellum situated in the Taluq of Virdachellum in South Arcot District.

Red clay mixed with sand	1	General nature of soil.	Cawnies 0-1-1.	2	Area of land sown.	Was two years waste, before which cultivated with plantain.	3	Cultivation of soil before sowing.	Cowdung, 4 handy-loads.	4	Kind and quantity of manure used.	100 P. C. Vital Grain taken and sown.	5	Per cent. of vital Grain in seed.	Planted.	6	Method of sowing seed.
	10	Number of plants at time of crop.	...	11	Date of plants flowering.		12	If irrigated, how many times?	28 times.								
	10	Number of plants at time of crop.	3rd January 1877.	11	Date of plants flowering.		12	If irrigated, how many times?	28 times.								
	10	Number of plants at time of crop.	...

Experiment made with Sorghum Saccharatum in the Village of Virdachellum situated in the Taluq of Virdachellum in the South Arcot District.

1	General nature of soil.	Red clay mixed with sand.
2	Area of land sown.	Cawnies 0-2-1.
3	Cultivation of soil before sowing.	Was two years waste, before which cultivated with plantain.
4	Kind and quantity of manure used.	Cowdung, 6 bandy-loads.
5	Per cent. of vital grain in seed.	100 P. C. vital grain taken and sown.
6	Method of sowing seed.	Sown broadcast.
7	Pounds of seed sown.	10 lbs. 6½ oz.
8	Date of sowing.	Half the land 1st December 1876, half the land 25th December 1876.
9	Date of appearance of plants above ground.	Former on the 8th December 1876, latter on the 3rd January 1877.
10	Cultivation during growth.	Between the 5th and 30th January 1877.
11	Date of plants flowering.	28 times.
12	If irrigated, how many times?	Wet days. | Inches.
13	Number of inches of rain-fall and number of wet days recorded at nearest station during growth of crop.	4 days. | ·45
14	Date when crop harvested.	...
15	Weight of fodder, 24 hours after cutting* and not wetted by rain.	1 candy
16	Weight of grain when fit for market.	...
17	Weight of straw when dry.	...

* This space will of course be left blank when no crop is allowed to produce grain.

(True Copy.)

(Signed) C. A. WIRD,
Acting Sub-Collector.

(Signed) F. R. H. SHARP,
Acting Collector.

SANCTION is accorded for the expenditure of Rupees 35-8-2 according to the bill now submitted, which supplements and takes the place of that forwarded on the previous occasion.

2. The papers will be submitted for the information of Government.

(A true Copy and Extract.)

(Signed) C. D. MACLEAN,
Additional Sub-Secretary.

No. 183. ORDER THEREON, 19th November 1877, No. 3,266.

Miscellaneous.

RECORDED.

(True Extract.)

(Signed) C. G. MASTER,
Secretary to Government.

Exd. F. R. Bantleman.

Govt. of {1877} Madras.

REVENUE.

To

THE BOARD OF REVENUE.

Dated November 19th.

Received

G.O., 19th November 1877, No. 3,2[illegible]

NOVEMBER.

Nos. 182-183.

Experimental Cultivation of Sorghum saccharatum, &c.—Recording Proceedings of the Board of Revenue submitting report of the Sub-Collector of South Arcot on — in Virdachellam.

3266/4

No. 4,322.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 15th September 1877.

Read again the following :—

Miscellaneous No. 2,455.

Read the following letter from J. G. HORSFALL, Esq., Acting Collector of South Arcot, to H. E. STOKES, Esq., Acting Secretary to the Board of Revenue, dated Cuddalore, 7th February 1877, No. 48 :—

IN forwarding copy of a letter from the Sub-Collector, dated 2nd instant, No. 92, I have the honor to request the sanction of the Board for the expenditure of Rupees 22-6-1, incurred under his orders in the cultivation of *Sorghum saccharatum* (Mukka Cholum) in the vicinity of Virdachellam.

2. I have pointed out to Mr. Wallace that he ought not to have incurred the expenditure without previous sanction.

ENCLOSURE No. 1.

From J. WALLACE, Esq., Acting Sub-Collector, to J. G. HORSFALL, Esq., Acting Collector of South Arcot, dated Virdachellam, 2nd February 1877, No. 92.

WITH reference to your letter, No. 874, [illegible] dated 17th August 1876, I have the honor to state that considering the adverse season and the result of experiment made on previous occasions by [illegible] several kinds of [illegible] intelligent ryots having been fruitless, I ordered my Sheris[illegible] to cultivate the [illegible] Cholum and [illegible] therewith [illegible] Government land lying waste close to the Manimutanadi river at Virdachellam, incurring the expenditure from the permanent advance fund of this office. For expenditure of Rupees 10-12-1 incurred up to 19th ultimo, I send a bill to the taluq treasury, Virdachellam, for being cashed. The Treasury Officer having felt doubt, it appears, referred the matter for orders to the Treasury Deputy Collector, who decided that payment should not be made before obtaining Government sanction. The total expenditure incurred on this account up to date amounts to Rupees 22-6-1. I have the honor to request that you will be good enough to obtain necessary sanction at your earliest convenience from the Government, and to order the payment of this sum and the future expenditure, as there is no more money available for expenditure from the permanent advance unless the full amount is immediately reimbursed.

2. The extent of cultivation of these two kinds of cholum is about 0-4-0 cawny, and they now give a fair promise of good results. They are in flower, and they will be ready for harvest in about two months. For want of rain mechanical contrivances have been applied and with success, though, of course, with some cost. The instructions contained in the pamphlet as regards the use of tar was also attended to.

(True Copy.)

(Signed) J. G. HORSFALL,
Acting Collector.

ENCLOSURE No. 2.—Bill.

THE Collector is requested to state whether Rupees 22-6-1 constitutes the whole expenditure incurred in connection with the experiment, what results were attained, and whether the outlay cannot be recouped by the sale of the produce.

(True Copies and Extract.)

(Signed) C. A. GALTON,
Acting Sub-Secretary.

To the Collector of South Arcot.

Read also the following letter from C. A. BIRD, Esq., Acting Sub-Collector, to F. R. H. SHARP, Esq., Acting Collector of South Arcot, dated Cuddalore, 3rd July 1877, No. 517 :—

I HAVE the honor to submit the following report on the cultivation of the two sorts of Maize in the sub-division of South Arcot, and to enclose the two blank forms received with your letter, No. 25, dated 9th January last, giving the particulars of cultivation duly filled up.

2. As reported in this office letter, No. 93, dated 1st February last, owing to the unwillingness, it is said, on the part of the ryots, the experiment was tried by the sub-division Sheristadar, and the cultivation was made with expenses incurred from the permanent advance, &c., of this office, and a bill of expenditure is herein enclosed.

3. The cultivation, as you will observe, was tried at Virdachellum, and owing to want of proper and seasonable rains mechanical contrivances were used for irrigation. The cost of cultivation was Rupees 35-8-2 and the outturn of the cultivation was 12 lbs. $5\frac{1}{4}$ oz. of grain and $\frac{1}{4}$ candy of straw and one candy of undried fodder for respectively 9 lbs. $3\frac{3}{4}$ oz. of Maize and 10 lbs. $6\frac{1}{4}$ oz. of *Sorghum saccharatum*. The result was accordingly very unsatisfactory.

4. I request that the amount of expenses incurred may be sanctioned, so that the permanent advance may be reimbursed.

No. 308.

FORWARDED to the Secretary to the Board of Revenue with reference to their Proceedings, No. 2,455, dated 19th February 1877.

(Signed) F. R. H. SHARP,
Acting Collector.

CUDDALORE,
11th July 1877.

ENCLOSURE No. 1.

Bill for Miscellaneous Expenditure incurred as per [illegible] dated the 19th October 1876, No. 455, for the Experimental Cultivation of Maize Cholum in Virdachellum.

		Rs.	A.	P.
6	Ploughs at 6 Annas each	2	4	0
2	Visses of tar for preparing the seed	0	8	9
10	Bandy-loads of manure	2	6	0
5	Do. of thorns for fencing the land cultivated with cholum	2	8	0
	Cooly paid for a carpenter for making a picottah	0	6	0
2	Nails (large) for picottah	9	1	0
	Cooly paid for watering the cultivation in December 1876	0	5	0
	Monthly pay of a gardener from 11th to 30th November 1876 at Rupees 3-8-0 a month	2	5	4
	Pay for the same for December and January	7	0	0
1	Coir-rope for picottah	0	3	0
6	Men-coolies for irrigating the cultivation	0	12	0
4	Boys for helping do. do.	0	5	0
1	Bucket for irrigation	3	6	0
	Gardener's pay for February	3	8	0
7	Coolies for irrigation	0	14	0
1	Cooly for do.	0	2	0
8	Boys for helping	0	8	0
	Gardener's pay for March and April 1877	7	0	0
	Do. up to 10th May as ordered by the gentleman in the petition of the gardener enclosed	1	2	1
	Total Expenditure ...	35	8	2

(Signed) C. A. BIRD,
Acting Sub-Collector.

(True Copy.)
(Signed) F. R. H. SHARP,
Acting Collector.

3246/5

Experiment made with Multka Cholum (Maize) in the village of Virdachellum situated in the Taluq of Virdachellum in South Arcot District.

ENCLOSURE No. 2.

Red clay mixed with sand	1	General nature of soil.	Cawries 0-1-1.	2	Area of land sown.	Was two years waste, before which cultivated with plantain.	3	Cultivation of soil before sowing.	Cowdung, 4 bandy-loads.	4	Kind and quantity of manure used.	100 P. C. vital grain taken and sown.	5	Per cent. of vital grain in seed.	Planted.	6	Method of sowing seed.	9 lbs. $3\frac{3}{4}$ oz.	7	Pounds of seed sown.	1st December 1876.	8	Date of sowing.	7th December 1876.	9	Date of appearance of plants above ground.	4 candy.	17	Weight of straw when dry.
																											12 lbs. 5 $\frac{1}{4}$ oz.	16	Weight of Grain when fit for market.
																											...	15	Weight of fodder, 24 hours after cutting, and not wetted by rain.
																											4th and 18th March 1877.	14	Date when crop harvested.
																											4 days in December.	45	13	Number of inches of rainfall and number of wet days recorded at nearest station during Growth of crop.
																											Wet days.	Inches.	
																											28 times.		12	If irrigated, how many times?
																											3rd January 1877.		11	Date of plants flowering.
																											...			of crop.

* This space will of course be left blank when the crop is allowed to produce grain.

(Signed) C. A. BIRD,
Acting Sub-Collector.

(Signed) F. R. H. SHARP,
Acting Collector.

(True Copy.)

SANCTION is accorded for the expenditure of Rupees 35-8-2 according to the bill now submitted, which supplements and takes the place of that forwarded on the previous occasion.

2. The papers will be submitted for the information of Government.

(A true Copy and Extract.)

Additional Sub-Secretary.

To the Secretary to Government, Revenue Department.
" Collector of South Arcot.

Copy to the Accountant-General,
" " Superintendent of Government Farms.

Erd. F. R. Bantleman.

Experiment made with Sorghum Saccharatum in the Village of Virdachellum situated in the Taluq of Virdachellum in the South Arcot District.

Experiment No. 3.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Red clay mixed with sand.	Cawnies 0-2-1.	Was two years waste, before which cultivated with plantain.	Cowdung, 6 bandy-loads.	100 P. C. vital grain taken and sown.	Sown broadcast.	10 lbs. 6½ oz.	Half the land 1st December 1876, half the land 25th December 1876.	Former on the 8th December 1876, latter on the 3rd January 1877.	...	Between the 5th and 30th January 1877.	28 times.	Wet days. Inches. 4 days. .45	...	1 candy	...	...
General nature of soil.	Area of land sown.	Cultivation of soil before sowing.	Kind and quantity of manure used.	Per cent. of vital grain in seed.	Method of sowing seed.	Pounds of seed sown.	Date of sowing.	Date of appearance of plants above ground.	Cultivation during growth of crop.	Date of plants flowering.	If irrigated, how many times?	Number of inches of rainfall and number of wet days recorded at nearest station during growth of crop.	Date when crop harvested.	Weight of fodder, 24 hours after cutting* and not wetted by rain.	Weight of grain when fit for market.	Weight of straw when dry.

* This space will of course be left blank if the crop is allowed to produce grain.

(Signed) C. A. BIRD,
Acting Sub-Collector.

(Copy.)

(Signed) F. R. H. SHARP,
Acting Collector.

Revenue Department

No 4735

1877.

Board of Revenue,

MADRAS.

PROCEEDINGS, 15TH SEPT. 1877, No. 4,322.

[illegible] Encl.

Dec 9 Nov '77

Received 10/11 10th November

SEPTEMBER.

No. 4,322.

Sorghum saccharatum, &c. — Submitting t Government report from Sub-Collector of Sout Arcot on experimental cultivation of — in the vicinity of Virdachellam, and sanctioning expenditure of Rupees 35-8-2 incurred for the purpose.

No 3266

Recorded

[illegible] 19-11-77

14 To Acc of Revenue 26-11-77

182-83

[illegible] 19/11/77