

yoked together. As Mr. Couchman hints it is not as efficient as the mhote.

D. T. C.

Practice better than Precept.

We have received a number of contributions detailing actual experiences of cultivators, in connection with agricultural improvements suggested by the Department. A few *actual experiences* count more in the eyes of cultivators in general than any amount of *precepts*. We propose, therefore, to devote a portion of our columns to this subject in every issue.

FISH MANURE ON PADDY.

On 30th September 1913, having learnt that fish manure is a good one for paddy from M. R. Ry. W. Raghavachariar Avl, Farm Manager on special duty and having been induced by him to purchase it, I obtained through him 10 bags of it and applied 5 bags for an acre of Karthigai Samba paddy in the Brahmanaperia Agraharam village, Erode Taluk. I raised thin paddy nursery using $1\frac{1}{2}$ Madras Measures for a cent and the seedlings therefrom were transplanted singly. In one acre of the field planted in this way, 5 bags of fish manure were used. This second crop Karthigai Samba tillered well, was of dark colour and extremely healthy with very long ear heads in which the grains were closely set. This crop was much better than that manured with Kolingi and yielded as follows:—

In ordinarily planted fields which received Kolingi leaves costing Rs. 20 the yield per acre was	...	...	...	10 salagais.
In an acre of field which received fish manure costing Rs. 14 per acre the yield per acre was	...	...	...	13 salagais.
Thus the gain per acre in the cost of fish manure				Rs. 6—0—0
The value of increased yield per acre, 3 salagais, by the use of fish manure	...	...	...	18—0—0
			Total.	<u>Rs. 24—0—0</u>

Never did we obtain so much yields in these fields as by the use of this manure. We could not purchase and use this manure this year as it was not procurable. In my opinion there is no manure superior to this for paddy. (Sulagai of paddy weighs 160 to 168 lbs.)

(Sd) NANJAPPA THEVAN,

Dated 14-8-1914.

Brahmanaperia Agraharam, Erode.

FISH MANURE FOR SUGARCANE.

Last year M. R. Ry. W. Raghavachariar, Farm Manager on special duty, Coimbatore District, informed me that fish manure was good for Sugarcane crop and asked me to use it and, through his inducement, I obtained 45 bags of which I used 20 bags for $2\frac{1}{2}$ acres of Sugarcane. It cost me Rs. 2 per bag when received in this village. After the application of this manure the crop tillered and grew exceedingly well. This year the crops suffered very much owing to severe drought from March to June and owing to insufficient water in the wells. Owing to this circumstance the yield of jaggery per acre was only 30 pothies. But ordinarily if an acre of Sugarcane is manured with 40 Rs. worth of Kolingi leaves and does not suffer for want of irrigation, an yield of 45 pothies of jaggery is obtained. The yield of jaggery is low this year owing to want of supply of sufficient water. If the crop had been manured with 16 Rs. worth of Kolingi leaves per acre (just the cost of fish manure), with the same drought as this year, I would not have got any thing over 20 pothies. The most important thing to be attended to by those who use this manure is that they should see that the crop receives irrigation without break and that it is carefully saved even in the summer drought. Several ryots of this village have decided to use this manure liberally for paddy this coming season after seeing the excellent results of this manure on paddy raised by Thenpalani Thevan of Irungtr.

(Sd) S. ANANDAPADMANABHA IYER,

Mirasdar & Village Munsiff of Odderpalayam village,