

Product News

NEW FAST REAPING MACHINE DEVELOPED

PANTNAGAR, June 23 : In its bid to herald second green revolution in the country through mechanisation, the Pantnagar University has developed an efficient animal drawn engine operated reaper windrower, which timely executes harvesting and threshing with substantial saving in labour charges and reduction in the possible losses under adverse weather besides conservation of wheat straw for cattle feed.

The harvesting efficiency of this machine is 2.5 acre in 8 hours which is equivalent to about 20 man days. An ordinary diesel engine of 5 horse power which is normally used by the farmers for pumping water, etc. may very well be used for operating this reaper windrower consisting of a metre long cutter blade with a conveyer belt.

In a comparative study to evaluate its performance with manual harvesting followed by tractor threshing and that of combining at a normal (30.8 cm) and lowest possible height (23 cm), it was found that as compared to manual harvesting and threshing loss of 2% of grain yield occurred, whereas in case of a combine, the quantity of loss was 7-7.5 per cent. The study further revealed that although combining at normal height of cut is the most economical device, but when reduced recovery of grain and loss of bhusa is taken into account, combine harvesting becomes very much costlier. As such, this new machine may prove much more beneficial to the farmers for timely and economical harvesting of crops like wheat and paddy.

("National Herald" Lucknow)

IMPROVEMENT IN AUTOMATIC WEATHER STATION

THE MARK XII version of the already successful Automatic Weather Station from ELE International will be considerably easier for the user to install and operate and will offer far more flexibility in the choice of readings available.

Amongst the many features offered by the new British-built Weather Station are: the option of installing up to 16 sensors of any type or combination, the ability of the unit to operate in remote sites without attention storing up to three months data, and the built-in microprocessor able to summarise the data into an immediately usable graphical or tabular form. These summaries are available automatically at 9 am, and at other times to suit the particular operation.

An RS232 link enables the unit to be coupled to a computer or modem for the extraction of data either in the field or by means of a remote link. For operation in really remote areas a battery version is available with solar or wind-powered generators for maintaining

the battery charge. Furthermore, internal batteries on the computer board memory provide memory protection for the microprocessor of around 5 years.

For more information on the ELE Weather Station contact Mr MJ Cryer, Publicity Manager.

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TRACTOR INDUSTRY :
MONTHLY PRODUCTION AND SALES DATA : JUNE 1988

Sl Company No.	Period	Upto 20 H.P.		21-30 H.P.		31-40H.P.		41-50 H.P.		51H.P &Above		Total	
		Prod	Sale	Prod	Sale	Prod	Sale	Prod	Sale	Prod	Sale	Prod	Sale
1. Eicher	June'88	-	-	986	1158	-	57	-	-	-	-	986	1215
	Jan-June'88	-	-	6631	7722	-	352	-	-	-	-	6631	8074
	Apr-June'88	-	-	3413	4128	-	237	-	-	-	-	3413	4365
2. Capol (Sales thru Eicher)	June'88	-	-	141	-	34	-	-	-	-	-	175	-
	Jan-June'88	-	-	636	-	341	-	-	-	-	-	977	-
	Apr-June'88	-	-	410	-	146	-	-	-	-	-	556	-
3. Escorts	June'88	-	7	130	126	975	980	133	140	-	-	1238	1253
	Jan-June'88	-	21	895	909	5190	5301	1022	1056	-	-	7107	7287
	Apr-June'88	-	10	569	564	2663	2763	470	492	-	-	3702	3829
4. Escorts Ford	June'88	-	-	-	-	-	-	762	754	-	-	762	754
	Jan-June'88	-	-	-	-	-	-	4642	4635	-	-	4642	4635
	Apr-June'88	-	-	-	-	-	-	2351	2369	-	-	2351	2369
5. Gujarat	June'88(Figures Not Received)												
6. *HMT	June'88	-	-	519	499	531	568	-	-	93	92	1143	1159
	Jan-June'88	-	-	3063	3136	3601	3627	-	-	708	690	7372	7453
	Apr-June'88	-	-	1598	1562	1652	1648	-	-	325	304	3575	3514
7. Kirloskar	June'88	-	-	-	-	-	-	6	6	-	2	6	8
	Jan-June'88	-	-	-	-	-	-	65	66	8	12	73	78
	Apr-June'88	-	-	-	-	-	-	29	31	6	9	35	40
8. Mahindra	June'88	-	-	267	220	1164	1085	219	207	-	-	1650	1512
	Jan-June'88	-	-	1549	1494	6248	6324	1145	1101	-	-	8942	8919
	Apr-June'88	-	-	798	826	3455	3421	648	592	-	-	4901	4839

9. Punjab	June'88	8	15	402	383	572	571	-	-	45	44	1027	1013
	Jan-June'88	189	167	2366	2399	2971	2989	-	-	322	361	5848	5916
	Apr-June'88	76	52	1134	1126	1524	1520	-	-	196	195	2930	2893
10. TAFE	June'88	-	-	2	5	1281	1363	84	51	-	-	1367	1419
	Jan-June'88	-	-	125	117	6565	6472	283	261	-	-	6973	6850
	Apr-June'88	-	-	28	55	3698	3709	163	182	-	-	3889	3946
Total Industry		273	272	25662	26429	42611	42987	12022	11943	1703	1709	82271	83340

* Estimated figures

EX-FACTORY PRICE OF TRACTORS AS ON 1ST JUNE 1988

(Inclusive of Excise Duty and Dealer Margin, but excluding Sales Tax, Freight, Octroi, Local Taxes)

Sl No	Company & Model	Ex-factory Price (Rs)	Sl. No.	Company & Model	Ex-factory Price (Rs)
1.	Eicher		6.	HMT	
	Std Chandi	49,100		-- 2511	74,300.00
	Eicher Std 241	65,670		-- 3511	93,876.94
	Eicher Std 242	67,610		-- 5911	1,32,670.44
	Eicher Std Heera	69,635			
	Eicher Sona/Gold	91,505	7.	Kirlokar	Figures not received
2.	Capol	Same as Eicher	8.	Mahindra	
3.	Escorts			B 275	99,327.28
	-- 320	62,550		444 Super	1,08,268.78
	-- 325	79,000		495	1,24,453.69
	-- 330	85,457		500	1,06,047.82
	-- 335	92,566		255	80,650.00
	-- 345	95,652			
	-- 355	1,08,423	9.	Punjab	
4.	Escorts Ford			Swaraj 720	54,900.00
	-- 3600	1,25,402		724	76,900.00
	-- 3610	1,31,684		735	96,000.00
				855	1,16,500.00
5.	Gujarat	Figures not received	10.	TAFE	
				MF 1035	1,03,356.53
				MF 245	1,32,219.27
				MF 25	79,000.00

(TRACTOR MANUFACTURERS ASSOCIATION NEW DELHI)