

Farm power



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Introduction

Farm power is one of the most expensive and critical inputs when growing a rice crop. All operations require a certain amount of power and often the success of the crop depends on the ability to get the task completed on time.

Humans, animals and machines are all used as sources of power in agriculture production. Often it takes the same amount of energy to complete a task and as the table shows, time is the major variable.

There are 4 major sources of farm power

1. Human power
2. Animal power
3. 2-wheel tractors
4. 4-wheel tractors
5. Electricity
6. Solar power



Comparisons of different power source to plough 1 ha of land.

Sl No	Source	Time required
1	Human (1 person)	30days
2	Draft animal (2 animals)	5-6 days
3	2 wheel tractor (12 HP)	2 days
4	4 wheel tractor (35 HP)	2-3 hours