



## Farm holding and machines

The farm holding in India are classified as

- Marginal - <1ha
- Small - 1 – 2 ha
- Semi medium – 2- 4 ha
- Medium - 4 – 10 ha
- Large - >10 ha

The first tractor to India was brought in 1914.

### Average command area

One pair of drought animals	2 ha
Power tillers	5 ha
Tractor	15 ha

Means 2000 ha of cultivated land, the bullocks, power tiller and tractor and generally Required as follows –  
1000 pairs of bullocks 400 power tillers 134 tractors

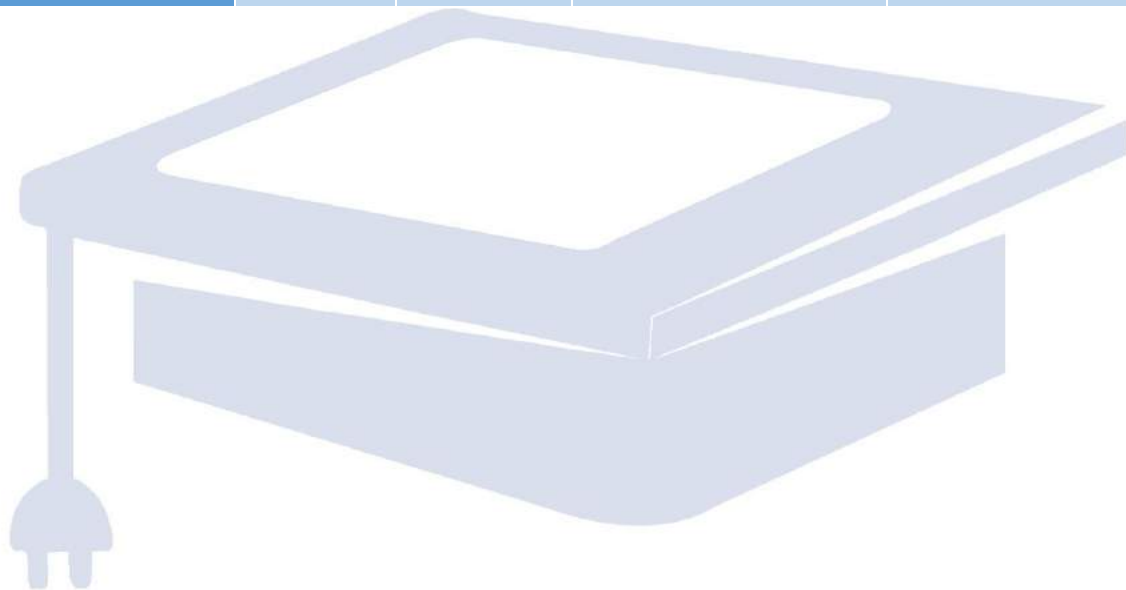
Useful Life hour average field capacity and average speed of various Machines:



Name of machine	Useful Life		Recommended Average speed	Recommended Average Field Capacity
	HOURS	YEARS	Km/hr.	%
Tractor	10000	10		
Power tiller	8000	10		
Stationary engine	10000	10		
Electric motor	15000	15		
Combine (Self propelled)	3000	06	2 – 3.5	75
Combine (Mounted and Drawn)	2000	07	2 – 3	70
Plough	3000	10	4.5	80
Disc harrow	3000	10	6	70
Seed Drill	2500	10	5	70
Seed Cum Fertilizer Drill	2000	08	5	70
Planter	2000	08	5	70
Cultivator	4000	10	6	80
Towed Scraper	2000	10		
Power Sprayer	2000	08		
Seed Cleaner	2500	05		
Trailer	3600	12		
Power Thresher	2500	08		



Centrifugal Pump	10,000	10		
Power Chaff Cutter	5000	08		
Rotavator	2400	08	2.5	80
Ridger	1500	12	4.5	90
Blade Terracer	2000	10		
Puddler	2500	10	5	75
Cane Crusher	10000	10		



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