



FARM MACHINERY TESTING CENTRE

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SPECIFICATION SHEET OF POTATO PLANTER

1.0	General	
	Name of the implement	
	Address of Manufacturer	
	Name & Address of Applicant	
2.0	Specifications	
	Type	
	Make	
	Serial no.	
	Model	
	Year of manufacture	
	Maximum PTO power kW (Ps)	
	Engine speed for field operation recommended by applicant (rpm)	
3.0	Constructional Details	
3.1	Ridgers	
	Number of ridgers	
	Method of changing of ridge spacing	
	Range of Spacing (mm)	
	Soil covering device	
	Method of adjustment of height of soil covering device	
	Wing width range, Minimum/Maximum	
	Method of changing of wing width	
	Depth control	
3.2	Seed Metering Mechanism	
	Type	
	No. of openings, if ring type	
	No. of cups, if cup type	
	Drive details	
	Speed ratio of shaft metering device to ground wheel axle	
	Internal diameter of speed tube (mm)	
	Provision of shovel in front seed tube	
	Size of shovel, Length/Width/Thickness	
	Height of lower end of seed tube, mm From the ground From the lower end of the shovel attached to seed tube	
3.3	Ground Wheel Details	
	No. of wheels	
	Type of wheels	

	Size. mm	
	Diameter, Maximum/Minimum	
	Thickness of sheet	
	Method of transmitting power to feed shaft	
3.4	Frame	
	Type	
	Size of box, mm	
	Provision for changing of row spacing	
3.5	Operator's seat	
	Type	
	Thickness of sheet	
	Diameter from centre of seat to hopper edge, mm	
	Provision of foot support	
3.6	Hopper	
	Capacity, kg	
	Type	
	Thickness of hopper sheet, mm	
4.0	Type of hitch and its details	
	Type	Category-I/Category-II
	Shape	
	Material of construction	
	Size of flat, mm	
	Length of lower link hitch pins, mm	
	Height of lower link hitch pins from ground level, mm	
	Upper hitch point Dia. of hitch pin	
	Dia. of hitch pin hole	
	Width between outer faces of yoke	
	Width between inner faces of yoke	
	Linch pin hole distance	
	Lower hitch point Dia. of hitch pin	
	Dia. of hitch pin hole	
	Linch pin hole distance	
	Mast Type	
	Mast height	
	Size of flat	
	Shape	
5.0	Number of Greasing Points	
	Number of oil holes	
6.0	Provisions for adjustments	
	Adequacy of protection of bearings against the ingress of dust	
	Provision of lubrication of moving parts	
	Provision for belt or chain tightening	
	Adequacy of anticorrosive coating	
	Tightness of bolts, and nuts and other fasteners	
	Condition of welding of seams	

	Other observations	
	Tuber distance adjustments	
	Row spacing adjustments	
	Depth of planting adjustments	
	Tuber size adjustments	
7.0	Overall dimensions, mm	
	Length	
	Width	
	Without marker	
	With marker	
	Height	
	Mass, Kg	
8.0	Material for construction of various components	
	Axle and shaft	
	Seed box	
	Tines	
	Furrow opener	
	Seed carrying chute	
	Seed metering mechanism	
	Bushes	
	Pulley, Sprocket and gear	
	Hitching mechanism	
	Feed adjusting mechanism	
	Depth adjusting mechanism	
	Marker	
	Seat	
	Foot rest	
	Bearings	
	Share	

Place:

Date:

Signature : _____

Name : _____

Designation: _____