DEPARTMENT OF FARM MACHINERY AND POWER ENGINEERING
COLLEGE OF AGRICULTURAL ENGINEERING AND TECHNOLOGY
CCS HARYANA AGRICULTURAL UNIVERSITY
HISAR-125004, HARYANA

Phone:01662-255447

e-mail: fpm@hau.ernet.in
http://hau.ernet.in
hau.machinerytesting@gmail.com

SPECIFICATION SHEET OF MANUALLY OPERATED CHAFF CUTTER

1.0	**General**	:	
	Name of Machine	:	
	Name and address of Manufacturer	:	
	Name and address of applicant	:	
	Selling price in India	:	
2.0	**Technical Specification**	:	
	Make	:	
	Model	:	
	Type	:	
	Size	:	
	Serial No.	:	
	Year of Manufacture	:	
	Size of blade	:	
	Suitability	:	
3.0	**Constructional Details**	:	
3.1	**Stand**	:	
	Material & size	:	
	No. of legs	:	
	No. of leg support	:	
	Size of material for leg support	:	
	Length of leg	:	
	Width of leg	:	
	Height of leg	:	
	No. and size of holes for Fitting the chaff cutter assembly	:	
3.2	**Handle**	:	
	Handle support material	:	
	Length of handle support	:	
	Diameter of handle support	:	
	Material of grip	:	
	Diameter of grip	:	
	Length of grip	:	
	Method of fixing handle support with flywheel	:	
3.3	**Flywheel**	:	
	Material of flywheel	:	
	Diameter of flywheel	:	
	Thickness of flywheel	:	

	No. of arms in flywheel	:	
	Size of central bush	:	
	No. & size of holes on arms for fixing handle	:	
	No. & size of holes on arms for fixing blade	:	
	No. & size of holes for fixing bolts for blade setting	:	
	Mass of flywheel	:	
3.4	**Main shaft**	:	
	Material	:	
	Length of shaft	:	
	Diameter of Shaft	:	
3.5	**Worm**	:	
	Inner diameter	:	
	Outer diameter	:	
	Length	:	
	Pitch of worm	:	
	Number & size of holes for fixing the worm on main shaft	:	
	Distance of centre of hole from the end of worm	:	
3.6	**Gear**	:	
	Number of worm gear	:	
	Outer diameter of worm gear	:	
	No. of teeth on gear	:	
	Whether worm gear enclosed or open	:	
	Blade	:	
	No. of blade	:	
	Type of blade	:	
	Thickness of blade	:	
	Length of blade	:	
	Width of blade	:	
	Length of beveling	:	
	No. of bevel steps	:	
	Angle for double beveling	:	
3.7	**Feed rolls**	:	
	No. of feed rolls	:	
	Length of feed rolls	:	
	Dia. of feed rolls	:	
	No. of teeth (lower)	:	
	No. of teeth (upper)	:	
	No. of projection on circumference	:	
3.8	**Spring**	:	
	No. of spring	:	
	Length	:	
	Outer diameter	:	
	Wire diameter	:	
	No. of coils	:	
3.9	**Shear plate**	:	
	Width of shear plate	:	
	Height of shear plate	:	

3.10	**Back plate**	:	
	Length	:	
	Width	:	
	No. of teeth	:	
3.11	**Feeding trough**	:	
	Type of Feeding	:	
	Material	:	
	Height of feeding tray	:	
	Length of feeding tray	:	
	Size (width x depth) of feeding tray at outer end & inner end	:	
	Angle of inclination of tray	:	
	Method of mounting	:	
4.0	**Operator's comfort**	:	
	Height of cranking from ground level	:	
	Cranking radius	:	
5.0	**Safety Arrangements**	:	
6.0	**Transport Arrangements**	:	
7.0	**Overall dimensions**	:	
	Length	:	
	Width	:	
	Height	:	
8.0	**Mass of Machine**	:	
	With prime mover	:	
	Without prime mover	:	
9.0	**Color of Machine**	:	

Place:

Date:

Signature: _____

Name : _____

Designation: _____