



भारत सरकार/Government of India

कृषि एवं किसान कल्याण मंत्रालय/Ministry of Agriculture & Farmers Welfare

कृषि, सहकारिता एवं किसान कल्याण विभाग

Department of Agriculture, Cooperation & Farmers Welfare

उत्तर पूर्वी क्षेत्र कृषि यंत्र प्रशिक्षण एवं परीक्षण संस्थान,

FARM MACHINERY TRAINING & TESTING INSTITUTE (NER)

विश्वनाथचारिआलि, जिला-शोणितपुर (असम)/BiswanathChariali: Sonitpur: Assam-7841

E-mail : fnti-ner@nic.in,

Web site : [http:// nerfntti.dacnet.nic.in](http://nerfntti.dacnet.nic.in)

Phones: 03715-222094 , 224186

FAX:03715-230358



SPECIFICATION SHEET OF DISC PLOUGH (TRACTOR DRAWN)

1. General

1.1 Name of the implement :

1.2 Address of Manufacturer :

2.0 Technical Specifications

Type of implement :

Make :

Model :

Serial Number :

Size of plough (mm) :

Year of manufacture :

Recommended prime-mover :

2.1 Constructional Details

2.1.1 Main frame

Type :

2.1.2 Standard

Material of construction :

Dimensions (mm) :

Curved length at front :

Projected length :

Width at top/middle/bottom (mm) :

Thickness at top/middle/bottom :

2.1.3 Plough bottom

Type :

Disc angle (degree) :

Tilt angle (degree) :

Provision for adjustment of disc and tilt angles :

Type :

Material of construction :

Numbers :

Trade mark :

Nominal size (mm) :

Overall thickness (mm) :

Disc angle (°) :

Tilt angle (°) :

Provision for width of cut adjustment:

No. of holes on each disc :

Size of centre hole (mm) :

Size of fixing (circular/square) holes (mm) :

2.1.5 Furrow wheel

Type :

Material of construction :

Size (mm) :

Type & size of scrapper :

Thickness at beveled edge (mm) :

Width of beveled edge (mm) :

Beveled angle (°) :

Dimensions of axle shaft (mm) :

Numbers, type & size of bearing :

Number & size of spring (mm) :

Provisions for adjustment of furrow wheel and scraper:

Range of adjustment of furrow wheel (deg) :

2.1.6 **Disc mounting flanges**

Type :

Material of construction :

Numbers & type of bearing on each flange :

Bearing No. & size (mm) :

Provision for lubrication :

Number of holes on each flange :

-for attaching to standard :

-for attaching to disc :

-for attaching scrapper unit :

2.1.7 **Three point linkage**

Conforming to category-I/ II

Overall Dimensions (mm) :

Length :

Width :

Height :

Operational mass (kg) :

Place:

Dated:

Signature:.....

Name:.....

Designation:.....

Address:.....