Judging Guidelines – Reversible Plowing

OPENING FURROW

A single furrow shall be plowed to form the Opening Furrow. This furrow slice is turned out such that when the crown is completed all land under the crown is cut and moved. The open split is judged from twenty points in two categories:

Straightness (10 points)

• The cut line and furrow slice shall be straight.

Cut & Uniformity (10 points)

- All sod/stubble shall be cut throughout the length and width of the furrow so that no uncut area remains when crown furrows are plowed;
- The furrow slice shall be neat in appearance, uniform in height, width, shape, size and appearance for the entire length of plot.

CROWN

The crown shall consist of 8 furrows. The complete crown is judged from twenty points in two categories:

Straightness (10 points)

• All furrow slices of the crown shall be straight.

Conformity & Uniformity (10 points)

- The first furrow slice shall be turned to the edge of the cut line of the opening furrow with no overlap;
- Each furrow slice shall be neat, uniform in height, width, shape, size and appearance for the entire length of plot;
- All furrow slices shall conform (match one another) as to height; width, shape, size and appearance across the complete crown;
- No tractor wheel marks.

GENERAL WORK

All furrow slices from neighbouring competitor to butts shall be judged as general work. The general work is judged from forty points in four categories:

Covering of Grass and Stubble (10 Points)

• All grass, stubble and surface trash shall be completely covered and not visible.

Closeness & Packing (10 Points)

- All furrow slices shall be tightly closed and packed with no openings (holes);
- No wheel marks.

GENERAL WORK (Continued)

Firmness (10 Points)

- Furrow slices shall be firm and not collapse when stepped on;
- Structure and placement of furrow slice, not type of soil dictates firmness.

Soil Availability (10 Points)

- Shall be enough soil to produce a proper seed bed with minimal secondary tillage;
- Stipulated minimal plowing depth shall be maintained;
- Soil availability will be affected by shallow furrows, open furrow slices, lack of conformity and/or uniformity, and uncovered grass or stubble.

BUTTS AND CONNECTING FURROW

The completion of the butts and their integration into the completed plot through the connecting furrow slice is a key feature of reversible plowing. The butts and connecting furrow slice is judged from twenty points in two categories:

Butts (10 Points)

- All butts shall be completely cut, and turned;
- Shall conforming to the rest of the plowing with no dips or mounds;
- No wheel marks.

Connecting Furrow (10 Points)

- The furrow slice shall be neat, uniform in height, width, shape, size and appearance for the entire length of plot;
- The furrow slice shall conform as to height, width, shape, size and appearance with neighbouring furrows;
- The furrow slice shall connect to butt furrows with no gaps or replowed soil;
- No wheel marks.

FINISH

The finish shall consist of all furrows (19 or 20) from the butts to the final furrow. The finish is judged from forty points in four categories:

Straightness (10 Points)

- All furrow slices of the finish shall be straight;
- The last two furrows shall be parallel to first crown furrow.

Grass & Neatness (10 Points)

- All grass, stubble and surface trash shall be completely covered;
- Neat in appearance and with no loose soil and/or trash in bottom of last furrow;
- Only one tire mark shall be allowed with plow wheel mark within tractor wheel mark.

FINISH (Continued)

Conformity & Uniformity (10 Points)

- All furrow slices shall conform (match one another) as to height, width, shape, size and appearance across the complete finish;
- Each furrow slice shall be neat, uniform in height, width, shape, size and appearance for the entire length of plot;
- The last two furrow slices shall be the same height as the crown.

Unplowed or Replowed Soil (10 Points)

• The last furrow cut line shall track opening furrow cut line with no unplowed or replowed soil.

GENERAL APPEARANCE

After the judging of each of the areas indicated above is completed, the complete land is judged as to General Appearance. General appearance is judged from sixty points in six categories:

Straightness (10 Points)

• All furrow slices shall be straight.

Conformity (10 Points)

- All furrow slices shall conform (match one another) as to height, width, shape, size and appearance, from scratch to scratch, across the complete land;
- No pairing.

Distinctness of Furrow (10 Points)

• Each furrow slice shall be clearly defined.

Uniformity and Shape of Furrow (10 Points)

- Each furrow slice shall be neat, uniform in height, width, shape, size and appearance for the entire length of plot;
- Furrows shall start and end at scratch;
- Furrow slices in stubble shall be well turned over with rounded top to provide sufficient soil availability;
- Furrow slices in sod shall be turned through 135°. In this position both the side and bottom of the furrow slice will lay 45° to vertical.

Shape of Land (10 Points)

- Complete land shall have a clean, sharp, pleasing appearance;
- Complete land shall show proper relationship of crown, to body of land, to finish.

Ins and Outs (10 Points)

- All soil inside of scratch furrows shall be turned with a minimum amount of head land being disturbed;
- No furrow slice shall be turned outside the scratch;
- Ins and outs shall be neat and clean;
- No tire marks inside scratch.