

EXPLANATORY NOTES ON THE RULES OF THE SMALL PLOW CLASS

The Crown must be made with a double split.

1. The Split
The depth of the opening furrows should be such that the furrow slice is cut completely free from the under soil surface throughout the whole length of the crown. The furrows must be straight. Curves or large bends are judged rather severely.
2. The Crown
After the crown has been set up, the furrows should lie close against each other. Gaps or openings must not exist. The crown should be uniform with the rest of the plowing.
3. Weed Control
 - (a) All stubble and grass must be completely buried beneath the sod.
 - (b) The plowing should be done in such a way that all roots are cut or torn off, if this is not done, points will be deducted, even if the plowing should look more attractive or more even because it has not been done.
4. Requirements for a Good Seed Bed
Each furrow should fall loose to the previous furrow. This will be prevented if, for example, the skim coulter works too deep, so preventing the sliced –off edge falling underneath the furrow slice.
The furrows must not stand on edge but be properly turned so that the following cultivation easily gives a good seed bed without pulling pieces of green sod or stubble to the surface. The furrow must not break up into large blocks or clods, between which loose seed will fall but must present enough soil for the harrows to make a good seed bed (tilth).
All plow bodies must produce equally deep and wide furrows. After the first two rounds the stipulated depth of plowing should be constant throughout the length of each furrow.
5. The Finish
 - (a) The finish must be straight and parallel to the crown. For full points only one tractor wheel-mark should be visible. The last furrow (earth furrow) should be plowed in such a way that no loose soil falls into the finish furrow (hollow), and this last furrow must be laid toward the competitors own crown.
 - (b) The finish (furrow bottom) should only lie slightly shallower than the rest of the plowing and should not be wider than the normal furrow which the plow leaves. The furrow must be clean and have not step. The finishing furrows should be in uniformity with the rest of the plowing.
6. Ins and Outs
The front plow body starts at the headland scratch and the rear body finishes there.
7. General Appearance and the Plowing Plot
 - (a) Straight and uniform furrows are an important requirement for an effective and an attractive plowing. Crooked furrows make uneven slices which

usually leave ugly gaps between the plowed furrows and often leave unturned portions of land.

- (b) Faulty plowing done by the neighboring competitor is corrected in the first furrow made with a left hand turn. The tractor must not be unnecessarily driven on the plowed land. Otherwise this may be regarded as an improper manipulation of the furrows. This rule is applicable during the whole of the plowing and not only for the crown and finish.

8. Time Allowed

The normal time allotted for plowing a plot is 120 minutes for small level land contest, plus 20 minutes for plowing the split.

9. Skimmers or Jointers and Moldboard Extension Plows should be fitted with Skimmers which should be used when plowing (except a opening and finish), coverboards, weed-rods, and wires may be used. No other attachments are allowed other than a coulter and a moldboard extension.

This ruling is made because any attachment other than a flat tailpiece to the mouldboard will be regarded as an additional tool applied to the plowing and therefore, a first stage of the after-plowing (or subsequent cultivation) and, for the purpose of the competition, would prevent the judges forming a true appreciation of the actual work of the plow alone as set and operated by the competitor.

10. Fallow Plowing

Can be described as an unbroken furrow produced by a “screw-shaped” mouldboard. The shape of the furrow slice, which may be either rounded or edged, must be recognisable throughout the whole length of the plot and the slice turned through an angle of 135 to 140 degrees.

11. Seedbed Plowing

Can be described as a crumbled furrow produced by a concave or “cylindrically” shaped mouldboard. The furrow slice if turned and broken with the aid of the flat tailpiece. The furrow slice must be rounded in shape and clearly discernable from headland to headland.

12. Briefing of Competitors

A special meeting will be held at which competitors will be given further explanations of the rules and procedures for the conduct of the contest and at which competitor’s questions will be answered. (The date and time of this meeting is stated in the contest agenda as well as the date and time for the drawing for plot numbers.)

LARGE PLOW LEVEL LAND, ANTIQUE AND OPEN CLASS PLOWING CONTEST SCORING POINTS AND JUDGING GUIDE

1. Opening Furrow-30 points

A. The opening furrow shall be straight, not unduly rigid, uniform from end to end and closed so that there is a slight depression between the two opening furrow slices to produce conformation. No trash should show between furrow slices.

B. The opening furrows should be placed so the Numbered stake is centered on the crown.

2. Furrow Straightness-40 points

A. Each furrow shall be straight from end to end of the Lands.

3. Furrow Conformation and Uniformity-40 points

A. The width of the furrow shall be uniform Throughout land, except in finishing closing furrow, If necessary.

B. The depth of plowing shall be practically uniform Across the land , except that the last round may be Shallower in closing out the land. Plowmen must hold depth of plowing between 6 to 8 inches, for antique and open class plowing and a minimum of 8 inches for the large plow level land class.

C. Furrows shall be uniform between rounds of multi-Bottom plow. With a 2 or 4-furrow plow, for example It should not be possible to pick out each round Of furrows across the fields.

D. There shall be no crumbling of the furrow wall. The Furrow wall need not be straight vertically but Should show the shoulder developed by the coulter Cutting approximately 1/4 inch outside the plow Shin. There shall be no undercutting of the furrow Wall by the landside of the rear plow bottom.

4. Quality of Tilled Surface ----20points

A. The plowed area shall be uniform with prominent

Depressions between furrow slices to catch water
And snow.

B. Contestants shall neither manipulate nor deface
The plowed surface. Defacing includes turning
Sharply into the plowed land where wheel marks are
Made on the ends of furrow slices, turning in the
Middle of the land to complete the closing furrow,
And excessive wheel marks when making the closing
Furrow.

5. Trash Coverage-20 points

A. Trash shall be completely covered.

6. Land Ends ---20 points

A. The ends shall be in a straight line with the end
Stakes. The furrow depth shall be uniform at both
Ends and maintained close to the ends. The front
Plow-bottom starts at the headland scratch and the
Rear bottom finishes there.

7. Closing Furrow (dead furrow) -30points

A. The closing furrow shall be straight and parallel to
The opening furrow.

B. The closing furrow shall have a smooth bottom and
Be very little, if any, deeper than the regular furrows.
(Do not close in dead furrow.)

C. The closing furrow shall be uniform throughout it's
Length, and clean.

D. The contestant will be allowed one wheel track the
Full length of the land in making the closing furrow.

E. The final passage of the plow must turn the slices

Toward the contestants own crown.. Failure to do so
Will result in 10 points deducted from closing furrow.

SUMMARY OF SCORING POINTS

Opening Furrow -----	30
Furrow Straightness -----	40
Furrow Conformation and Uniformity -----	40
Quality of Tillage Surface-----	20
Trash Coverage-----	20
Land Ends-----	20
Closing Furrow-----	30
Total	_____