

Hog Days Carcass Show 2019 Judging Criteria

1. Hot Carcass Weight (Maximum of 10 points)

- The grading grid used for this show will be the Maple Leaf Manitoba Sig 5 Magnum 101 kg Grid
- Points will be awarded as follows:

| Weight Range | Points |
|------------------------|--------|
| Less than 88.50 kg | 0 |
| 88.50 to 93.49 kg | 3 |
| 93.50 to 108.49 kg | 10 |
| 108.50 to 113.49 kg | 7 |
| 113.50 to 118.49 kg | 3 |
| Greater than 118.49 kg | 0 |

2. Carcass Index (Maximum of 13 points)

- Lean Yield will be based on ruler measurements of the fat and loin depths taken between the 3rd and 4th last ribs and these measures will be entered into the Destron Grading Equation
- $\text{Lean Yield} = 68.1863 - 0.7833\text{BF} + 0.0689\text{LD} + 0.0080\text{BF}^2 - 0.0002\text{LD}^2 + 0.0006(\text{FD} \times \text{LD})$
- Points will be allocated as follows:

| Index | Points |
|---------------|--------|
| 113 | 13 |
| 110 | 10 |
| 108 | 8 |
| 106 | 6 |
| 105 | 5 |
| 104 | 4 |
| 102 | 2 |
| 100 | 1 |
| Less than 100 | 0 |

- Judging Grid

| Maple Leaf Manitoba Sig 5 Magnum 101 kg Grid | | | | | | | | | | | | |
|---|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Weight (kg) | 0.00 | 69.00 | 79.00 | 88.50 | 93.50 | 98.50 | 103.50 | 108.50 | 113.50 | 118.50 | 123.50 | 128.50 |
| Yield Class | 68.99 | 78.99 | 88.49 | 93.49 | 98.49 | 103.49 | 108.49 | 113.49 | 118.49 | 123.49 | 128.49 | 999.99 |
| 1. 64.3 - 99.9 | 50 | 80 | 102 | 106 | 108 | 108 | 108 | 108 | 105 | 95 | 80 | 50 |
| 2. 61.8 - 64.2 | 50 | 80 | 104 | 108 | 113 | 113 | 113 | 110 | 106 | 100 | 80 | 50 |
| 3. 59.6 - 61.7 | 50 | 80 | 102 | 106 | 110 | 110 | 110 | 108 | 105 | 100 | 80 | 50 |
| 4. 57.7 - 59.5 | 50 | 80 | 98 | 100 | 108 | 110 | 108 | 106 | 100 | 95 | 80 | 50 |
| 5. 56.1 - 57.6 | 50 | 80 | 92 | 95 | 104 | 105 | 104 | 100 | 98 | 90 | 80 | 50 |
| 6. 54.7 - 56.0 | 50 | 80 | 90 | 94 | 95 | 95 | 95 | 94 | 94 | 85 | 70 | 50 |
| 7. 0 - 54.6 | 50 | 80 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 50 |

Loin Premium

| Loin (mm) | 0.00 | 35.00 | 40.00 | 45.00 | 50.00 | 55.00 | 60.00 | 65.00 | 70.00 | 75.01 |
|------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | 34.99 | 39.99 | 44.99 | 49.99 | 54.99 | 59.99 | 64.99 | 69.99 | 75.00 | + |
| Premium | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1.00 | \$1.75 | \$3.00 | \$3.50 | \$2.50 | \$0.75 |

3. Lean Yield (Maximum of 10 Points)

- Points will be awarded for the Yield Class that the carcass fall into as follows:

| Yield Class | Points |
|-----------------|--------|
| 1 (64.3 - 99.9) | 7 |
| 2 (61.8 - 64.2) | 10 |
| 3 (59.6 - 61.7) | 8 |
| 4 (57.7 - 59.5) | 5 |
| 5 (56.1 - 57.6) | 1 |
| 6 (54.7 - 56.0) | 0 |
| 7 (0 - 54.6) | 0 |

4. Loin Premium (Maximum of 10 Points)

- Points will be based on the Loin Premium for the Maple Leaf Manitoba Sig 5 Magnum 101 kg Grid and to qualify for the loin premium the carcass must have a minimum of 13 mm of backfat
- Points will be awarded as follows:

| Loin Range | Points |
|---|--------|
| 0.00 mm - 49.99 mm | 0 |
| 50.00 mm - 54.99 mm | 3 |
| 55.00 mm - 59.99 mm | 5 |
| 60.00 mm - 64.99 mm | 8 |
| 65.00 mm - 69.99 mm | 10 |
| 70.00 mm - 75.00 mm | 7 |
| 75.01 mm + | 2 |
| If Carcass Backfat is less than 13.0 mm | 0 |

5. Minolta Loin Colour Score (Maximum of 10 Points)

- Based on the average of two Minolta “L” measurements on each loin
- Points will be awarded as follows:

| Minolta Values | Points |
|-----------------------|---------------|
| less than 42.5 | 0 |
| 42.50 to 43.49 | 1 |
| 43.50 to 44.49 | 2 |
| 44.50 to 45.49 | 4 |
| 45.50 to 46.49 | 8 |
| 46.50 to 47.49 | 10 |
| 47.50 to 48.49 | 7 |
| 48.50 to 49.49 | 4 |
| 49.50 to 50.49 | 2 |
| 50.50 to 51.49 | 1 |
| greater than 51.49 | 0 |

6. Subjective Loin Texture Score (Maximum of 10 Points)

- Defined as a tactile rating that assesses the degree of firmness and exudation (weeping) of the loin eye (longissimus dorsi) muscle
- Points will be awarded as follows:

| Texture Score | Description | Points |
|----------------------|-------------------------------|---------------|
| 1 | Extremely Soft and Exudative | 0 |
| 2 | Moderately Soft and Exudative | 4 |
| 2.5 | Slightly Soft and Exudative | 8 |
| 3 | Normal | 10 |
| 3.5 | Slightly Firm and Dry | 8 |
| 4 | Moderately Firm and Dry | 4 |
| 5 | Extremely Firm and Dry | 0 |

7. Subjective Marbling Score (Maximum of 10 Points)

- based on the Canadian Pork Quality Standards for Marbling (developed by Canada Pork International, Canadian Centre for Swine Improvement, & Agriculture and Agri-Food Canada)
- Points will be awarded as follows:

| Marbling Score | Description | Points |
|-----------------------|--------------------|---------------|
| 0 | Devoid | 0 |
| 1 | Practically Devoid | 1 |
| 2 | Trace | 2 |
| 3 | Slight | 4 |
| 4 | Small | 6 |
| 5 | Moderate | 8 |
| 6 | Abundant | 10 |

8. Loin Eye Area (Maximum of 12 Points)

- measured by grid and points will be awarded as follows:

| Loin Eye Area | Points |
|--------------------------|---------------|
| Largest | 12 |
| 2 nd Largest | 10 |
| 3 rd Largest | 9 |
| 4 th Largest | 8 |
| 5 th Largest | 7 |
| 6 th Largest | 6 |
| 7 th Largest | 5 |
| 8 th Largest | 4 |
| 9 th Largest | 3 |
| 10 th Largest | 2 |
| 11 th Largest | 1 |
| Remaining loins | 0 |

9. Belly Assessment (Maximum of 15 Points)

- Points will be assessed based on three criteria (each worth 5 points each):
 - Lean to Fat Ratio
 - Distribution of Lean
 - Texture of Lean and Fat

Points for all nine (9) criteria totals 100.

Note:

1. If an entrant enters two hogs only one of those hogs can be eligible for the top three prizes.
2. In the event that a entrant with two hogs entered, has both finish in the top three the lowest ranking hog of the two will be relegated to fourth place and receive that prize though it will be fully acknowledged.