

Date: 08/08/2025

Process Loss Summary Report – Swine Feed Production

Company Name: M/S FARMISM FOODS LLP
Location: GUWAHATI, ASSAM
Reporting Period: 02/08/2025 to 07/08/2025
Prepared by: Sandeep Kapoor
Date of Report: 08/08/2025

1. On 02/08/2025

- Total Raw Material Used (MT) : 5 T
- Total feed Produced (MT) : 4.984 T
- Total Process Loss (MT) : 0.016 T
- Process Loss (%) : 0.32 %

Other Mechanical Data

A)

- Pellet Feeder RPM : 692
- Hygenizer RPM : 785
- Pellet Mill (Amp.) : 158 A
- Temperature at Conditioner 1 : 76° C
- Temperature at Conditioner 2 : 71° C

B)

- Pellet Feeder RPM : 1156
- Hygenizer RPM : 1018
- Pellet Mill (Amp.) : 168 A
- Temperature at Conditioner 1 : 87° C
- Temperature at Conditioner 2 : 81° C

Moisture Report of Raw material

1. Maize : 12.8 %
2. Rice : 12.0 %
3. Wheat : 11.0 %
4. Soya : 11.2 %

2. On 04/08/2025

- Total Raw Material Used (MT) : 5 T
- Total feed Produced (MT) : 4.877 T
- Total Process Loss (MT) : 0.123 T
- Process Loss (%) : 2.46 %

Parameters

A)

- At Boiler : 5 – 6 Bar
- Water Level : 65 – 70 %
- Before PRV : 4.5 – 5 Bar

- After PRV : 2.9 – 3 Bar

B)

- Pellet Feeder RPM : 1111
- Hygenizer RPM : 1013
- Pellet Mill (Amp.) : 190 - 200 A
- Temperature at Conditioner 1 : 83° C
- Temperature at Conditioner 2 : 82° C

Second Lot of Batch Processed

- Total Raw Material Used (MT) : 10 T
- Total feed Produced (MT) : 9.728 T
- Total Process Loss (MT) : 0.272 T
- Process Loss (%) : 2.72 %

Moisture Report

1. After Mixing : 11.38 %
2. After Conditioning : 12.27 %
3. After Bagging : 10.52 %

Parameters

A)

- At Boiler : 6 – 7 Bar
- Water Level : 60 – 65 %
- Before PRV : 5 – 6 Bar
- After PRV : 3 Bar

B)

- Pellet Feeder RPM : 1106
- Hygenizer RPM : 1076
- Pellet Mill (Amp.) : 210 - 215 A
- Temperature at Conditioner 1 : 89° C
- Temperature at Conditioner 2 : 86° C

Third Lot Of batch Processed

- Total Raw Material Used (MT) : 1 T
- Total feed Produced (MT) : 0.823 T
- Total Process Loss (MT) : 0.177 T
- Process Loss (%) : 17.7 %

Moisture Report

1. After Conditioning : 13.55 %
2. After Pelleting : 11.55
3. After Bagging : 11.63 %

Parameters

1. Pellet Feeder RPM : 860
2. Hygenizer RPM : 700 - 750
3. Pellet Mill (Amp.) : 190 - 200
4. Temperature at Conditioner 1 : 88° C
5. Temperature at Conditioner 2 : 84° C

Fourth Lot Of batch Processed

- Total Raw Material Used (MT) : 5 T
- Total feed Produced (MT) :
- Total Process Loss (MT) :
- Process Loss (%) :

Moisture Report

1. After Grinding : 11.27 %
2. After Conditioning : 12.38 %
3. After Pelleting : 11.75 %
4. After Bagging : 10.52 %

Parameters

A)

- At Boiler : 6 – 7 Bar
- Water Level : 60 – 70 %

B)

1. Pellet Feeder RPM : 1154
2. Hygenizer RPM : 1010
3. Pellet Mill (Amp.) : 195 – 210 A
4. Temperature at Conditioner 1 : 78° C
5. Temperature at Conditioner 2 : 77° C

3. On 05/08/2025

- Total Raw Material Used (MT) : 5 T
- Total feed Produced (MT) : 4.831 T
- Total Process Loss (MT) : 0.169 T
- Process Loss (%) : 3.38 %

Parameters

A)

- At Boiler : 6 – 6.5 Bar
- Water Level : 60 – 65 %
- Before PRV : 4 – 5 Bar
- After PRV : 1.91 – 2 Bar

Moisture Report

1. After Conditioning : 12.95 %

B)

- At Boiler : 6 – 6.5 Bar
- Water Level : 60 – 65 %
- Before PRV : 5 – 6 Bar
- After PRV : 1.91 – 2.1 Bar

Moisture Report

1. After Conditioning : 12.71 %

C)

- Pellet Feeder RPM : 1040
- Hygenizer RPM : 1000
- Pellet Mill (Amp.) : 200 - 205 A
- Temperature at Conditioner 1 : 81° C
- Temperature at Conditioner 2 : 77° C

Second Lot Of Batch Processed

- Total Raw Material Used (MT) : 4 T
- Total feed Produced (MT) : 3.863 T
- Total Process Loss (MT) : 0.137 T
- Process Loss (%) : 3.42 %

Parameters

A)

- Pellet Feeder RPM : 1100
- Hygenizer RPM : 1100
- Pellet Mill (Amp.) : 184 - 195 A
- Temperature at Conditioner 1 : 72° C
- Temperature at Conditioner 2 : 74° C

Moisture Report

1. After Conditioning : 12.99 %

B)

- Pellet Feeder RPM : 900
- Hygenizer RPM : 800
- Pellet Mill (Amp.) : 190 - 204 A
- Temperature at Conditioner 1 : 72° C
- Temperature at Conditioner 2 : 76° C

Moisture Report

1. After Conditioning : 12.58 %

C)

- Pellet Feeder RPM : 860
- Hygenizer RPM : 800
- Pellet Mill (Amp.) : 195 - 215 A
- Temperature at Conditioner 1 : 68° C
- Temperature at Conditioner 2 : 72° C

Moisture Report

1. After Conditioning : 12.58 %

4. On 06/08/2025

- Total Raw Material Used (MT) : 10 T
- Total feed Produced (MT) : 9.84647 T
- Total Process Loss (MT) : 0.153 T
- Process Loss (%) : 1.54 %

Parameters

A)

- At Boiler : 7 Bar
- Water Level : 55 – 60 %
- Before PRV : 5.5 – 6 Bar
- After PRV : 1.8 – 2 Bar

Moisture Report

1. After Mixing : 10.84 %
2. After Pelleting : 12.73 %
3. After Cooling : 10.19 %

B)

- Pellet Feeder RPM : 1080
- Hygenizer RPM : 1000
- Pellet Mill (Amp.) : 195 - 205 A
- Temperature at Conditioner 1 : 77° C
- Temperature at Conditioner 2 : 75° C

Moisture Report

1. After Mixing : 10.86 %
2. After Pelleting : 12.22 %

Second Lot Of Batch Processed

- Total Raw Material Used (MT) : 5 T
- Total feed Produced (MT) : 4.962 T
- Total Process Loss (MT) : 0.38 T
- Process Loss (%) : 0.76 %

Moisture Report of Raw material

1. Maize : 14.3 %
2. Wheat : 11.8 %
3. B. Rice : 14.5 – 15.9 % / 9.91 – 10.23 %

Parameters

A)

- At Boiler : 6 – 6.5 Bar
- Water Level : 60 %
- Before PRV : 5 – 5.5 Bar
- After PRV : 2 – 2.2 Bar
- Pellet Feeder RPM : 1054
- Hygenizer RPM : 800
- Pellet Mill (Amp.) : 172 - 186 A
- Temperature at Conditioner 1 : 84° C
- Temperature at Conditioner 2 : 79° C

Third Lot of Batch Processed

- Total Raw Material Used (MT) : 10 T
- Total feed Produced (MT) : 9.696 T
- Total Process Loss (MT) : 0.303 T
- Process Loss (%) : 3.03 %

Moisture Report

1. After Conditioning : 12.31 %
2. After Cooling : 10.56 %

Parameters

A)

- At Boiler : 6 – 6.5 Bar
- Water Level : 60 – 65 %
- Before PRV : 5 Bar
- After PRV : 1.8 Bar
- Pellet Feeder RPM : 1152
- Hygenizer RPM : 1017
- Pellet Mill (Amp.) : 189 - 205 A
- Temperature at Conditioner 1 : 86° C
- Temperature at Conditioner 2 : 81° C