

**Hindustan Feeds Mfg.Co. Satara**  
**Specification of Raw Material**

Specification → Commodity ↓	Apperance	Smell	Role of material	Moisture % (Max)	Sand/silica % (Max)	Foreign Material %	Colour	Calcium (%)	Protein %(Min)	Oil % (Min)	Fiber% (Max.)
<b>A) Extraction</b>											
D.O.R.B.(MP)	Powder with fibre and broken Rice	Sweet smell of Rice	Protein + Phosphorus	11	5		White / Bownish		15	Less than 1	16
D.O.R.B.(UP)	Powder with fibre and broken Rice	Sweet smell of Rice	Protein + Phosphorus	11	3		Brownish / White		16	Less than 1	14
C.S. Ext.	Particles with lint fibre	Amboos	Protein + Digestible Fibre	10	5		Greenish /Yellowish		37	Less than 1	
Rapseed	Particles	Amboos	Protein	10	1		Brown / Greenish		37	0.5	10
Karadi Ext	Flakes	Turat	Protein	10	5		Pale Yellow		18	0.5	
Shea DOC	Powder	Amboos	Protein	10	5		Faint pink/ maroon/Blakish		15	3	
Kokam DOC		Amboos	Protein + Oil	10	5		Radish Brown		15		
Palm DOC	Powder	Burned smell of palm	Protein + Oil	10	5	12 (Shell	Blackish / Pale brown		18	1	
S.F.DOC		Sweet	Protein + Oil	10	5		Black		28	1	
Soya DOC	Granular	Sweet like soya	Digestible Protein	11	2		Faint Yellow		49		7
Mango DOC	Powder with falkes of seed	Turat Amboos	Protein used as filler	10	5	1	White / Cream		10	0.5	
<b>B) Oil Source Material</b>											
C.S.Cake	Cakes with lint and seed kernel	Amboos (Sour)	Protein + Oil with digestible fibre	10	5	3	Green / Grey		22	8	
Coconut Cake	Cakes with shells	Sweet	Protein + Oil	10	5		Cream		22	7-9%	
Channa Chunni/ k cake		Smell of Kardi oil	Protein + Oil	10	5		Greenish Yellow		18	10 to 12	
Maize Oil	Semi solid/Semi liquid	Telkat Amboos	Oil	2	5		Gelly / Redish / Yellow / Brownish		12-13%	45-50%	
Palm Oil Cake	cake with shells	Burned smell of Palm	Protein + Oil	10	5	7 (Shell %	Black		16	9-10%	

Seesame Chunni	Seeds with plant particles	Smell of Til	Protein + Oil	10	5	3	White / Dark Chocolaty	25	16-32%	
Shea Cake	cake	Amboos (Sour)	Protein + Oil	10	5		Faint pink/ maroon	15	25	
Kokam Cake	cake	Amboos (Sour)	Protein + Oil	10	5		Maroon	22	8-10%	
C.T.Powder	Powder with shell	Kadwat	Protein + Oil	10	5		Yellow /Black	22 - 25	9	
Chugav	Seed shell		Protein + Oil	10	5		White / Black	15	15	
<b>C) Filler</b>										
Mug Chunni	Shells with broken seed and its powder	Smell of Mug	Protein	10	5		Greenish White	13		
Udid Chunni	Shells with broken seed and its powder	Smell of Udid	Protein	10	5		Blackish White	16		
Tur Chunni	Shells with broken seed and its powder	Smell of Tur	Protein	10	5		Reddish White	13		
Sawa Husk	Shells of seed	Sweet smell of wari	Filler	10	5	Bicchi 5	Red / Brown / Yellow / Green	5	6	
D.O.R.B.II	Fibre material		Filler	10	5		Brownish	10	0.5	
Rice Konda	Fibre material		Filler	10	5		Brown	5	4	
Sal DOC	Powder with shells	Kadwat	Filler	10	5	2.5	Yellow / Brown		0.5	
<b>D) Grains</b>										
Bajari	Grains and broken grains		Carbohydrate	12		2	Green / Yellow	10-12%	to be checked	
Broken Rice	Grains and broken grains		Carbohydrate	10		2	White / Brown	10	5	3
Jawar	Grains and broken grains		Carbohydrate	12		1	Pale Yellow	7	5	
Maize	Grains and broken grains		Carbohydrate	12		1	Red / Orange	10	4-5%	
Sawa Broken	Grains and broken grains		Carbohydrate	10		2	Yellowish / White	10	5	
<b>E) Polish</b>										
Rice kani	Fine particles with low fibre and broken rice	Sweet smell of rice	Oil	10	5	1	White / Cream	12	16	

Sawa Kani	Fine particles with low fibre and broken rice	Sweet smell of wari	Oil	10	5	2	Pale brown / cream	10	13
<b>F) Molasses</b>									
Molasses	Semi liquid	Sweet	Sweetner+Preservative+Binder	25			Brown		
<b>G) Others</b>									
Calcite	Powder		Calcium		5		Gray	35	
Calcite II	Powder		Calcium		5		Off White	38	
Maize D.D.G.S	Particles	Amboos	Digestible Protein	10	5	5	Yellow	32	5
Jawar D.D.G.S	Particles	Amboos	Digestible Protein	10	5	5	Red / Brown	32	5
Gaur Kurma	Gaur seed	Kadwat	Digestible Protein + Oil	10	5	2	Yellow / Pale	45	5
Souff Powder				10	10	5	Green	10	3
Matre	Big granules		Non protein Nitrogen	5-7%	5		White	286	
Matre II	Crystal		Non protein Nitrogen		5			143	
Poha Bhusi				10	5	2.5	Brown / white	8	4
Poha Tukadi	Broken poha with fibre		Carbohydrate	10	5	2	White	12	2
Sago Thippi	Lumps	Offensive	Filler	10	5		White / Cream	6	
Wheat Bran	Flakes	Smell like Wheat	Digestible Protein	13	5			16	4
Tamarind Seed					5				
Karadi HP	Flakes	Turat	Protein	10	5	1	Powder / Green	28	0.5
Maize Gluten	Powder	Amboos	Digestible Protein	10	5		Yellow	55	5
Guar Churi	Fine powder with broken seed	Kadwat	Digestible Protein	10	1.50%		White Fine Powder	36	6
Salt				6	Water insoluble matter - 1				

LIST OF STANDARD PACKING MATERIAL WITH SPECIFICATIONS					
DISCRIPTION	BAGGING CAPACITY	UNIT	UNLAMINATION / LAMINATION	SIZE (INCHES)	WEIGHT (GRAMS)
PP Bag	59	KG	Unlmination	26"x 43"	145 ± 5
PP Bag	50	KG	Unlmination	24"x 43"	125 ± 5
PP Bag	50	KG	Lamination	24"x 43"	130 ± 5
PP Bag	40	KG	Lamination	24"x 43"	130 ± 5
PP Bag	25	KG	Lamination	22 "x 33 "	98 ± 4
PP Bag with handle	10	KG	Lamination	17 " x 21 "	55 ± 4
Pouches	1	KG	Size : 19cm Width X 26cm Height X 92mic 3 layer printed laminated pouch,6 Colour & as per sample		
Pouches	250	GRAM	Supply of Printed Laminated Pouch for Mineral Mixture Animal Feed Supplement (250 gram) Material Form-polyethylene polyester Size: Height 180 MM X Width 130 MM, (Open Width 130 mm) 3 side sealed, Design – four colour, with electronic cylinder		
New Gunny bag	59	KG	B Twill Bag	42 "x 26.5 "	974+
Saftey Stitching, S-4 Loom, Made India & Bangladesh					