

## **1. Ammonium Sulphate**

i) Ammoniacal nitrogen, percent by weight, minimum	21.1
ii) Sulphur (as SO <sub>4</sub> -S), percent by weight, minimum	23.5
iii) Moisture, percent by weight, maximum	1.0
iv) Free acidity (H <sub>2</sub> SO <sub>4</sub> ), percent by weight, maximum (0.04% for materials obtained from by-product ammonia and by-product gypsum)	0.025
v) Arsenic (as AS <sub>2</sub> O <sub>2</sub> ), percent by weight, maximum	0.01

## **2. Urea (free flowing)**

i) Total nitrogen, percent by weight (on dry basis), minimum	46.0
ii) Biuret, percent by weight, maximum	1.5
iii) Moisture, percent by weight, maximum	1.0
iv) Particle size - 90 percent of the material shall pass through 2.8 mm sieve and not less than 80% by weight, shall be retained on minimum 1mm IS sieve except NGFF granules which shall be retained on minimum 0.5 mm IS sieve.	

## **3. Urea (coated granular)**

i) Total nitrogen, percent by weight, content with coating, minimum	46.0
ii) Biuret, percent by weight, maximum	1.5
iii) Moisture, percent by weight, maximum	0.5
iv) Particle size - Minimum 90 percent of the material shall pass through 4mm IS sieve and shall be retained on 2mm IS sieve.	

## **4. Single Super Phosphate**

i) Water soluble phosphates (as P <sub>2</sub> O <sub>5</sub> ), percent by weight, minimum	16.0
ii) Total sulphur, percent by weight, minimum	10.0
iii) Total calcium, percent by weight minimum	18.0
iv) Free phosphoric acid (as P <sub>2</sub> O <sub>5</sub> ), percent by weight, maximum	3.0
v) Moisture percent by weight, maximum ( <b>Powder</b> )	8.0

## **5. Triple Super Phosphate**

i) Total Phosphates (as P <sub>2</sub> O <sub>5</sub> ), percent by weight, minimum	46.0
ii) Water soluble phosphates (as P <sub>2</sub> O <sub>5</sub> ), percent by weight, minimum	40.0
iii) Free phosphoric acid (as P <sub>2</sub> O <sub>5</sub> ), percent by weight, maximum	3.0
iv) Moisture, percent by weight, maximum	5.0

## **6. Rock Phosphate**

i) Total phosphates (as P <sub>2</sub> O <sub>5</sub> ), percent by weight, minimum	28.00
ii) Particle size - Minimum 90 percent of the materials shall pass through 0.15mm IS sieve and the balance 10 percent of materials shall pass through 0.25mm IS sieve.	

## 7. Potassium Chloride (Muriate of Potash)

i) Total potash content (as $K_2O$ ), percent by weight, minimum	60.0
ii) Sodium as NaCl percent by weight (on dry basis), maximum	3.5
iii) Moisture, percent by weight, maximum	0.5
iv) Particle size - 95 percent of the material shall pass through 1.7mm IS sieve and be retained on 0.25mm IS sieve.	

## 8. Potassium Sulphate

i) Total potash content (as $K_2O$ ), percent by weight, minimum	50.0
ii) Sulphur (as $SO_4-S$ ), percent by weight, minimum	17.0
iii) Total Chlorides (as Cl), percent by weight, (on dry basis) maximum	2.5
iv) Sodium as NaCl, percent by weight, (on dry basis), maximum	2.0
v) Moisture, percent by weight, maximum	1.5

## 9. Gypsum/Phosphogypsum

i) Total sulphur, percent by weight, minimum	16.0
ii) Total calcium, percent by weight, minimum	20.0
iii) Moisture, percent by weight, maximum	13.0
iv) Solubility	Springly soluble

## 10. Diammonium Phosphate (18-46-0)

i) Total nitrogen all in ammoniacal form, percent by weight, minimum	18.0
ii) Total phosphates (as $P_2O_5$ ), percent by weight, minimum	46.0
iii) Water soluble phosphates (as $P_2O_5$ ), percent by weight, minimum	41.0
iv) Moisture, percent by weight, maximum	1.0
v) The material shall be in the form of free-flowing granules	
vi) Particle size- Minimum 90 percent of the material shall pass through 4mm BDS sieve and be retained on 1mm BDS sieve. Not more than 5 percent should be below 1mm sieve.	

## 11. Zinc Sulphate (monohydrate, granular grade)

i) Total Zinc content, percent by weight, minimum	36.0
ii) Water soluble zinc as percent of total zinc, minimum	95.0
iii) Sulphur (as $SO_4-S$ ) content, percent by weight, minimum	17.5
iv) Moisture content (free water), percent by weight, maximum	2.0
v) Particle size -90 percent of the material shall pass through 4-2mm IS sieve	
vi) Physical condition	Granular, free flowing

## 12. Zinc Sulphate (Heptahydrate)

i) Total Zinc content, percent by weight, minimum	21.0
ii) Water Soluble zinc as percentage of total zinc, minimum	95.0
iii) Sulphur (as SO <sub>4</sub> -S) percent by weight, minimum	10.5
iv) Magnesium (Mg), percent by weight, maximum.	1.0
v) Copper (Cu), percent by weight, maximum	0.1
vi) pH	not less than 4
vii) Matter insoluble in water, percent by weight, maximum	1.0
viii) Moisture content (free water), percent by weight, maximum:	
(a) Crystalline	3.0
(b) granular	5.0
ix) Particle size (in case of granular product)- 90 percent of the material shall pass through 3-1mm BDS sieve.	
x) Physical condition	Granular, free flowing/Crystalline

## 13. Chelated Zinc

i) Total Zinc content, percent by weight, minimum	10.0
ii) Moisture, percent by weight, maximum	7.0
iii) Physical condition	Pale yellow amorphous powder/crystalline
iv) pH	not less than 5.0

*Note: For each type of fertilizer the manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

## 14. Magnesium Sulphate

i) Total magnesium, percent by weight, minimum	3.0
ii) Sulphur (as SO <sub>4</sub> -S), percent by weight, minimum	12.5
iii) Physical Condition:	White crystalline powder

## 15. Solubor (Boron)

i) Total boron content, percent by weight, minimum	20.0
ii) Lead, percent by weight, maximum	0.0005
iii) Arsenic percent by weight, maximum	0.0004
iv) Physical condition	White amorphous powder

## 16) Boric Acid

i) Total boron content, percent by weight, minimum	17.00
ii) Lead, percent by weight, maximum	0.0015
iii) Arsenic, percent by weight, maximum	0.0008
iv) Solubility in grams per 100ml of hot water	39.1
v) Sparingly soluble in cold water	
vi) Physical condition	White crystalline powder
vii) pH	minimum 3.4

## 17. Sodium Molybdate

- |   |                          |
|---|--------------------------|
| i) Total molybdenum content, percent by weight, minimum | 39.0                     |
| ii) Physical condition                                  | White crystalline powder |
| iii) pH :   | minimum 8.7              |

*Note: For each type of fertilizer the manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

## 18. TYGER-90 Sulphur Bentonite Pastil Fertilizer

- |                         |                 |
|-------------------------|-----------------|
| i) Sulphur (Minimum)    | 90%             |
| ii) Bentonite (Maximum) | 10%             |
| iii) Cadmium (Maximum)  | 0.02 mg/kg      |
| iv) Lead (Maximum)      | 1.3 mg/kg       |
| v) Arsenic (Maximum)    | 0.005 mg/kg     |
| vi) Other properties    | Not combustible |

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

## 19. সারের নাম : WOKOZIM CROP +

- |                    |       |    |       |
|--------------------|-------|----|-------|
| i) Colour          | DARK  | to | BROWN |
| ii) pH :           | 3.5   | to | 7.0   |
| iii) Sp Gravity    | 1.02  | to | 1.3   |
| iv) Total Nitrogen | 5.2%  | to | 6.2%  |
| v) Iron            | 0.05% | to | 0.15% |
| vi) Copper         | 0.03% | to | 0.09% |
| vii) Zinc          | 0.05% | to | 0.15% |
| viii) Manganese    | 0.05% | to | 0.15% |

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

## 20. NPKS(8-20-14-5) for HYV Rice

- |  |                                    |
|--|------------------------------------|
| i) Total Nitrogen (preferably ammonium form) percent by weight, minimum  | 8.0                                |
| ii) Neutral ammonium citrate soluble phosphates(as P <sub>2</sub> O <sub>5</sub> ), percent by weight, minimum                             | 20.0                               |
| iii) Water soluble potash (as K <sub>2</sub> O), percent by weight, minimum  | 14.0                               |
| iv) Total sulphur percent by weight, minimum   | 5.0                                |
| v) Water soluble sulphate (as SO <sub>4</sub> -S), percent by weight, minimum  | 4.0                                |
| vi) Moisture, percent by weight, maximum   | (a) Powder 3.0<br>(b) Granular 2.0 |
| vii) Particle size: 90 percent of the material shall pass through 4mm IS sieve and not more than 5 percent shall pass through 1mm IS sieve |                                    |
| viii) Physical condition   | Granular/Powder                    |

## 21. NPKS (10-15-10-4) For Sugarcane

i) Total nitrogen, percent by weight, minimum	10.0
ii) Neutral ammonium citrate soluble phosphates(as $P_2O_5$ ), percent by weight, minimum	15.0
iii) Water soluble potash (as $K_2O$ ), percent by weight, minimum	10.0
iv) Total sulphur, percent by weight, minimum	4.0
v) Water soluble sulphate (as $SO_4-S$ ), percent by weight, minimum	3.5
vi) Moisture, percent by weight, maximum	(a) Powder 3.0 (b) Granular 2.0
vii) Particle size- 90 percent of the material shall pass through 4mm IS sieve and not more than 5 percent shall pass through 1mm IS sieve	
viii) Physical condition	Granular/Powder

## 22. NPKS(10-24-17-6.0) HYV Rice

i) Total Nitrogen (preferably ammonium form), percent by weight, minimum	10.0
ii) Neutral ammonium citrate soluble phosphates (as $P_2O_5$ ), percent by weight, minimum	24.0
iii) Water soluble potash (as $K_2O$ ), percent by weight, minimum	17.0
iv) Total sulphur, percent by weight, minimum	6.0
v) Water soluble sulphate (as $SO_4-S$ ), percent by weight, minimum	5.0
vi) Moisture, percent by weight, maximum	(a) Powder 3.0 (b) Granular 2.0
vii) Particle size- 90 percent of the material shall pass through 4mm IS sieve and not more than 5 percent shall pass through 1mm IS sieve	
viii) Physical condition	Granular/Powder

## 23. NPKS (12-16-22-6.5) For Wheat & other Rabi crops

i) Total Nitrogen, percent by weight, minimum	12.0
ii) Neutral ammonium citrate soluble phosphates(as $P_2O_5$ ), percent by weight, minimum	16.0
iii) Water soluble potash (as $K_2O$ ), percent by weight, minimum	22.0
iv) Total sulphur, percent by weight, minimum	6.5
v) Water soluble sulphate (as $SO_4-S$ ), percent by weight, minimum	5.5
vi) Moisture, percent by weight, maximum	(a) Powder 3.0 (b) Granular 2.0
vii) Particle size- 90 percent of the material shall pass through 1mm IS sieve and not more than 5 percent shall pass through 1mm IS sieve	
viii) Physical condition	Granular/Powder

## 24) NPKS (14-22-15-6) For Sugarcane

i) Total nitrogen, percent by weight, minimum	14.0
ii) Neutral ammonium citrate soluble phosphates (as $P_2O_5$ ), percent by weight, minimum	22.0
iii) Water soluble potash (as $K_2O$ ), percent by weight, minimum	15.0
iv) Total sulphur, percent by weight, minimum	6.0
v) Water soluble sulphate (as $SO_4-S$ ), percent by weight, minimum	5.0
vi) Moisture, percent by weight, maximum	(a) Powder 3.0 (b) Granular 2.0
vii) Particle size- 90 percent of the material shall pass through 1mm IS sieve and not more than 5 percent shall pass through 1mm IS sieve	
viii) Physical condition	Granular/Powder

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

## 25. Name of the Product: Wuxal Super (Supplementary Liquid foliar fertilizer)

i) Total Nitrogen (N), percent by weight, minimum	8.0
ii) Water soluble Phosphate ( $P_2O_5$ ), percent by weight, minimum	8.0
iii) Water soluble Potassium (as $K_2O$ ), percent by weight, minimum	6.0
iv) Water soluble Boron (B), percent by weight, minimum	0.01
v) Water soluble Copper (Cu), percent by weight, minimum*	0.007
vi) Water soluble Iron (Fe), percent by weight minimum	0.015
vii) Water soluble Manganese (Mn), percent by weight, minimum*	0.013
viii) Water soluble Molybdenum (Mo), percent by weight, minimum	0.001
ix) Water soluble Zinc (Zn), percent by weight, minimum	0.005
x) Colour	Green
xi) Density	1.24 (approx)
xii) pH	5.4 (approx)
xiii) Physical Condition	Liquid

\*as chelate of EDTA

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

## 26. Name of the Product: Zinc Sulphate (Chasi Brand)

i) Total Zinc (Zn), percent by weight, minimum	13.0
ii) Water soluble Zinc (Zn), content as percent of total Zinc, minimum	97.0
iii) Sulphur (S), percent by weight, minimum	6.50
iv) Magnesium (Mg), percent by weight, minimum	0.15
v) pH	4.00 (approx)
vi) Physical Condition	Liquid

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

**27. Name of the Product: Micro (Micronutrient fertilizer)**

i) Total Zinc (Zn), percent by weight, minimum	11.00
ii) Water soluble Calcium (Ca), percent by weight, minimum	15.00
iii) Water soluble Magnesium (Mg), percent by weight, minimum	2.80
iv) Water soluble Sulphur (S), percent by weight, minimum	7.50
v) Water soluble Copper (Cu), percent by weight, minimum	0.70
vi) Water soluble Iron (Fe), percent by weight, minimum	0.50
vii) Water soluble Boron (B), percent by weight, minimum	1.00
viii) Colour	Green
ix) Physical Condition	Powder

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

**28. Name of the Product: Eild(Plant growth regulator)**

i) Active ingredient: Triacntanol (water based)	@37.5 mg/1500 ml.
ii) Colour	Light green
iii) Physical Condition	Liquid

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

**29. Name of the Product: Bioferti (Plant growth regulator)**

i) Ingredients:	
a) Concentrated Liquid 15% Humus	97 percent
b) 48% Ammonium Laureth Sulfate	03 percent
ii) Colour:	Dark brown
iii) Physical Condition:	Liquid

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

**30. Name of the Product: Agnol (Plant growth regulator)**

i) Active ingredient: Triacntanol (Xylene based)	@37.5 mg/litre
ii) Colour	Colourless
iii) Physical Condition	Liquid

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

### 31. Name of the Product: Neugol (Natural organic plant nutrient)

i) Total Nitrogen, percent by weight, minimum	1.25
ii) Water Phosphate (P <sub>2</sub> O <sub>5</sub> ), percent by weight, minimum	0.22
iii) Potassium (as K <sub>2</sub> O), percent by weight, minimum	1.76
iv) Magnesium(as MgO), percent by weight, minimum	0.25
v) Calcium (as CaO), percent by weight, minimum	0.40
vi) Total sulphur (as S), percent by weight, minimum	0.693
vii) Total Zinc (as Zn), percent by weight, minimum	0.213
viii) Total Mn (as Mn), percent by weight, minimum	0.0077
ix) Total Fe (as Fe), percent by weight, minimum	0.0237
x) Total Cu(as Cu), percent by weight, minimum	0.051
xi) Total Boron (as B), percent by weight, minimum	0.0009
xii) Humic acid, percent by weight, minimum	0.737
xiii) Colour	Brown
xiv) Sp gravity	1.09(approx)
xv) pH	4.1 (approx)
xvi) Physical Condition	Solution

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

### 32. Name of the Product: Estazinc soil (Micronutrient fertilizer)

i) Total Zinc(Zn), percent by weight, minimum	8.0
ii) Total Magnesium (Mg), percent by weight, minimum	2.0
iii) Calcium (as CaO), percent by weight, minimum	15.0
iv) Total Sulphur (S), percent by weight, minimum	5.0
v) Total Lead (Pb), percent by weight, maximum	0.001
vi) Colour	White to grey
vii) pH (1.5)	6.0 (approx)
viii) Moisture content, percent by weight, maximum	10.0
ix) Solubility in water	Soluble
x) Physical Condition	Granular/Crystalline

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*



**33. Name of the Product: Estamin soil (Micronutrient fertilizer)**

i) Total Zinc(Zn), percent by weight, minimum	8.0
ii) Total Boron(B), percent by weight, minimum	0.5
iii) Total Manganese (Mn), percent by weight, minimum	0.25
iv) Total Copper (Cu), percent by weight, minimum	0.25
v) Total Molybdenum (Mo), percent by weight, minimum	0.019
vi) Total Magnesium (Mg), percent by weight, minimum	1.0
vii) Calcium (as CaO), percent by weight, minimum	15.0
viii) Lead (Pb), percent by weight, maximum	0.001
ix) Colour	Grey to cream
x) pH (1.5)	7.5(approx)
xi) Moisture content, percent by weight, maximum	10.0
xii) Solubility in water, percent by weight, minimum	95.0
xiii) Physical Condition	Powder

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

**34. Name of the Product: Estamin Foliar (Micronutrient fertilizer)**

i) Total Zinc(Zn), percent by weight, minimum	6.3
ii) Total Boron(B), percent by weight, minimum	2.5
iii) Total Manganese (Mn), percent by weight, minimum	5.4
iv) Total Copper (Cu), percent by weight, minimum	0.25
v) Total Molybdenum (Mo), percent by weight, minimum	0.50
vi) Total Iron (Fe), percent by weight, minimum	0.25
vii) Total Sulphur(S), percent by weight, minimum	11.2
viii) Total Magnesium (Mg), percent by weight, minimum	1.0
ix) Potassium(as K <sub>2</sub> O), percent by weight, minimum	9.7
x) Lead (Pb), percent by weight, maximum	0.001
xi) Colour	Grey to cream
xii) pH (1.5)	6.5
xiii) Moisture, percent by weight, minimum	2.0
xiv) Solubility in water, percent by weight, minimum	95.0
xv) Physical Condition	Powder

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

**35. Name of the Product: Estasulf (Inorganic foliar fertilizer)**

i) Total Sulphur(S), percent by weight, minimum	20.00
ii) Calcium (as CaO), percent by weight, minimum	20.00
iii) Iron (Fe), percent by weight, minimum	0.005
iv) Total Lead (Pb), percent by weight, maximum	0.001
v) Colour	Clear brown
vi) pH (1.5)	7.0(approx)
vii) Solubility in water, percent by weight, minimum	94.0
viii) Physical Condition	Liquid

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

**36. Name: NPKS (12-15-20-6) For Wheat & other Rabcrops**

i) Total nitrogen percent by weight, minimum	12.0
ii) Neutral ammonium citrate soluble Phosphates(as P <sub>2</sub> O <sub>5</sub> ), percent by weight, minimum	15.0
iii) Water soluble Potash (as K <sub>2</sub> O), percent by weight, minimum	20.0
iv) Total sulphur, percent by weight, minimum	6.0
v) Water soluble sulphate (as SO <sub>4</sub> -S), percent by weight, minimum	5.0
vi) Moisture, percent by weight, maximum	(a) Powder 3.0 (b) Granular 2.0
vii) Particle size-90 percent of the material pass through 4mm IS sieve and not more than 5 percent pass through 1mm IS sieve.	
viii) Physical condition	Granular/Powder

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

**37. Name: Natur's gift (Liquid Gold)**

i) Nitrogen (N)	14.2%
ii) Potassium(K)	2.0%
iii) Phosphorus(P)	1.1%
iv) Sulpher(S)	3000mg/L
v) Calcium(Ca)	400mg/L
vi) Magnesium(Mg)	400mg/L
vii) Zinc(Zn)	145mg/L
viii) Sodium(Na)	75mg/L
ix) Iron(Fe)	4mg/L
x) Boron(B)	2mg/L
xi) Copper (Cu)	1mg/L
xii) Manganese (Mn)	1mg/L
xiii) Molybdenum (Mo)	0.1mg/L

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

### 38. Name of the Product: E-2001 of SNS International

i) Ingredient:	
a) Proprietary blend of immobilized nitrogen-fixing cell such as Azotobacter, Nitrebactor and Nitrosomonas	
b) Proprietary blend of know enzymes and solutes	
ii) Colour	Deep brown
iii) Specific gravity	01
iv) pH	6.5
v) Solubility	Completely soluble in water
vi) Flammability	Non-flammable
vii) Toxicity	Nil
viii) Physical condition	Liquid

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

### 39. Name of the Product: Annapurna Jaiba Sar

i) Total Nitrogen(N), percent by weight, minimum	0.91
ii) Total Phosphate(P), percent by weight, minimum	0.4
iii) Total Potassium (K), percent by weight, minimum	1.50
iv) Total Sulphur(S), percent by weight, minimum	0.52
v) Total Zinc (Zn), percent by weight, minimum	0.02
vi) Total Boron(B), percent by weight, minimum	0.06
vii) Total Copper (Cu), percent by weight, minimum	0.02
viii) Total Manganese (Mn), percent by weight, minimum	0.03
ix) Organic Matter (O.M), percent by weight, minimum	7.13
x) Colour	Light to dark brown
xi) Moisture, percent by weight, maximum	22.00
xii) Physical Condition	Powder/Coarse Organic material

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

### 40. Name of the Product: Northern BF (HYV Rice)

i) Total Nitrogen(N), percent by weight, minimum	6.48
ii) Phosphate(P), percent by weight, minimum	4.56
iii) Potassium (K), percent by weight, minimum	12.0
iv) Sulphur(S), percent by weight, minimum	3.36
v) Zinc (Zn), percent by weight, minimum	0.40
vi) Boron(B), percent by weight, minimum	0.10
vii) Organic Material (O.M), percent by weight, minimum	23.00
viii) Colour	Greyish brown
ix) Moisture, percent by weight, maximum	4.23
x) Physical Condition	Powder/Coarse Organic material

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

**41. Name of the Product: Northern BF (Wheat)**

i) Total Nitrogen (N), percent by weight, minimum	5.56
ii) Phosphorus (P) percent by weight, minimum	4.98
iii) Potassium (K) percent by weight, minimum	11.5
iv) Sulphur (S), percent by weight, minimum	4.08
v) Zinc (Zn), percent by weight, minimum	0.20
vi) Boron (B), percent by weight, minimum	0.10
vii) Organic material, percent by weight, minimum	21.00
viii) Colour	Greyish brown
ix) Moisture, percent by weight, minimum	5.83
x) Physical Condition	Powder/Coarse Organic material

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

**42. Name of the Product: Northern BF (Potato)**

i) Total Nitrogen (N), percent by weight, minimum	6.22
ii) Phosphorus (P) percent by weight, minimum	3.0
iii) Potassium (K) percent by weight, minimum	11.5
iv) Sulphur (S), percent by weight, minimum	0.04
v) Zinc (Zn), percent by weight, minimum	2.40
vi) Boron (B), percent by weight, minimum	0.10
vii) Organic material, percent by weight, minimum	34.0
viii) Colour	Greyish brown
ix) Moisture, percent by weight, minimum	6.00
x) Physical Condition	Powder/Coarse Organic material

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

**43. Name of the Product: Northern BF (Mustard)**

i) Total Nitrogen (N), percent by weight, minimum	7.25
ii) Phosphorus (P) percent by weight, minimum	4.00
iii) Potassium (K) percent by weight, minimum	7.00
iv) Sulphur (S), percent by weight, minimum	3.96
v) Zinc (Zn), percent by weight, minimum	0.40
vi) Boron (B), percent by weight, minimum	0.10
vii) Organic material, percent by weight, minimum	33.00
viii) Colour	Greyish brown
ix) Moisture, percent by weight, minimum	6.20
x) Physical Condition	Powder/Coarse Organic material

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

**44. Name of the Product: Northern BF (Maize)**

i) Total Nitrogen (N), percent by weight, minimum	6.82
ii) Phosphorus (P) percent by weight, minimum	4.00
iii) Potassium (K) percent by weight, minimum	9.50
iv) Sulphur (S), percent by weight, minimum	3.60
v) Zinc (Zn), percent by weight, minimum	0.20
vi) Boron (B), percent by weight, minimum	0.10
vii) Organic material, percent by weight, minimum	32.00
viii) Colour	Greyish brown
ix) Moisture, percent by weight, maximum	6.48
x) Physical Condition	Powder/Coarse Organic material

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

**45. Name of the Product: Northern BF (Banana)**

i) Total Nitrogen (N), percent by weight, minimum	2.88
ii) Phosphorus (P) percent by weight, minimum	5.66
iii) Potassium (K) percent by weight, minimum	11.00
iv) Sulphur (S), percent by weight, minimum	4.20
v) Zinc (Zn), percent by weight, minimum	0.10
vi) Boron (B), percent by weight, minimum	0.10
vii) Organic material, percent by weight, minimum	26.00
viii) Colour	Greyish brown
ix) Moisture, percent by weight, maximum	5.10
x) Physical Condition	Powder/Coarse Organic material

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

**46. Name of the Product: Northern BF (Onion)**

i) Total Nitrogen (N), percent by weight, minimum	5.00
ii) Phosphorus (P) percent by weight, minimum	5.38
iii) Potassium (K) percent by weight, minimum	12.50
iv) Sulphur (S), percent by weight, minimum	4.08
v) Organic material, percent by weight, minimum	21.00
vi) Colour	Greyish brown
vii) Moisture, percent by weight, maximum	3.25
viii) Physical Condition	Powder/Coarse Organic material

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

**47. Name of the Product: Northern BF (Chilli)**

i) Total Nitrogen (N), percent by weight, minimum	4.78
ii) Phosphorus (P) percent by weight, minimum	6.00
iii) Potassium (K) percent by weight, minimum	9.50
iv) Sulphur (S), percent by weight, minimum	2.04
v) Zinc (Zn), percent by weight, minimum	0.20
vi) Boron (B), percent by weight, minimum	0.10
vii) Organic material, percent by weight, minimum	38.00
viii) Colour	Greyish brown
ix) Moisture, percent by weight, maximum	5.73
x) Physical Condition	Powder/Coarse Organic material

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

**48. Northern BF (Sugarcane)**

i) Total Nitrogen (N), percent by weight, minimum	5.54
ii) Phosphorus (P) percent by weight, minimum	5.84
iii) Potassium (K) percent by weight, minimum	7.50
iv) Sulphur (S), percent by weight, minimum	3.42
v) Zinc (Zn), percent by weight, minimum	0.10
vi) Boron (B), percent by weight, minimum	0.10
vii) Organic material, percent by weight, minimum	28.00
viii) Colour	Greyish brown
ix) Moisture, percent by weight, maximum	5.48
x) Physical Condition	Powder/ coarse Organic material

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

**49. Name of the Product Northern BF (Watermelon)**

i) Total Nitrogen (N), percent by weight, minimum	5.26
ii) Phosphorus (P) percent by weight, minimum	3.80
iii) Potassium (K) percent by weight, minimum	9.00
iv) Sulphur (S), percent by weight, minimum	3.42
v) Zinc (Zn), percent by weight, minimum	0.10
vi) Boron (B), percent by weight, minimum	0.10
vii) Organic material, percent by weight, minimum	38.00
viii) Colour	Greyish brown
ix) Moisture, percent by weight maximum	8.90
x) Physical Condition	Powder/coarse Organic material

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

**50. Name of the Product Northern BF (Cauliflower)**

i) Total Nitrogen (N), percent by weight, minimum	3.42
ii) Phosphorus (P) percent by weight, minimum	3.80
iii) Potassium (K) percent by weight, minimum	4.00
iv) Sulphur (S), percent by weight, minimum	2.34
v) Zinc (Zn), percent by weight, minimum	0.12
vi) Boron (B), percent by weight, minimum	1.41
vii) Organic material, percent by weight, minimum	44.00
viii) Colour	Greyish brown
ix) Moisture, percent by weight, maximum	9.15
x) Physical Condition	Powder/coarse Organic material

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

**51. Name of the Product Northern BF (Cabbage)**

i) Total Nitrogen (N), percent by weight, minimum	2.88
ii) Phosphorus (P), percent by weight, minimum	3.20
iii) Potassium (K), percent by weight, minimum	5.50
iv) Sulphur (S), percent by weight, minimum	3.06
v) Boron (B), percent by weight, minimum	0.10
vi) Organic material, percent by weight, minimum	55.00
vii) Colour	Greyish brown
viii) Moisture, percent by weight, maximum	6.78
ix) Physical Condition	Powder/coarse Organic material

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

**52. Name of the Product Northern BF (Brinjal)**

i) Total Nitrogen (N), percent by weight, minimum	8.20
ii) Phosphorus (P), percent by weight, minimum	4.00
iii) Potassium (K), percent by weight, minimum	7.00
iv) Sulphur (S), percent by weight, minimum	1.44
v) Organic material, percent by weight, minimum	55.00
vi) Colour	Greyish brown
vii) Moisture, percent by weight, maximum	6.63
viii) Physical Condition	Powder/coarse Organic material

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

**53. Name of the Product: Northern BF (Tomato)**

i) Total Nitrogen (N), percent by weight, minimum	3.42
ii) Phosphorus (P), percent by weight, minimum	3.80
iii) Potassium (K), percent by weight, minimum	5.50
iv) Sulphur (S), percent by weight, minimum	2.88
v) Boron (B), percent by weight, minimum	0.02
vi) Organic material, percent by weight, maximum	52.00
vii) Colour	Greyish brown
viii) Moisture, percent by weight, maximum	6.53
ix) Physical Condition	Powder/coarse Organic material

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

**54. Name of the Product: Northern BF (Garlic)**

i) Total Nitrogen (N), percent by weight, minimum	6.00
ii) Phosphorus (P), percent by weight, minimum	5.08
iii) Potassium (K), percent by weight, minimum	14.50
iv) Sulphur (S), percent by weight, minimum	2.52
v) Organic material, percent by weight, maximum	26.00
vi) Colour	Greyish brown
vii) Moisture, percent by weight, maximum	4.53
viii) Physical Condition	Powder/coarse Organic material

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

**55. Name of the Product: Northern Sakti Sar**

i) Total Nitrogen (N), percent by weight, minimum	6.00
ii) Phosphorus (P) percent by weight, minimum	3.50
iii) Potassium (K) percent by weight, minimum	8.50
iv) Sulphur (S), percent by weight, minimum	2.00
v) Boron (B), percent by weight, minimum	0.10
vi) Calcium (Ca), percent by weight, minimum	2.00
vii) Magnesium (Mg), percent by weight, minimum	1.00
viii) Colour	Greyish brown
ix) Moisture, percent by weight, maximum	6.23
x) Physical Condition	Powder/coarse Organic material

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*



## 56. Name of the Product: Microsoil

i) Ingredients	
a) Proprietary blend of known and non-pathogenic soil microorganisms such as Azotobacter and Clostridium	
b) Proprietary blend of organic minerals, vitamins and natural polysaccharide and polypeptones	
ii) Colour	Deep brown
iii) Specific gravity	1.0
iv) pH	5.0-7.0
v) Solubility	Fully soluble in water
vi) Flammability	Non-flammable
vii) Physical condition	Liquid

*Note: The manufacturers guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

## 57. সারের নামঃ Nutraphos N

i) Total Nitrogen (N), percent by weight, minimum	16.0
ii) Available Phosphate ( $P_2O_5$ ), percent by weight, minimum	12.0
iii) Calcium (Ca), percent by weight, minimum	4.0
iv) Magnesium (Mg), percent by weight, minimum	1.5
v) Zinc (Zn), percent by weight, minimum	2.0
vi) Boron(B), percent by weight, minimum	1.0
vii) Iron(Fe), percent by weight, minimum	1.0
viii) Colour	Off-white
ix) pH	7.0-9.0
x) Moisture, percent by weight, maximum	2.0
xi) Physical Condition	Powder (Fine Powder)

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

## 58. সারের নামঃ Nutraphos-24

i) Available Phosphate ( $P_2O_5$ ), percent by weight, minimum	24.0
ii) Calcium (Ca), percent by weight, minimum	20.0
iii) Sulphur (S), percent by weight, minimum	6.0
iv) Zinc (Zn), percent by weight, minimum	12.0
v) Colour	white
vi) pH	6.9-9.0
vii) Moisture, percent by weight, maximum	7
viii) Physical Condition	Powder (Fine Powder)

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

**59. সারের নামঃ Nutraphos Super K**

i) Total Nitrogen (N), percent by weight, minimum	7.0
ii) Available Phosphate (P <sub>2</sub> O <sub>5</sub> ), percent by weight, minimum	13.0
iii) Soluble Potash (K <sub>2</sub> O), percent by weight, minimum	34.0
iv) Zinc (Zn), percent by weight, minimum	12.0
v) Colour	Off-white
vi) pH	7.0-10.0
vii) Moisture, percent by weight, maximum	7.0
viii) Physical Condition	Powder (Fine Powder)

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

**60. সারের নামঃ Sulphur-95**

i) Total Sulphur, percent by weight, minimum	95.0
ii) Moisture, percent by weight, minimum	0.5
iii) Physical Condition	Granular

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

**61. সারের নামঃ BINA Zibanu Sar (Bio-Fertilizer)**

- i) Name of Organisms: Bacterial (Rhizobia and Bradyrhizobia) strains
- ii) Order: Eubacterials
- iii) Family: Rhizobiaceae
- iv)

	<u>Host</u>	<u>Single/mixed culture</u>	<u>Bacteria</u>
1) Lentil(Musure)	Lens culinaris	Mixed	Rhizobium
2) Chickpea(Sola)	Cleer arietinum	Mixed	Bradyrhizobium
3) Groundnut (Chinabadam)	Arachis hypogaca	Mixed	Bradyrhizobium
4) Mungbean(Mung)	Vigna radiate	Mixed	Bradyrhizobium
5) Mashcoli(Mash)	Vigna mmgo	Mixed	Bradyrhizobium
6) Cowpea(Barboti)	Vigna unguiculata	Mixed	Bradyrhizobium
7) Soybean	Glycine max	Mixed	Bradyrhizobium

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

## 62. Dolomite lime [Ca Mg(CO<sub>3</sub>)<sub>2</sub>]

i) Acidity neutralizing power (Ca CO <sub>3</sub> equivalent 100)	109
ii) Total Calcium(Ca), percent by weight, minimum	20.00
iii) Total Magnesium (Mg), percent by weight, minimum	11.00
iv) Total Iron (Fe), percent by weight, minimum	0.13
v) Total Silicon (Si), percent by weight, maximum	0.75
vi) Colour	Off white
vii) pH	8.5
viii) Particle Size	80-100 mesh
ix) Specific gravity	1.4
x) Moisture content, percent by weight, maximum	3.0
xi) Physical Condition	Powder

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

## 63. Calcitic Lime: Agricultural lime (CaCO<sub>3</sub>)

i) Acidity neutralizing power	100
ii) Total Calcium(Ca), percent by weight, minimum	34.0
iii) Total Magnesium (Mg), percent by weight, minimum	0.15
iv) Total Iron (Fe), percent by weight, minimum	0.15
v) Total Silicon (Si), percent by weight, maximum	2.0
vi) Colour	white
vii) pH	9.00
viii) Particle Size	100-120 mesh
ix) Specific gravity	1.4
x) Moisture content, percent by weight, maximum	3.0
xi) Physical Condition	Powder

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

#### 64. Chook Chook-150

i) Total Nitrogen (N), percent by weight, minimum	4.50
ii) Phosphorus (P) percent by weight, minimum	4.50
iii) Potassium (K) percent by weight minimum	6.03
iv) Sulphur (S), percent by weight, minimum	1.72
v) Zinc (Zn), percent by weight minimum	1.50
vi) Boron(B), percent by weight, minimum	0.09
vii) Calcium (Ca), percent by weight, minimum	10.00
viii) Magnesium (Mg), percent by weight, minimum	1.30
ix) Manganese(Mn), percent by weight, minimum	1.18
x) Copper(Cu), percent by weight, minimum	0.006
xi) Organic matter, percent by weight, minimum	23.62
xii) Colour	Brownish
xiii) pH	7.00(approx)
xiv) Moisture, percent by weight, maximum	10.00
xv) Physical Condition	Powder (Coarse/Fibrous)

*Note: The manufacturers guaranteed analysis shall indicate that “the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment”.*

#### 65. Chook Chook-102

i) Total Nitrogen (N), percent by weight, minimum	2.80
ii) Phosphorus (P) percent by weight, minimum	3.72
iii) Potassium (K) percent by weight, minimum	3.11
iv) Sulphur (S), percent by weight, minimum	0.51
v) Zinc (Zn), percent by weight, minimum	0.45
vi) Boron(B), percent by weight, minimum	0.15
vii) Calcium (Ca), percent by weight, minimum	12.00
viii) Magnesium (Mg), percent by weight, minimum	0.67
ix) Manganese(Mn), percent by weight, minimum	0.07
x) Copper(Cu), percent by weight, minimum	0.01
xi) Iron(Fe), percent by weight, minimum	0.87
xii) Organic matter, percent by weight, minimum	25.36
xiii) Colour	Brownish
xiv) pH	7.00(approx)
xv) Moisture, percent by weight, maximum	10.00
xvi) Physical Condition	Powder (Coarse/Fibrous)

*Note: The manufacturer’s guaranteed analysis shall indicate that “the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment”.*

## 66. Silvagen

i) Total Nitrogen (N), percent by weight minimum	24.00
ii) Total Phosphorus (P) percent by weight, minimum	2.2
iii) Water Soluble Phosphorus (P) percent by weight, minimum	1.1
iv) Total Potassium (K) percent by weight minimum	8.3
v) Water Soluble Potassium(K), percent by weight minimum	7.9
vi) Total Magnesium (Mg) percent by weight, minimum	2.1
vii) Sulphur (S), percent by weight, minimum	3.0
viii) Cadmium(Cd) percent by weight of total Phosphorus, maximum	0.002
ix) Lead (Pb), percent by weight, maximum	0.0015
x) Mercury (Hg), percent by weight, maximum	0.0005
xi) Arsenic(As), percent by weight, maximum	0.001
xii) Chromium (Cr), percent by weight, maximum	0.100
xiii) Colour	Gray
xiv) Solubility in Water	Partially soluble
xv) pH (1: 2.5)	7.1(approx)
xvi) Moisture, percent by weight, minimum	3.0
xvii) Physical Condition	Solid(Tablet form)

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

## 67. Silvamix

i) Total Nitrogen (N), percent by weight minimum	11.00
ii) Total Phosphorus (P) percent by weight, minimum	7.48
iii) Water Soluble Phosphorus (P) percent by weight, minimum	2.64
iv) Total Potassium (K) percent by weight minimum	6.64
v) Water Soluble Potassium(K), percent by weight minimum	4.98
vi) Total Magnesium (Mg) percent by weight, minimum	4.20
vii) Sulphur (S), percent by weight, minimum	1.50
viii) Cadmium(Cd) percent by weight of total Phosphorus maximum	0.002
ix) Lead (Pb), percent by weight, maximum	0.005
x) Mercury (Hg), percent by weight, maximum	0.0015
xi) Arsenic(As), percent by weight, maximum	0.001
xii) Chromium (Cr), percent by weight, maximum	0.100
xiii) Colour	Gray
xiv) Solubility in Water	Partially soluble
xv) pH (1: 2.5)	7.3(approx)
xvi) Moisture, percent by weight, minimum	3.0
xvii) Physical Condition	Solid(Tablet form)

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

### 68. Silvamix-Forte

i) Total Nitrogen (N), percent by weight minimum	17.5
ii) Total Phosphorus (P) percent by weight, minimum	7.70
iii) Water Soluble Phosphorus (P) percent by weight, minimum	3.08
iv) Total Potassium (K) percent by weight minimum	8.71
v) Water Soluble Potassium(K), percent by weight minimum	7.05
vi) Total Magnesium (Mg) percent by weight, minimum	5.40
vii) Sulphur (S), percent by weight, minimum	0.30
viii) Cadmium(Cd) percent by weight of total Phosphorus maximum	0.002
ix) Lead (Pb), percent by weight, maximum	0.0015
x) Mercury (Hg), percent by weight, maximum	0.0005
xi) Arsenic(As), percent by weight, maximum	0.001
xii) Chromium (Cr), percent by weight, maximum	0.100
xiii) Colour	Gray
xiv) Solubility in Water	Partially soluble
xv) pH (1: 2.5)	7.3(approx)
xvi) Moisture, percent by weight, minimum	3.0
xvii) Physical Condition	Solid (Tablet form)

*Note: The manufacturers guaranteed analysis shall indicate that “the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment”.*

### 69. Fused Magnesium Phosphate(ইক্ষুচাষে ব্যবহারের জন্য)

i) Phosphorus (P), percent by weight, minimum	7.92
ii) Calcium (Ca), percent by weight, minimum	23.43
iii) Magnesium (Mg), percent by weight, minimum	7.30
iv) Silicon(Si), percent by weight, minimum	9.40
v) Colour	Gray/brown
vi) pH (1: 2.5)	8.5-8.9
vii) Moisture, percent by weight, maximum	1.50
viii) Physical Condition	Powder

*Note: The manufacturer’s guaranteed analysis shall indicate that “the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment”.*

**70. Name of the Product: Feovit-55 (ধান ফসলের জন্য)**

i) Total Nitrogen (N), percent by weight, minimum	5.0
ii) Total Phosphate (P), percent by weight, minimum	6.0
iii) Total Potassium (K), percent by weight, minimum	7.0
iv) Total Sulphur (S), percent by weight, minimum	5.0
v) Total Zinc (Zn), percent by weight, minimum	0.02
vi) Water Soluble Boron (B), percent by weight, minimum	0.001
vii) Calcium(Ca), percent by weight, minimum	10.0
viii) Magnesium (Mg) percent by weight, minimum	1.30
ix) Arsenic (As), ppm by weight, maximum	5.00
x) Cadmium(Cd) ppm by weight of maximum	10.00
xi) Lead (Pb), percent by weight, maximum	9.00
xii) Organic matter, percent by weight, maximum	5.0
xiii) Colour	Grey
xiv) pH	6.0-7.0
xv) Moisture, percent by weight, minimum	16.00
xvi) Physical Condition	Granular
xvii) Solubility in Water	Partially Soluble
xviii) Particle size	80 percent of the material shall pass through 4-2mm IS sieve

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

### 73. Name of the Product: Keumjatop

**Specification: For use in Tomato cultivation** (সুপারিশকৃত NPKS সারের সাথে সম্পূর্ণক মাত্রায় প্রয়োগের জন্য)

i) Total Nitrogen (N), percent by weight, minimum	5.00
ii) Total Phosphorus (P), percent by weight, minimum	2.20
iii) Total Potassium (K), percent by weight, minimum	2.50
iv) Total Zinc (Zn), percent by weight, minimum	0.05
v) Total Boron (B), percent by weight, minimum	0.01
vi) Magnesium (Mg) percent by weight, minimum	0.60
vii) Manganese (Mn), percent by weight, minimum	0.077
viii) Copper (Cu), percent by weight, minimum	0.05
ix) Iron (Fe), percent by weight, minimum	0.10
x) Colour	Brown
xi) pH	2.3-2.5
xii) Physical Condition	Liquid
xiii) Solubility in Water	Miscible
xiv) Specific gravity (20°C)	1.20-1.25

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

### 74. Name of the Product: Chook-Chook(Tomato) (Organo-chemical fertilizer)

i) Organic Matter, percent by weight, minimum	17.97
ii) Total Nitrogen (N), percent by weight, minimum	3.83
iii) Total Phosphorus (P), percent by weight, minimum	2.28
iv) Total Potassium (K), percent by weight, minimum	4.50
v) Total Sulphur (S), percent by weight, minimum	1.24
vi) Calcium (Ca), percent by weight, minimum	2.80
vii) Magnesium (Mg) percent by weight, minimum	1.42
viii) Total Zinc (Zn), percent by weight, minimum	0.316
ix) Total Boron (B), percent by weight, minimum	0.03
x) Manganese (Mn), percent by weight, minimum	0.09
xi) Copper (Cu), percent by weight, minimum	.005
xii) Iron (Fe), percent by weight, minimum	0.54
xiii) Cadmium (Cd), percent by weight, maximum	0.00089
xiv) Lead (Pd), percent by weight, maximum	0.00029
xv) Arsenic (As), percent by weight, maximum	0.0004
xvi) Colour	Grey
xvii) pH	7.10
xviii) Moisture, percent by weight, maximum	10
xix) Physical Condition	Powder
xx) Solubility % in Water (fertilizer to water =1:10)	Partially soluble

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*



**75. Name of the Product: Aquasorb™ 3005<sup>KM</sup>**

i) Classification of the Product	:	Soil Physical Improver
ii) Physical Condition	:	Free flowing powder
iii) Colour	:	White
iv) Moisture, percent by weight, maximum	:	0-13%
v) pH	:	Neutral
vi) Solubility	:	Not Applicable (100% Biodegradable)

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

**76. Name of the Product: Flobond™ A 30**

i) Classification of the Product	:	Soil Physical Improver
ii) Physical Condition	:	Free flowing powder
iii) Colour	:	White
iv) Moisture, percent by weight maximum	:	0-15%
v) pH	:	Neutral
vi) Solubility	:	Not Applicable (100% Biodegradable)

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

**77. Name of the Product: Chook-Chook (Banana)**

i) Classification of the Product	:	Organo-chemical
ii) Physical Condition	:	Fibrous powder
iii) Colour	:	Brown
iv) Moisture (%)	:	6.5
v) OM (%)	:	21.76
vi) Ca (%)	:	8.00
vii) Mg (%)	:	1.13
viii) K <sub>2</sub> O (%)	:	5.36
ix) TN (%)	:	3.33
x) P <sub>2</sub> O <sub>5</sub> (%)	:	9.15
xi) S (%)	:	2.83
xii) B (%)	:	0.03
xiii) Cu (%)	:	0.005
xiv) Zn (%)	:	1.5
xv) Mn (%)	:	0.15

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment".*

78. চা ফসলে নর্দান জৈব সারের বিনির্দেশ

i) Classification of the Fertilizer	Organic
ii) Physical Condition	Powder
iii) Colour	Grayish Black
iv) Moisture (%)	10%
v) N	4%
vi) P <sub>2</sub> O <sub>5</sub>	1.15%
vii) K <sub>2</sub> O	1.5%
viii) S	1.0%
ix) Ca	2.5%
x) Mg	0.75%
xi) Fe	0.05%
xii) Mn	170 ppm
xiii) Zn	150 ppm
xiv) Cu	24 ppm
xv) B	1.60 ppm
xvi) Mo	3.0 ppm
xvii) OM	10.0%

*Note: The manufacturer's guaranteed analysis shall indicate that "the product does not contain toxic wastes and the level of heavy metals present is not hazardous for human health, crop and environment"*