

## RUMILUZ POULTRY SB

**Matières premières pour aliment des animaux/Feed material**

**Présentation :** Petites balles de 20 kg (0.5 m x 0.3 m x 0.3 m environ), Cerclage plastique. 48 balles ensachées par palette (6x8) - 960 kg - Palette coiffée/filmée de 1.0 m x 2.0 m x 1.2 m/ Small bales of 20 kg (0.5 m x 0.3 m x 0.3 m) with plastic straps. 48 bagged bales par palet (6x8), let 960 kg, top-covered/film-wrapped of 1.0 m x 2.0 m x 1.2 m.

**Origine/Origin :** France

**HS code :** 12 14 90 90

**Caractéristiques/Features :**

Luzerne déshydratée brins longs en balles - Dehydrated chopped alfalfa bales - VLOG geprüft.

Informations fournies à titre indicatif, conformément au règlement européen 767/2009 (annexe IV sur les tolérances). Les garanties contractuelles sont spécifiées dans les contrats/Information provided for guidance only, in compliance with EU Regulation 767/2009 (Annex IV on tolerances). Contractual guarantees are specified in the approved agreements.

### Composition générale/General composition

| Paramètre/Parameter                              | Brut/as fed | Sec/on DM | Unité/Unit | Autre/Other | Unité/Unit |
|--------------------------------------------------|-------------|-----------|------------|-------------|------------|
| Humidité/Moisture                                | 10.0        |           | %          | -           |            |
| Protéines brutes/Crude protein                   | 13.0        | 14.4      | %          | -           |            |
| Matières grasses brutes/Crude fat                | 2.0         | 2.2       | %          | -           |            |
| Matières minérales/Crude Ash                     | 10.0        | 11.1      | %          | -           |            |
| Cellulose brute/Crude Fiber                      | 27.9        | 31.0      | %          | -           |            |
| NDF                                              | 41.8        | 46.4      | %          | -           |            |
| Amidon/Starch                                    | 0.0         | 0.0       | %          | -           |            |
| ADF                                              | 30.8        | 34.2      | %          | -           |            |
| ADL                                              | 7.6         | 8.4       | %          | -           |            |
| Lignine/Lignin                                   | 7.6         | 8.4       | %          | -           |            |
| Cendres insolubles/Insoluble Ash                 | 1.1         | 1.2       | %          | -           |            |
| Parois végétales solubles/Solubles Cell walls    |             | ND        | %          | -           |            |
| Parois végétales insolubles/Insoluble Cell walls |             | ND        | %          | -           |            |
| Sucres totaux/Sugars                             | 2.9         | 3.2       | %          | -           |            |
| Xanthophylles/Xanthophylls                       | 60          | 67        | ppm        | -           |            |
| Lutéine+ Zéaxanthine/Lutein+Zeaxanthin           | 45          | 50        | ppm        | -           |            |
| Carotène/Carotene                                | 25          | 28        | ppm        | -           |            |
| Vitamine E/Vitamin E                             | 25          | 28        | ppm        | -           |            |

### Minéraux/Minerals

| Paramètre/Parameter  | Brut/as fed | Sec/on DM | Unité/Unit | Autre/Other | Unité/Unit |
|----------------------|-------------|-----------|------------|-------------|------------|
| Calcium              | 19.8        | 22.0      | g/kg       | -           |            |
| Phosphore/Phosphorus | 2.3         | 2.6       | g/kg       | -           |            |
| Magnesium            | 1.5         | 1.7       | g/kg       | -           |            |
| Potassium            | 24.9        | 27.7      | g/kg       | -           |            |
| Sodium               | 0.2         | 0.2       | g/kg       | -           |            |
| Chlore/Chlorine      | 5.0         | 5.6       | g/kg       | -           |            |
| Soufre/Sulfur        | 2.6         | 2.9       | g/kg       | -           |            |
| Manganese            | 45.0        | 50.0      | ppm        | -           |            |
| Zinc                 | 20.0        | 22.2      | ppm        | -           |            |
| Cuivre/Copper        | 5.0         | 5.6       | ppm        | -           |            |
| Fer/Iron             | 350.0       | 388.9     | ppm        | -           |            |
| Selenium             | 0.3         | 0.3       | ppm        | -           |            |
| Cobalt               | 0.3         | 0.3       | ppm        | -           |            |

|                      |     |      |     |   |
|----------------------|-----|------|-----|---|
| Iode/Iodine          | 0.4 | 0.4  | ppm | - |
| Nickel               | 1.4 | 1.6  | ppm |   |
| Fluor/Fluorine       | 9.0 | 10.0 | ppm |   |
| Molybdène/Molybdenum | 0.6 | 0.7  | ppm | - |

### **Acides aminés/Amino acid**

| Paramètre/Parameter            | Brut/as fed | Sec/on DM | Unité/Unit | Autre/Other | Unité/Unit |
|--------------------------------|-------------|-----------|------------|-------------|------------|
| Lysine                         | 5.0         | 5.6       | g/kg       | -           |            |
| Methionine                     | 1.2         | 1.3       | g/kg       | -           |            |
| Cystine                        | 1.5         | 1.7       | g/kg       | -           |            |
| Threonine                      | 4.4         | 4.9       | g/kg       | -           |            |
| Tryptophane                    | 2.0         | 2.2       | g/kg       | -           |            |
| Isoleucine                     | 4.4         | 4.9       | g/kg       | -           |            |
| Valine                         | 7.1         | 7.9       | g/kg       | -           |            |
| Leucine                        | 8.5         | 9.4       | g/kg       | -           |            |
| Histidine                      | 2.1         | 2.3       | g/kg       | -           |            |
| Phenylalanine                  | 5.7         | 6.3       | g/kg       | -           |            |
| Tyrosine                       | 3.0         | 3.3       | g/kg       | -           |            |
| Arginine                       | 4.5         | 5.0       | g/kg       | -           |            |
| Alanine                        | 5.8         | 6.4       | g/kg       | -           |            |
| Acide aspartique/Aspartic acid | 12.3        | 13.7      | g/kg       | -           |            |
| Acide glutamique/Glutamic acid | 11.1        | 12.3      | g/kg       | -           |            |
| Glycine                        | 5.4         | 6.0       | g/kg       | -           |            |
| Serine                         | 5.1         | 5.7       | g/kg       | -           |            |
| Proline                        | 5.7         | 6.3       | g/kg       | -           |            |

### **Acides gras/Fatty acids**

| Paramètre/Parameter                   | Brut/as fed | Sec/on DM | Unité/Unit | Autre/Other | Unité/Unit |
|---------------------------------------|-------------|-----------|------------|-------------|------------|
| C12:0 acide laurique/lauric acid      | 0.2         | 0.2       | g/kg       |             |            |
| C16:0 acide palmitique/palmitic acid  | 2.7         | 3.0       | g/kg       |             |            |
| C18:0 acide stéarique/stearic acid    | 0.4         | 0.4       | g/kg       |             |            |
| C18:1 acide oléique/oleic acid        | 0.5         | 0.6       | g/kg       |             |            |
| C18:2 acide linoléique/linolenic acid | 2.4         | 2.7       | g/kg       |             |            |
| C18:3 acide linoléique/linolenic acid | 3.3         | 3.7       | g/kg       |             |            |

### **Valeurs nutritionnelles énergétiques/Energy nutritional values**

| Paramètre/Parameter                                                          | Brut/as fed | Sec/on DM | Unité/Unit | Autre/Other | Unité/ Unit |
|------------------------------------------------------------------------------|-------------|-----------|------------|-------------|-------------|
| <b>UFC/Net Energy for gain INRA 2012</b>                                     | 0.48        | 0.53      | /kg        |             |             |
| <b>VEM/Energie nette lait /Net energy for milk CVB 2018</b>                  | 590         | 656       | /kg        | -           |             |
| <b>VEVI/Energie nette Viande/Net Energy for gain CVB 2018</b>                | 544         | 604       | /kg        | -           |             |
| <b>dMO/Digestibilité MO/Digestibility of organic matter INRA 2007</b>        | 59          | -         | -          | 60          | %MO         |
| <b>UFL/Net Energy for milk INRA 2018</b>                                     | 0.66        | 0.73      | /kg        | -           |             |
| <b>NEm3X/Energie nette maintenance /Net Energy for maintenance NRC 2001</b>  | 3.9         | 4.3       | MJ/kg      | -           |             |
| <b>NEg3X/Energie nette engraissement/Net Energy for gain NRC 2001</b>        | 1.9         | 2.1       | MJ/kg      | -           |             |
| <b>NEl3X/Energie nette lait/Net Energy for milk NRC 2001</b>                 | 3.9         | 4.3       | MJ/kg      | -           |             |
| <b>TDN/Nutriments totaux digestibles/Total digestible nutrients NRC 2001</b> | 46          | 51        | %          | -           |             |
| <b>UFV/Net energy for gain INRA 2018</b>                                     | 0.59        | 0.66      | /kg        | -           |             |
| <b>Energie digestible lapin/Digestible Energy for rabbit</b>                 | 1570        | 1744      | kcal/kg    | -           |             |

|                                                                 |      |      |         |   |
|-----------------------------------------------------------------|------|------|---------|---|
| Energie métabolisable lapin/Metabolizable Energy for rabbit     | 1510 | 1678 | kcal/kg | - |
| Energie métabolisable coq /Metabolizable Energy for cockerel    | 1030 | 1144 | kcal/kg | - |
| Energie métabolisable poulet/Metabolizable Energy for broiler   | 1010 | 1122 | kcal/kg | - |
| Energie digestible porc/Digestible Energy for growing pig       |      | ND   | kcal/kg | - |
| Energie digestible truie/Digestible Energy for adult pig        |      | ND   | kcal/kg | - |
| Energie métabolisable porc/Metabolizable Energy for growing pig |      | ND   | kcal/kg | - |
| Energie métabolisable truie/Metabolizable Energy for adult pig  |      | ND   | kcal/kg | - |
| Energie nette porc/Net Energy for growing pig                   |      | ND   | kcal/kg | - |
| Energie nette truie/Net Energy for adult pig                    |      | ND   | kcal/kg | - |

### Valeurs nutritionnelles protéiques/Protein nutritional values

| Paramètre/Parameter                                                                     | Brut/as fed | Sec/on DM | Unité/Unit | Autre/Other | Unité/Unit        |
|-----------------------------------------------------------------------------------------|-------------|-----------|------------|-------------|-------------------|
| <b>MADC/Digestible protein for horse INRA 2012</b>                                      | 62          | 69        | g/kg       |             |                   |
| <b>DVE/Protéines digestibles dans l'intestin/Intestinal digestible protein CVB 2018</b> | 58          | 64        | g/kg       |             |                   |
| <b>OEB/Balance protéique dans le rumen/Rumen degradable protein balance CVB 2018</b>    | 8           | 9         | g/kg       |             |                   |
| Threonine digestible INRA 2018                                                          | -           | -         | -          | 5.2         | % PDI             |
| Isoleucine digestible INRA 2018                                                         | -           | -         | -          | 5.2         | % PDI             |
| Valine digestible INRA 2018                                                             | -           | -         | -          | 6.1         | % PDI             |
| Leucine digestible INRA 2018                                                            | -           | -         | -          | 8.3         | % PDI             |
| Phenylalanine digestible INRA 2018                                                      | -           | -         | -          | 5.1         | % PDI             |
| Arginine digestible INRA 2018                                                           | -           | -         | -          | 4.7         | % PDI             |
| <b>BPR/Rumen degradable protein balance INRA 2018</b>                                   | -2          | -2        | g/kg       |             |                   |
| <b>PDIA/Intestinal digestible protein from feed INRA 2018</b>                           | 30          | 33        | g/kg       |             |                   |
| <b>PDI/Intestinal digestible Protein from feed INRA 2018</b>                            | 76          | 84        | g/kg       |             |                   |
| Histidine digestible INRA 2018                                                          | -           | -         | -          | 1.7         | % PDI             |
| Methionine digestible INRA 2018                                                         | -           | -         | -          | 1.7         | % PDI             |
| Lysine digestible INRA 2018                                                             | -           | -         | -          | 6.6         | % PDI             |
| <b>RUP/Protéines non dégradables dans le rumen/undegradable protein NRC 2001</b>        | -           | -         | -          | 39          | %Proteines brutes |

### Porcs, acides aminés digestibles/Digestible amino acids for pig

| Paramètre/Parameter               | Brut/as fed | Sec/on DM | Unité/Unit | Autre/Other | Unité/Unit |
|-----------------------------------|-------------|-----------|------------|-------------|------------|
| Lysine Digestible Porc/Pig        |             | ND        | g/kg       |             |            |
| Methionine Digestible Porc/Pig    |             | ND        | g/kg       |             |            |
| Cystine Digestible Porc/Pig       |             | ND        | g/kg       |             |            |
| Threonine Digestible Porc/Pig     |             | ND        | g/kg       |             |            |
| Tryptophane Digestible Porc/Pig   |             | ND        | g/kg       |             |            |
| Isoleucine Digestible Porc/Pig    |             | ND        | g/kg       |             |            |
| Valine Digestible Porc/Pig        |             | ND        | g/kg       |             |            |
| Leucine Digestible Porc/Pig       |             | ND        | g/kg       |             |            |
| Histidine Digestible Porc/Pig     |             | ND        | g/kg       |             |            |
| Phenylalanine Digestible Porc/Pig |             | ND        | g/kg       |             |            |
| Tyrosine Digestible Porc/Pig      |             | ND        | g/kg       |             |            |
| Arginine Digestible Porc/Pig      |             | ND        | g/kg       |             |            |

|                                                               |    |      |
|---------------------------------------------------------------|----|------|
| Alanine Digestible Porc/Pig                                   | ND | g/kg |
| Acide aspartique Digestible Porc/Digestible aspartic acid Pig | ND | g/kg |
| Acide glutamique Digestible Porc/Digestible Glutamic acid Pig | ND | g/kg |
| Glycine Digestible Porc/Pig                                   | ND | g/kg |
| Serine Digestible Porc/Pig                                    | ND | g/kg |
| Proline Digestible Porc/Pig                                   | ND | g/kg |

#### Volailles, acides aminés digestibles/Digestible amino acids for poultry

| Paramètre/Parameter                       | Brut/as fed | Sec/on DM | Unité/Unit | Autre/Other Unité/Unit |
|-------------------------------------------|-------------|-----------|------------|------------------------|
| Lysine Digestible Volaille/Poultry        | 2.9         | 3.2       | g/kg       |                        |
| Methionine Digestible Volaille/Poultry    | 1.2         | 1.3       | g/kg       |                        |
| Cystine Digestible Volaille/Poultry       | 0.7         | 0.8       | g/kg       |                        |
| Threonine Digestible Volaille/Poultry     | 3.1         | 3.4       | g/kg       |                        |
| Tryptophane Digestible Volaille/Poultry   | 0.9         | 1.0       | g/kg       |                        |
| Isoleucine Digestible Volaille/Poultry    | 3.1         | 3.4       | g/kg       |                        |
| Valine Digestible Volaille/Poultry        | 4.6         | 5.1       | g/kg       |                        |
| Leucine Digestible Volaille/Poultry       | 6.0         | 6.7       | g/kg       |                        |
| Histidine Digestible Volaille/Poultry     | 1.5         | 1.7       | g/kg       |                        |
| Phenylalanine Digestible Volaille/Poultry | 3.8         | 4.2       | g/kg       |                        |
| Tyrosine Digestible Volaille/Poultry      | 2.4         | 2.7       | g/kg       |                        |
| Arginine Digestible Volaille/Poultry      | 3.8         | 4.2       | g/kg       |                        |
| Serine Digestible Volaille/Poultry        | 3.5         | 3.9       | g/kg       |                        |

#### Valeurs nutritionnelles particulières/Other nutritional values

| Paramètre/Parameter                                                                              | Brut/as fed | Sec/on DM | Unité/Unit | Autre/Other Unité/Unit |
|--------------------------------------------------------------------------------------------------|-------------|-----------|------------|------------------------|
| <b>Ca abs</b> /Calcium absorbable ruminants/Absorbable Calcium by ruminants <b>INRA 2018</b>     | 5.9         | 6.6       | g/kg       |                        |
| <b>P abs</b> /Phosphore absorbable ruminants/Absorbable Phosphorus by ruminants <b>INRA 2018</b> | 1.9         | 2.1       | g/kg       |                        |
| <b>P disp</b> /Phosphore disponible Volailles/Available phosphorus for poultry <b>INRA</b>       | 1.9         | 2.1       | g/kg       |                        |
| <b>BE</b> Balance électrolytique/ <b>DEB</b> Dietary electrolyt balance                          | 504         | 560       | mEq/kg     |                        |
| <b>BACA</b> Balance Cation-Anion/ <b>DCAB</b> Dietary Cation-Anion balance                       | 342         | 380       | mEq/kg     |                        |
| <b>VS</b> /Valeur de structure/Structure value <b>CLVO Gent</b>                                  | -           | -         | -          | 2.6 Unité              |
| <b>bVEC</b> /Valeur d'encombrement/ Fill unit <b>INRA 2018</b>                                   | -           | -         | -          | 0.42 UEL/kgMS          |
| <b>IT3</b> /Indice IT3 BBC/Omega 3 index <b>BBC</b>                                              | 3.7         | 4.1       | -          | Unité                  |
| RFV/Valeur fourragère USDA/Relative feed value <b>USDA</b>                                       | -           | -         | -          | 120 Unité              |