



Cattle protein products

At W.E. Jameson we supply a full range of protein pellets and blends. Some are suitable for only feeding to cattle and some can be used for both sheep & cattle: -

- Intensive cattle-pro 34% (5% urea) + Actisaf yeast – cattle only
- Intensive cattle-pro gold 32% + Actisaf yeast – cattle only
- Cattle-pro 48% (5% urea) + Actisaf yeast – cattle only
- Cattle-pro 30% + 5% acidbuf – cattle only
- Stock-pro 38% (unmineralized) – suitable for sheep
- Stock-pro 40% meal - suitable for sheep
- Cattle-pro 60% meal + biosaf yeast - cattle only

Our protein products provide maximum flexibility and convenience for home mixing. Our range of protein supplements covers a variety of protein sources from natural sources such as Hi-Pro soya to urea. We offer products that can be fed at different inclusion levels to suit any scenario. Typical inclusion levels are 10-25% depending on the desired protein level of the overall ration. You can also choose products that contain vitamin and mineral supplementation which compensates for the poor mineral and vitamin profile of cereals. Some of our products contain yeast or acidbuf to help achieve rumen stability.

Feeding beef cattle

Growing rations should be high in protein and have a good level of energy to promote growth. Protein concentration of the diet will be dictated by maturity of the breed, for example early maturers will need a higher protein level than late maturing animals. Inclusion of protein pellets into rations for growing cattle will promote lean tissue growth and body frame.

Finishing cattle require rapid live weight gain. High starch levels will promote fast gain and efficient feed conversion. High starch levels will also result in a good level of finish. Protein content can be lowered for finishing animals. When fed concentrates, animals will have more efficient feed conversion when they have access to forage to promote rumination and a healthy gut. Rumen stability can also be improved by the inclusion of yeast or acidbuf.





Disclaimer

Rations should be carefully balanced in terms of nutrient content. They should contain sufficient forage to maintain rumen function and be fortified with an appropriate vitamin and mineral supplement on farms where this is needed. Animals must have constant access to clean water. Suggested feeding rates are produced as a guide only and many other factors may have an overriding effect on animal response; no performance guarantee can be given. Ingredients are generally as in the table, but are subject to change.





Intensive cattle-pro 34% (5% urea) + Actisaf yeast (cattle only)

Ingredients

| Typical Ingredients | Metabolizable Energy | Crude protein | Benefits / Reason for use |
|------------------------|--|-------------------|--|
| Rapeseed meal | 12.1 | 38.5 | A good source of high quality protein includes both rumen by-pass and rumen degraded protein. |
| Wheatfeed | 11.7 | 18.0 | Useful source of starch. Balanced supply of readily digestible fibre, protein and starch. |
| Malt residuals | 11.6 | 24.5 | A good source of fibre, whilst maintaining reasonable levels of energy and protein. |
| Palm kernal | 12.5 | 17.0 | Very high oil. A rich source of digestible fibre. Good supply of non-starch digestible fibre energy. Allows energy intakes to be maximized without increasing the risk of acidosis associated with cereal feeding. |
| Calcium carbonate | | | A major source of supplementary calcium |
| Urea | | 295% (equivalent) | Works well combined with high energy ingredients, an economical source of rumen protein for older cattle. |
| Molasses | 11.3 | 5.4 | High in sugar making it very palatable. Used to bind the blend or pencil together. |
| Salt | | | Salt is included to promote saliva production which helps buffer acid in the rumen. |
| Vitamins & minerals | | | Well balanced vitamin & mineral supplement. |
| Fat mixer | | | A good source of energy |
| Actisaf Yeast | | | Helps to stabilize the rumen environment, creating the correct environment for rumen bugs. Helping to minimize the risks arising from acidosis. |
| Element | | | Reason for inclusion |
| Vitamin A | Needed for the stimulation of growth, including bone malformation and essential for eye function. | | |
| Vitamin D ₃ | Essential for bone formation and hence growth, involved with calcium and phosphorous absorption. | | |
| Vitamin E | Antioxidant working closely with Selenium to promote a healthy immune system. | | |
| Selenium | An antioxidant plays a vital role in immunity. Benefits healthy growth. Protects muscles from degeneration. | | |
| Copper | Essential for bone formation, cardiac function and immunity. | | |
| Magnesium | Essential for growth, repair of body tissue and bone development. Needed for enzymes, muscle and nerve function. | | |
| Phosphorous | One of the most important elements being involved with energy production, bone and teeth formation and appetite. | | |





Intensive cattle-pro gold 32% + yeast (cattle only)

Ingredients

| Typical Ingredients | Metabolizable Energy | Crude protein | Benefits / Reason for use |
|---------------------------|--|---------------|---|
| EU distillers | 13.8 | 34.0 | Intakes of other less palatable feeds can be stimulated. Good sources of energy and protein. Can stimulate rumen activity, encourages fibre digestion and feed efficiency. Allows energy intakes to be increased without increasing the risk of acidosis associated with high starch feeds. |
| Hipro (high protein) soya | 13.6 | 55.0 | High levels of DUP. Provides the building blocks to drive lean tissue growth. |
| Rapeseed meal | 12.1 | 38.5 | A good source of high quality protein includes both rumen by-pass and rumen degraded protein. |
| Calcium carbonate | | | A major source of supplementary calcium |
| Molasses | 11.3 | 5.4 | High in sugar making it very palatable. Used to bind the blend or pencil together. |
| Vitamins & minerals | | | Well balanced vitamin & mineral supplement. |
| Actisaf Yeast | | | Helps to stabilize the rumen environment, creating the correct environment for rumen bugs. Helping to minimize the risks arising from acidosis. |
| Element | | | Reason for inclusion |
| Vitamin A | Needed for the stimulation of growth, including bone malformation and essential for eye function. | | |
| Vitamin D ₃ | Essential for bone formation and hence growth, involved with calcium and phosphorous absorption. | | |
| Vitamin E | Antioxidant working closely with Selenium to promote a healthy immune system. | | |
| Selenium | An antioxidant plays a vital role in immunity. Benefits healthy growth. Protects muscles from degeneration. | | |
| Copper | Essential for bone formation, cardiac function and immunity. | | |
| Magnesium | Essential for growth, repair of body tissue and bone development. Needed for enzymes, muscle and nerve function. | | |
| Phosphorous | One of the most important elements being involved with energy production, bone and teeth formation and appetite. | | |





Intensive cattle-pro 48% (5% urea) + yeast (cattle only)

Ingredients

| Typical Ingredients | Metabolizable Energy | Crude protein | Benefits / Reason for use |
|---------------------------|--|--------------------|---|
| Hipro (high protein) soya | 13.6 | 55.0 | High levels of bypass protein, also good energy levels and very palatable. |
| Rapeseed meal | 12.1 | 38.5 | A good source of high quality protein includes both rumen by-pass and rumen degraded protein. |
| Calcium carbonate | | | A major source of supplementary calcium |
| Molasses | 11.3 | 5.4 | High in sugar making it very palatable. Used to bind the blend or pencil together. |
| Salt | | | Salt is included to promote saliva production which helps buffer acid in the rumen. |
| Urea | 0 | 295% (equiv alent) | Works well combined with high energy ingredients, an economical source of rumen protein for older cattle. |
| Vitamins & minerals | | | Well balanced vitamin & mineral supplement. |
| Fat spray | | | A good source of energy. |
| Actisaf Yeast | | | Helps to stabilize the rumen environment, creating the correct environment for rumen bugs. Helping to minimize the risks arising from acidosis. |
| Element | | | Reason for inclusion |
| Vitamin A | Needed for the stimulation of growth, including bone malformation and essential for eye function. | | |
| Vitamin D ₃ | Essential for bone formation and hence growth, involved with calcium and phosphorous absorption. | | |
| Vitamin E | Antioxidant working closely with Selenium to promote a healthy immune system. | | |
| Selenium | An antioxidant plays a vital role in immunity. Benefits healthy growth. Protects muscles from degeneration. | | |
| Copper | Essential for bone formation, cardiac function and immunity. | | |
| Magnesium | Essential for growth, repair of body tissue and bone development. Needed for enzymes, muscle and nerve function. | | |
| Phosphorous | One of the most important elements being involved with energy production, bone and teeth formation and appetite. | | |





Cattle-pro 30% + 5% acidbuf (cattle only)

Ingredients

| Typical Ingredients | Metabolizable Energy | Crude protein | Benefits / Reason for use |
|---------------------------|--|---------------|---|
| Rapeseed meal | 12.1 | 38.5 | A good source of high quality protein includes both rumen by-pass and rumen degraded protein. |
| Hipro (high protein) soya | 13.6 | 55.0 | High levels of bypass protein, also good energy levels and very palatable. |
| EU distillers | 13.8 | 34.0 | Intakes of other less palatable feeds can be stimulated. Good sources of energy and protein. Can stimulate rumen activity, encourages fibre digestion and feed efficiency. Allows energy intakes to be increased without increasing the risk of acidosis associated with high starch feeds. |
| Molasses | 11.3 | 5.4 | High in sugar making it very palatable. Used to bind the blend or pencil together. |
| Calcium carbonate | | | A major source of supplementary calcium |
| Acid-buf | | | A highly effective rumen buffer and stabilizes pH for optimum rumen conditions. |
| Salt | | | Salt is included to promote saliva production which helps buffer acid in the rumen. |
| Vitamins & minerals | | | Well balanced vitamin & mineral supplement. |
| Fat mixer | | | A good source of energy |
| Element | | | Reason for inclusion |
| Vitamin A | Needed for the stimulation of growth, including bone malformation and essential for eye function. | | |
| Vitamin D ₃ | Essential for bone formation and hence growth, involved with calcium and phosphorous absorption. | | |
| Vitamin E | Antioxidant working closely with Selenium to promote a healthy immune system. | | |
| Selenium | An antioxidant plays a vital role in immunity. Benefits healthy growth. Protects muscles from degeneration. | | |
| Copper | Essential for bone formation, cardiac function and immunity. | | |
| Magnesium | Essential for growth, repair of body tissue and bone development. Needed for enzymes, muscle and nerve function. | | |
| Phosphorous | One of the most important elements being involved with energy production, bone and teeth formation and appetite. | | |





Stock-pro 38% (unmineralized) (suitable for sheep)

Ingredients

| Typical Ingredients | Metabolizable Energy | Crude protein | Benefits / Reason for use |
|---------------------------|----------------------|---------------|---|
| Hipro (high protein) soya | 13.6 | 55.0 | High levels of bypass protein, also good energy levels and very palatable. |
| EU distillers | 13.8 | 34.0 | Intakes of other less palatable feeds can be stimulated. Good sources of energy and protein. Can stimulate rumen activity, encourages fibre digestion and feed efficiency. Allows energy intakes to be increased without increasing the risk of acidosis associated with high starch feeds. |
| Rapeseed meal | 12.1 | 38.5 | A good source of high quality protein includes both rumen by-pass and rumen degraded protein. |
| Molasses | 11.3 | 5.4 | High in sugar making it very palatable. Used to bind the blend or pencil together. |





Stock-pro 40% meal (suitable for sheep)

Ingredients

| Typical Ingredients | Metabolizable Energy | Crude protein | Benefits / Reason for use |
|---------------------------|--|---------------|---|
| Hipro (high protein) soya | 13.6 | 55.0 | High levels of bypass protein, also good energy levels and very palatable. |
| Calcium carbonate | | | A major source of supplementary calcium |
| Flavour | | | Rape oil flavour added to increase palatability. |
| Molasses | 11.3 | 5.4 | High in sugar making it very palatable. Used to bind the blend or pencil together. |
| Salt | | | Salt is included to promote saliva production which helps buffer acid in the rumen. |
| Vitamins & minerals | | | Well balanced mineral supplement, excluding copper. |
| Dical phosphate | | | Supplementation of both calcium and phosphate. |
| Element | | | Reason for inclusion |
| Vitamin A | Needed for the stimulation of growth, including bone malformation and essential for eye function. | | |
| Vitamin D ₃ | Essential for bone formation and hence growth, involved with calcium and phosphorous absorption. | | |
| Vitamin E | Antioxidant working closely with Selenium to promote a healthy immune system. | | |
| Selenium | An antioxidant plays a vital role in immunity. Benefits healthy growth. Protects muscles from degeneration. | | |
| Copper | Essential for bone formation, cardiac function and immunity. | | |
| Magnesium | Essential for growth, repair of body tissue and bone development. Needed for enzymes, muscle and nerve function. | | |
| Phosphorous | One of the most important elements being involved with energy production, bone and teeth formation and appetite. | | |





Cattle-pro 60% meal + biosaf (cattle only)

Ingredients

| Typical Ingredients | Metabolizable Energy | Crude protein | Benefits / Reason for use |
|---------------------------|--|-------------------|---|
| Hipro (high protein) soya | 13.6 | 55.0 | High levels of bypass protein, also good energy levels and very palatable. |
| EU distillers | 13.8 | 34.0 | Intakes of other less palatable feeds can be stimulated. Good sources of energy and protein. Can stimulate rumen activity, encourages fibre digestion and feed efficiency. Allows energy intakes to be increased without increasing the risk of acidosis associated with high starch feeds. |
| Urea | 0 | 295% (equivalent) | Works well combined with high energy ingredients, an economical source of rumen protein for older cattle. |
| Calcium carbonate | | | A major source of supplementary calcium |
| Flavour | | | Rape oil flavour added to increase palatability. |
| Molasses | 11.3 | 5.4 | High in sugar making it very palatable. Used to bind the blend or pencil together. |
| Dical phosphate | | | Supplementation of both calcium and phosphate. |
| Salt | | | Salt is included to promote saliva production which helps buffer acid in the rumen. |
| Vitamins & minerals | | | Well balanced vitamin & mineral supplement. |
| Yeast | | | Helps to stabilize the rumen environment, creating the correct environment for rumen bugs. Helping to minimize the risks arising from acidosis. |
| Element | | | Reason for inclusion |
| Vitamin A | Needed for the stimulation of growth, including bone malformation and essential for eye function. | | |
| Vitamin D ₃ | Essential for bone formation and hence growth, involved with calcium and phosphorous absorption. | | |
| Vitamin E | Antioxidant working closely with Selenium to promote a healthy immune system. | | |
| Selenium | An antioxidant plays a vital role in immunity. Benefits healthy growth. Protects muscles from degeneration. | | |
| Copper | Essential for bone formation, cardiac function and immunity. | | |
| Magnesium | Essential for growth, repair of body tissue and bone development. Needed for enzymes, muscle and nerve function. | | |
| Phosphorous | One of the most important elements being involved with energy production, bone and teeth formation and appetite. | | |

