



Formulated with **Alltech**® Solutions



PROGRESSIVE, INNOVATIVE FEEDING SOLUTIONS

ELDORA, IA | DYERSVILLE, IA

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PROGRESSIVE, INNOVATIVE  
FEEDING SOLUTIONS



## Advanced Technology Solutions - 21<sup>st</sup> Century Nutrition for 21<sup>st</sup> Century Genetics

### WHO ARE WE?

US Feeds® is a progressive, innovative provider of feeding solutions. We are committed to improving animal health and performance - and our customers' bottom line - by producing a complete line of quality, consistent, and fully-traceable nutritional technologies including complete feeds, concentrates, premixes, minerals, liquid feeds and other animal health products.

### ACCESSIBILITY

With state-of-the-art, HACCP certified production facilities in Eldora and Dyersville, Iowa; plus a distribution network spanning 7 states and over 140 partners, US Feeds can meet the unique and changing needs of our customers. Our team of over 70 technical and sales professionals can assist with on-site business planning, technical training, financing and delivery assistance.

### INDUSTRY LEADER

We are passionate about our customers, our products and our future. That's why, in 2012, US Feeds partnered with Alltech®, a global leader in animal health and nutrition, backed by more than 35 years of research. US Feeds has developed the next generation in feeding technology - Advanced Technology Solutions - now available for all livestock species.

## What is Advanced Beef Technology?

US Feeds Advanced Beef Technology consists of feeding programs designed to address the challenges impacting modern beef production and profitability. We have aligned the overall nutrient profile with performance objectives using more than 35 years of research in animal health and nutrition. The goal is to give our customers an advantage in the competitive world marketplace.

At US Feeds, our approach involves looking at the entire production process – from feed to meat quality. Advanced feeding solutions improve production by optimizing performance, protecting your herd and your bottom line.



**US Feeds products are formulated with Alltech Solutions.**

In order to study the effects of nutrition on animal genetics, Alltech has steadily invested in Nutrigenomics research for the past decade, thereby allowing us to formulate premium nutritional solutions which maximize your animals' genetic potential.



# ADVANCED BEEF TECHNOLOGY FEEDING SOLUTIONS

| Nutrient             | Advantage Calving Mineral | Advantage Co-Product Calving Mineral | Advantage Cattle Mineral | Advantage Mag Mineral | Advantage Fescue Mineral | Advantage Forage Maximizer 80 | Advantage D&G Balancer | Advantage D&G Balancer 20 | Advantage D&G Balancer 30 | Advantage Opti-Grow 36 | Advantage Feedlot 40 | Advantage Creep 15 XP |
|----------------------|---------------------------|--------------------------------------|--------------------------|-----------------------|--------------------------|-------------------------------|------------------------|---------------------------|---------------------------|------------------------|----------------------|-----------------------|
| Crude Protein, min % | -                         | -                                    | -                        | -                     | -                        | 80.0                          | -                      | 20.0                      | 30.0                      | 36.0                   | 40.0                 | 15.0                  |
| Crude Fat, min %     | -                         | -                                    | -                        | -                     | -                        | 2.0                           | -                      | 4.2                       | 1.2                       | 1.6                    | 1.5                  | 3.0                   |
| Crude Fiber, max %   | -                         | -                                    | -                        | -                     | -                        | 3.0                           | -                      | 5.0                       | 5.0                       | 8.0                    | 7.0                  | 19.0                  |
| Calcium, min %       | 11.0                      | 18.5                                 | 12.2                     | 10.1                  | 12.2                     | 5.7                           | 13.3                   | 13.3                      | 13.3                      | 4.4                    | 7.9                  | 0.7                   |
| Calcium, max. %      | 13.2                      | 22.2                                 | 14.6                     | 12.1                  | 14.6                     | 6.8                           | 15.9                   | 15.9                      | 15.9                      | 5.4                    | 9.3                  | 1.2                   |
| Phosphorus, %        | 7.0                       | -                                    | 7.0                      | 6.0                   | 7.0                      | 2.5                           | 0.5                    | 0.4                       | 0.4                       | 0.6                    | 0.5                  | 0.6                   |
| Salt, min %          | 20.1                      | 18.5                                 | 20.1                     | 20.1                  | 20.2                     | 11.0                          | 5.7                    | 5.2                       | 5.2                       | 3.5                    | 3.5                  | 0.7                   |
| Salt, max %          | 24.1                      | 22.2                                 | 24.1                     | 24.1                  | 24.2                     | 13.2                          | 6.8                    | 6.2                       | 6.2                       | 4.5                    | 4.5                  | 1.2                   |
| Magnesium %          | 2.0                       | 7.0                                  | 2.0                      | 10.0                  | 2.0                      | -                             | 1.0                    | 1.0                       | 1.0                       | 0.8                    | 0.8                  | -                     |
| Potassium %          | 2.0                       | -                                    | 2.0                      | -                     | 2.0                      | 1.5                           | 0.6                    | 0.6                       | 0.6                       | 2.0                    | 3.0                  | 1.0                   |
| Copper, ppm          | 1,000                     | 1,000                                | 1,000                    | 1,000                 | 1,000                    | -                             | 340                    | 340                       | 340                       | 250                    | 250                  | -                     |
| Iodine, ppm          | 132                       | 132                                  | 132                      | 132                   | 132                      | -                             | 45                     | 45                        | 45                        | -                      | -                    | -                     |
| Manganese, ppm       | 2,200                     | 2,200                                | 2,200                    | 2,200                 | 2,200                    | -                             | 645                    | 645                       | 645                       | -                      | -                    | -                     |
| Selenium, ppm        | 25.50                     | 25.50                                | 25.50                    | 25.50                 | 25.50                    | 15                            | 8.70                   | 8.70                      | 8.70                      | 6.50                   | 6.50                 | -                     |
| Zinc, ppm            | 3,500                     | 3,500                                | 3,500                    | 3,500                 | 3,500                    | 2,200                         | 1,200                  | 1,200                     | 1,200                     | 910                    | 910                  | -                     |
| Vitamin A, IU/lb     | 400,000                   | 400,000                              | 150,000                  | 150,000               | 200,000                  | 120,000                       | 60,000                 | 60,000                    | 60,000                    | 45,000                 | 45,000               | 4,000                 |
| Vitamin D3, IU/lb    | 20,000                    | 20,000                               | 15,000                   | 15,000                | 20,000                   | -                             | 6,000                  | 6,000                     | 6,000                     | 4,500                  | 4,500                | -                     |
| Vitamin E, IU/lb     | 2,000                     | 2,000                                | 500                      | 150                   | 500                      | 80                            | 90                     | 90                        | 90                        | 60                     | 60                   | -                     |

## Advantage Calving Mineral

A specialized mineral product targeting the critical period for 45 days before calving to 45 days post calving or until grass turn-out. Advantage Calving Mineral contains a special blend of ingredients that enhance colostrum quality and can assist in reducing the bacterial load in the environment. A mix of macro and micro trace minerals, vitamins and is fortified with micro-nutrients known to enhance genetic expression.

## Advantage Co-Product Calving Mineral

Designed with the same critical nutrients as Advantage Calving Mineral but with a macro mineral profile to match the needs of cows fed high levels of corn by-products. Offer free choice or feed in a TMR at least 45 days prior to calving until grass turn-out.

## Advantage Cattle Mineral

For year round use except for 45 days prior to and during calving to provide nutrigenomics benefits in cattle. It is highly fortified with trace minerals (both organic and inorganic) and vitamins that fit the requirements of cattle in the Midwest.

Options: Advantage Cattle Mineral CTC 2800 and Advantage CTC 2800/IGR

## Advantage Mag Mineral

Designed for use when grazing highly fertilized or lush, green pastures. Contains a high level of magnesium in a palatable formulation to help prevent grass tetany. Fortified with essential trace minerals and vitamins to ensure health and performance of your cattle.

## Advantage Fescue Mineral

This product is formulated with toxin binding ingredients and unique levels of trace minerals from organic sources specifically designed to enhance performance of cattle grazing fescue grass.

Options: Advantage Fescue Mineral CTC 2800 and Advantage Fescue Mineral CTC 2800/IGR

## Advantage Forage Maximizer 80

A protein and mineral product that should be formulated into a well balanced diet. It is ideal for cows grazing corn stalks and/or low protein, low quality forages. Protein is in the form of protected nitrogen that is released steadily over time in the rumen to enhance microbial protein production and fiber digestion.

## Advantage Creep 15 XP

A high quality, nutrient dense creep feed designed to feed calves on pasture while nursing and grazing. Fed from 90 days of age to weaning, Advantage Creep is a carefully formulated combination of energy and proteins that includes essential vitamins and minerals. This palatable formula will insure that calves get started early and maintain consumption.

Options: Advantage Creep 15 XP BV/AUR and Advantage Creep 15 XP BV/AUR/IGR

## Advantage Sweetubs

Sweetubs are sturdy, weatherproof, non-returnable plastic tubs filled with 200 pounds of highly palatable, low moisture cattle supplement containing no chemical hardeners, binders or salt. Each contains a full circle of nutrients, formulated to feed full time, free choice to cattle on pasture or roughage based rations.

Options: 22 Sweetub, 30 Sweetub, 20 Sweetub, Mag Sweetub, Booster Sweetub, Mineral Sweetub (available with IGR) and ReCharge Sweetub

## Corn Stalk Maximizer

A product for producers who are short on hay and want to feed corn stalks, with questionable forage quality, who want to maintain body condition on low cost forages through winter, who want to improve colostrum quality or who want to maximize calf health at birth. Corn Stalk Maximizer is to be used in brood cow diets, with corn stalks mixed in a TMR. It can also be used in a bunk mix where free choice corn stalks are being offered.

## Advantage D&G Balancer

A pelleted feedlot supplement with a target intake of 0.75 lb/hd/day, it is designed to supplement feedlot diets based on distiller's grains and/or gluten feed where additional supplemental protein may not be necessary.

Options: Advantage D&G Balancer RM 650, Advantage D&G Balancer BV 750, Advantage D&G Balancer GP 48, Advantage D&G Balancer RM 650 3H and Advantage D&G Balancer RM 650 4H

## Advantage D&G Balancer 20

A pelleted feedlot supplement with a target intake of 0.75 lb/hd/day, it is designed to supplement feedlot diets that use moderate levels of distiller's grains and/or gluten feed where additional supplemental protein is needed to optimize performance.

Options: Advantage D&G Balancer 20 RM 650, Advantage D&G Balancer 20 BV 750 and Advantage D&G Balancer 20 GP 48

## Advantage D&G Balancer 30

A pelleted feedlot supplement with a target intake of 0.75 lb/hd/day, it is designed to supplement feedlot diets with moderate levels of distiller's grains and/or gluten feed where additional supplemental protein is needed to optimize performance.

Options: Advantage D&G Balancer 30 RM 650, Advantage D&G Balancer 30 BV 750 and Advantage D&G Balancer 30 GP 48

## Advantage Opti-Grow 36

A pelleted feedlot supplement designed for growing and backgrounding rations. It acts like an all-natural protein supplement while utilizing a controlled release non-protein nitrogen source that mimics the nitrogen release of soybean meal while improving microbial protein supply in the rumen. It is fully fortified with micro nutrients and vitamins.

Options: Advantage Opti-Grow 36 RM 400, Advantage Opti-Grow 36 BV 500 and Advantage Opti-Grow 36 GP 36

## Advantage Feedlot 40

A pelleted feedlot supplement designed for finishing cattle rations. It is fully fortified with micro nutrients and vitamins.

Options: Advantage Feedlot 40 RM 500, Advantage Feedlot 40 BV 600 and Advantage Feedlot 40 GP 36

## ReCharge

ReCharge starters are engineered with nutritional technology to keep cattle healthy and establish a solid foundation to allow them to perform to their potential throughout the feeding period. ReCharge products have been developed to focus on the immunity of the calf to develop optimum rumen function, and to ensure the safety of the calf's diet to minimize risk of digestive disturbances and acidosis.

Options: ReCharge 1X, ReCharge 2X and ReCharge Supplement