

BOVINE COLOSTRUM

(Dry Powder)

Brookside Bovine Colostrum Powder is a concentrated, specially processed, dry form of colostrum, which may be given to calves, pigs, dogs, and cats.

WHAT IT DOES:

Brookside Bovine Colostrum Powder provides the three main classes of immunoglobulins found in colostrum which are important to the future health and growth of the young animal.

IgG in bovine serum is in the highest concentration and is involved in antibody mediated responses. It plays an important role in protecting neonates against septicemia, pneumonia, and other infectious pathogens.

IgM is the second highest concentration and is confined to the vascular system. (Due to it's larger particle size). It is involved in the primary immune response.

IgA is the surface protector that coats the intestinal wall due to it's resistance to proteolytic enzymes. It helps prevent entry of harmful pathogens and disease to the blood stream.

The first milk produced by the mother, and taken in by the newborn is high in immunoglobulins which help protect the young animal from a wide variety of problems found in it's new environment. Often times, the source of colostrum, (mothers first milk) is inadequate to give the needed protection for these reasons;

- The total number of full term pregnancies. Older mothers concentrate more immunoglobulins with each parturition.
- Time of ingesting of colostrum. The concentration of immunoglobulins in colostrum peaks at parturition, then drops rapidly. Also, the young animal is unable to absorb immunoglobulins as well, usually after the first 24 hours of life.
- The practice of pre milking performed before parturition. The newborn absorbs immunoglobulins in the small intestine by a process called micropinocytosis (cell drinking) during the first 24 + hours of life.

Brookside Bovine Colostrum Powder offers an extra source of high quality and quantity

colostrum for the young animals during periods as described above.

Brookside Bovine Colostrum Powder contains immunoglobulins which are effective against specific pathogens such as E.coli., Salmonella dublin, Brucella abortus, IBR, Clostridium perfringes, and Hemophilis sommus.

PRODUCT SPECIFICATIONS:

Composition

Moisture.....	7.0%
Fat.....	25.0%
Total Immunoglobulins.....	15.0%

Microbiology

Standard Plate Count (Min.)	10,000 CFU/gm.
Coloiforms(Max.)	10 CFU/gm.
Yeast and Mold(Max.)	20 CFU/gm.
Salmonella SP	Negative
S. Aureus	10 CFU/gm.

Maximum Exposure Temperature 140 deg. F

PACKAGING: 50 pound or 25 kg. drums.

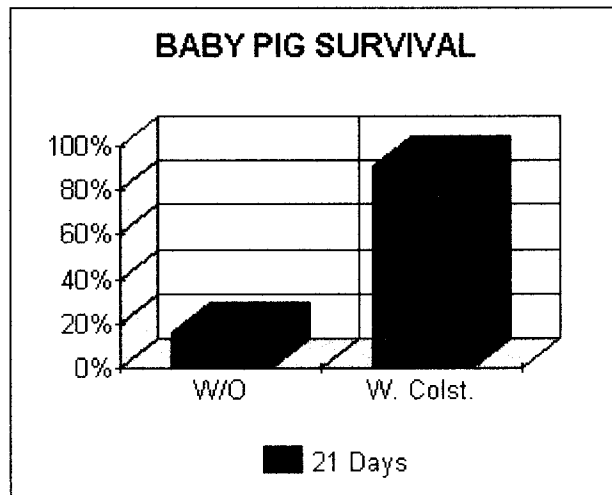
Brookside Bovine Colostrum Powder may be mixed in a liquid suspension, milk replacer, or in the regular drinking water, for forced or selective intake. It may also be mixed in a dry food diet when consumption begins.

Brookside Bovine Colostrum Powder should be used when the mothers milk flow is insufficient to meet the colostrum needs of the young, and as as a supplemdntal source of colostrum to help prevent the effects of stress factors such as diarrhea or disease.

Brookside Bovine Colostrum Immugloblobulins are produced from pure bovine colostrum which is collected from numerous dairy farms which meet our rigid specifications of herd health. The raw colostrum from these operations is then blended together which offers you, the user a very broad spectrum on immunogoblins in a spray dreid form.

RESULTS:

Although the most common use of Colostrum is on baby calves, these field trial results demonstrate it's success when used on orphaned baby pigs. The treated pigs were given 10 gm./ Kg. body weight of Colostrum on day one. On days 2 thru 10 they received 2 gm./ Kg. body weight. For days 10 thru 21 the pigs were given a regular milk replacer and started on a dry feed diet.



91% survival rate vs. 16% survival, demonstrates the success of Colostrum on baby pigs very well.

FOR THE BEST IN DRY COLOSTRUM POWDER--

USE

**BROOKSIDE AGRA BOVINE COLOSTRUM
POWDER.**

A Product of

Brookside Agra L.C.
2768 Troxler Way
Highland, IL. 62249 U.S.A.
Ph. 618-654-2440
Fax 618-654-2135

email: brookside-usa@brookside-agra.com

Copyright © 2006 Brookside Agra L.C., All Rights Reserved.