

SICALG Feedgrade

Called **KORRE** in Brittany, the algae *Ascophyllum nodosum* is traditionally used in animal feeding because it constitutes an excellent food complement.

1. COMPOSITION

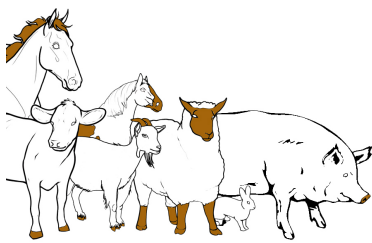
Organic matters	(% on dry material)
Alginic acids	20 to 25
Mineral matters	27 to 30
Organic matters	70 to 73
Cellulosic matters	7 to 9
Protein matters	13 to 14
Fatty matters	3,5 to 4
Fucoidine	12 to 14
Laminarine	3 to 7
Mannitol	6 to 12
Mineral matters	(% on dry material)
Calcium	1,5 to 2
Sodium	4 to 6
Potassium	3 to 5
Sulphur	1 to 2
Chlorine	3 to 7
Magnesium	0,5 to 9
Phosphorus	0,05 to 0,10
Trace Elements	
Manganese	100 to 150 ppm
Iodine	600 to 1,000 ppm
Zinc	60 to 100 ppm
Copper	2 to 4 ppm
Iron	500 to 700 ppm

The figures mentioned above are averages. The content of seaweed elements varies with their degree of maturity and with the seasons.

SICALG, thanks to all its components, allows to optimize **vitality** and **quality** of the animals.

2. ADVANTAGES AND USING RECOMMENDATIONS

Animal	Measuring out	Advantages
CATTLE	1 to 2 % (# 300 g/head/day) when calving, bring the dose down to 50 to 100 g per head and per day	-> Used 8 to 12 weeks before calving, Sicalg limits milk fevers -> Limits dietary deficiencies that lead to abortions -> Improves the dairy production -> Optimizes the iodine content in milk -> Limits the frequency of mammary inflammations



**PRODUCT INFO
& DATASHEET**

PIGLET	0,1 to 0,5 % in order to limit stress when weaning, use Sicalg at the dose 50 g/day 8 days before weaning and for 5 weeks	-> Improves intestinal transit time -> Better vigour and sturdiness -> Limits some locomotive troubles
SOW	0,5 to 1 % to limit stress when weaning and well prepare the covering, use Sicalg at the dose of 50 g/day, 8 days before weaning and for 5 weeks.	-> Improves intestinal transit time -> Better dropping -> Limits some locomotive troubles
OVINE	1 to 2 % (30 to 50 g/head/day)	-> Improves the wool production -> Better fertility -> Optimizes the lamb growth rate -> Decreases muscular diseases and weight loss when gestation
POULTRY FARMING	0,5 % from the 20th to the 60th week	-> Improves the iodine content in eggs -> Increases the number of laid eggs -> Optimizes the sturdiness of egg shells -> Improves the vitality and the growth of flesh chickens

It is recommended to let time to the animals to get accustomed to **SICALG**. Therefore, at first, you can begin with 20 g a day, and then increase the dose for 3 to 4 weeks.

**SICALG TEST
"REPRO HENS"**

1) LENGTH OF THE TEST

44 Weeks of treatment from the 22nd week to the 64th week

2) ORGANIZATION OF THE TEST

Number of laying hens: 28904 hens in 4 homogeneous hen houses

Product tested : SICALG mixed with the food at 0,5 %

3) OBSERVATIONS

Number of laid eggs

4) RESULTS

5) COMMENTS

With a feeding overcost of FRF 0,55 maxi per hen, due to algae, and a sales price at FRF 0,90 one piece (when the test was on) the economical profit is up **FRF 4,71 per hen**.

Following to these goods results, and at the same time as the study of the rise of the number of laid eggs, the expansion of the treatment to all the hen houses (40000 hens) will allow to follow the number of sold chicks, parameters that can only be studied on the whole henhouse.