



Carrot Co-Product

A quality high protein and energy stockfeed



12-20%
Dry matter



4-12%
Protein



6%
Oil



38%
NDF



14
ME (mj/kg)



1%
Starch

*Indicative

Available in:

BULK

**SELECTED
REGIONS**

Carrots are a Co-Product which is rich in soluble sugar energy and very palatable.

Suitable for:



Carrot Co-Product

Studies have shown feeding high-yielding cows with a diet containing 10 kg of fresh carrots resulted in a significant improvement in reproductive performance: a decrease in the interval between calving and the first successful insemination (from 167-185 days to 110-171 days) and a decrease in the number of inseminations necessary for

conception (from 1.8-2.7 to 1.0-1.8), thus increasing the calving rate (from 84.5 to 92%).

The dry matter contains up to 60% sugars, mostly sucrose, which makes carrots both highly digestible and palatable. Because of their high carbohydrate content, carrots can be considered as an energy feed. Protein content is low (4-12% DM) and they

contain moderate amounts of fibre (<10% ADF) They are typically fed fresh and are available whole or chopped and pomace form.

Withholding period: Nil

Good quality freshwater should be available at all times. To discuss feeding levels further please call the Castlegate James team on **0800 673 333**.



Feeding guide

Dairy and Beef: Carrot is only suitable for ad-lib feeding when CJNZ guidelines are followed.

Dairy cows and young bulls may be fed up to 25 kg and 20 kg fresh carrots a day respectively. Steers could be fed up to 40% of the diet DM as carrots without deleterious effects. Due to their high content of fermentable sugars, fresh carrots should be combined with fibrous feeds to prevent acidosis, and should be introduced progressively in the diet (8-10 days).

The mixture of carrots and concentrate feed should not exceed 50% of the diet DM.

Sheep: Carrots are a good feed for ewes and can be used similarly to fodder beet. Fresh carrots fed at 27% of the DMI (3.3 kg/d during the last month of gestation and 5 kg/d during lactation) were well accepted by gestating and lactating ewes. It was also possible to increase the inclusion level up to 80% in ewes at maintenance. However, dietary protein should be monitored.

Availability

Carrot Season April-Sept supply is at the discretion of CJNZ and availability. This is a Co-Product so it is seasonal and viable only when factory is running.

Additional notes

This information should be used as a general guide only. Please consult with your nutritional advisor to determine the appropriate needs for your animals.

This product does not contain restricted animal material and is safe for lactating animals.

All information is presented in good faith and to the best of our knowledge and resources; however variation in values and outcomes of feeding this product may occur.