

Ease and convenience of energy addition

In striving to increase the energy density of a ration the physical size of the rumen ultimately prohibits the amount of solid feed that the animal can consume. A liquid feed however overcomes this problem as the liquid fills the spaces between the fibres and other ingredients in the ration, thereby leaving more room for home produced forage. This is exemplified in the pictures below. Picture 1 shows a full jar of silage (representing a full rumen), solid feed and liquid supplement. The liquid supplement and solid feed are nutritionally the same, providing the same amount of energy and dry matter. Picture 2 shows the jar when additional energy is added to the ration in the form of solid feed. It simply does not physically fit into the rumen, shown by the overflowed jar. Picture 3 shows the addition of the liquid supplement which fits easily into the jar and represents a very effective way of increasing the energy density of the ration.



Picture 1



Picture 2



Picture 3

QLF Energizers

QLF Energizers offer an easy and convenient way to add energy to your TMR and increase the energy density of the ration by more than the addition of palm flake. This is shown in the graph below which compares the MJ supplied by QLF Energizer 5:19 with that supplied by palm flake when fed at their standard feeding rates (0.3 kg / head palm flake, 1.5 kg / head QLF Energizer 5-19). The liquid provides more MJ as fed and does not displace any solid feed thus increasing the energy density of the ration.

