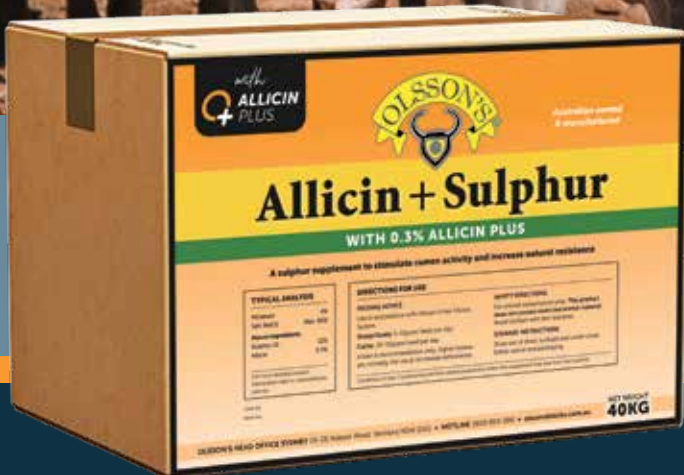
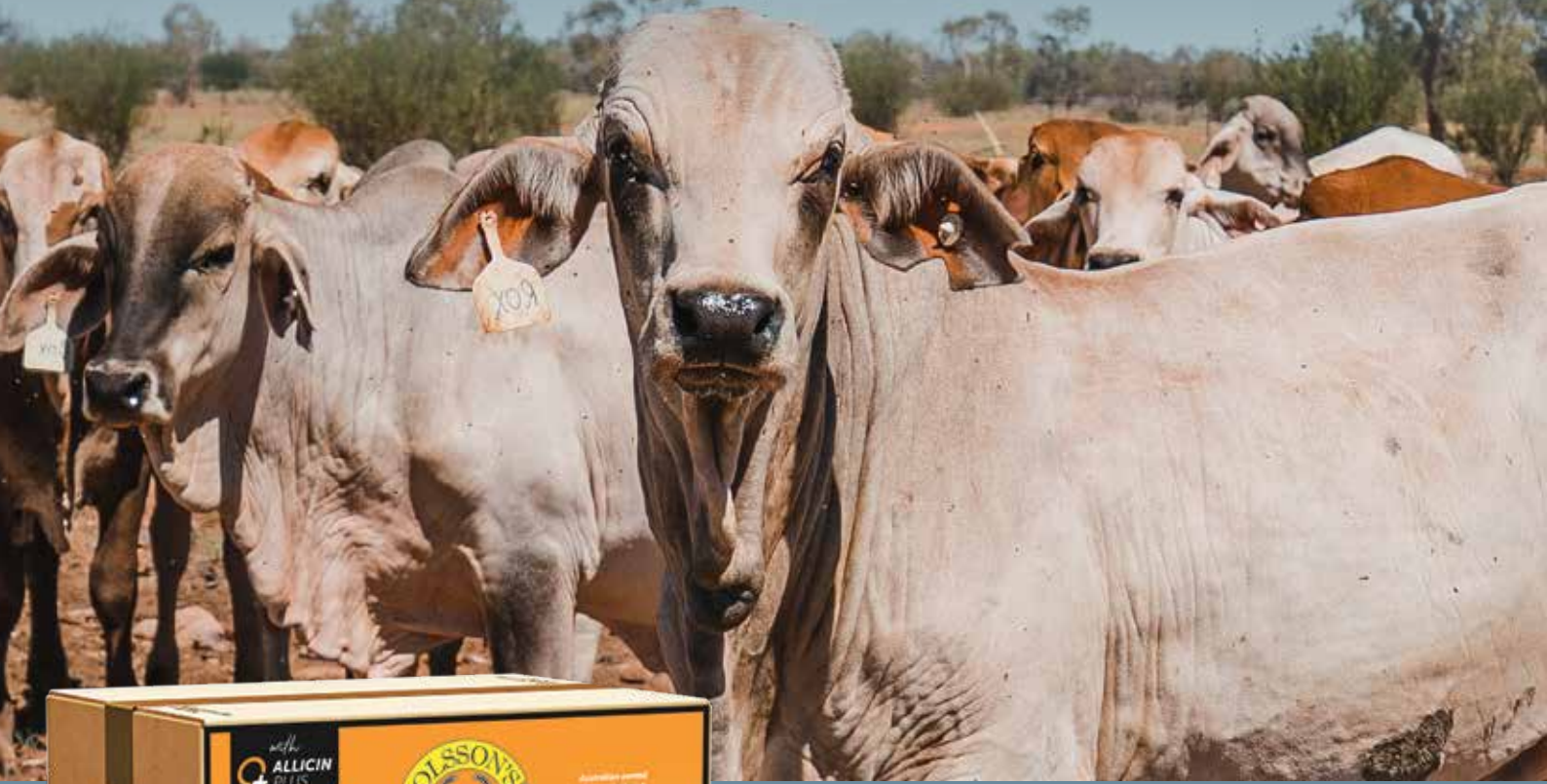




SULPHUR BLOCK WITH

**ALLICIN PLUS**



*Naturally repels flies & ticks on livestock while providing essential nutrients.*



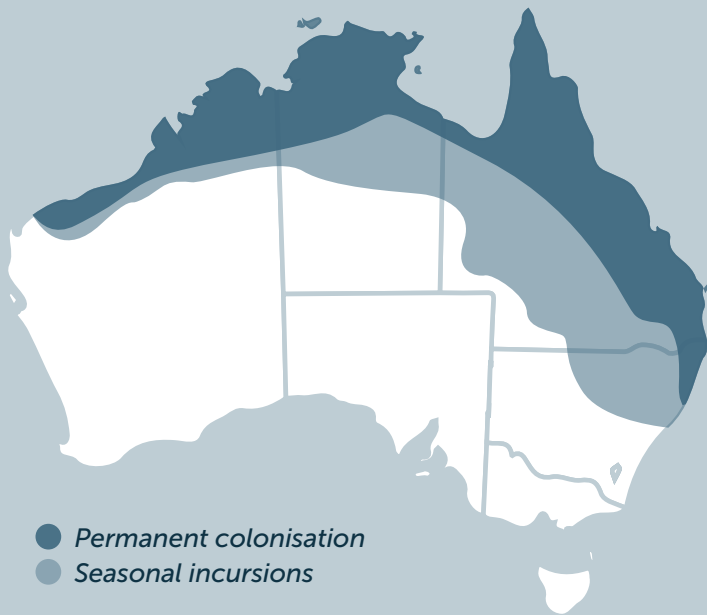
***“Unfortunately, fly resistance to some insecticides has developed. Chemical use also increases the risk of residues in meat and milk for both the domestic and export markets. An integrated control program using non-chemical control methods in conjunction with tactical chemical treatments only if required is now recommended.”***

2011. Recommendations for integrated buffalo fly control. Revised Edition. [ebook]  
North Sydney: Meat and Livestock Australia. Available at: <<http://www.mla.com.au>>.





## The distribution of buffalo flies in Australia



## The environmental and economic cost of flies and ticks

*Flies & ticks are serious pests in ruminant production. They cause financial loss by affecting the health and comfort of animals, as well as reducing feed intake. This can impact weight gains & milk production.*

*Flies can transmit highly contagious diseases to both animals and humans. Generally fly bites cause annoyance to cattle, resulting in reduced feed conversion efficiency. This may be due to increased energy demands caused by fly attack, and energy loss or infection due to irritation.*

*MLA reports that "buffalo fly costs producers up to \$30 per head each year in lost production if cattle are not effectively treated.... The total animal cost of this pest to the industry was estimated to be \$78 million in 2006".*

*In order to treat this issue many producers use chemical (insecticide) options such as ear tags, pour ons and dips. However, resistance to conventional insecticides is a global problem. When pesticides are used on a large scale the most resistance specimens survive and pass on their genetic traits, leading to whole populations of insects resistant to a once effective form of insecticide. This has led to a renewed interest in natural pesticides and insect deterrents.*

# **ALLICIN PLUS**

SUPPLEMENTATION



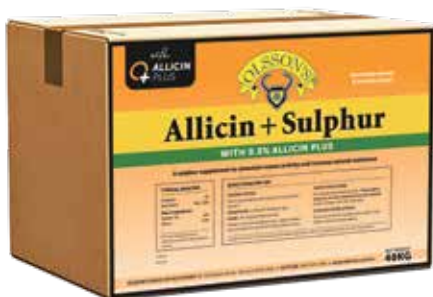
# What is Allicin Plus?

Allicin is a natural compound extracted from garlic. The compound is formed naturally when garlic is crushed, and is part of the plant's defense mechanism against insects and other pests. When ingested by livestock allicin is excreted through the animal's breath and skin, assisting in the reduction of fly, tick and lice burden.

We have stabilised the allicin compound by combining other natural ingredients and added it to our Allicin + Sulphur block, creating a supplement with a wide range of benefits. These benefits include encouraging optimal microbial growth and ammonia balance, deriving essential nutrients from dry and fibrous feeds, and helping repel flies, ticks and lice.

In many cases producers are feeding a sulphur supplement, a urea supplement, and as well as drenching. And while drenches are effective, they are not a long term solution. Over time the insect populations build resistance to the chemicals. Another common alternative is a essential oil formation, however this offers limited assistance.

Our Allicin + Sulphur block eliminates the need for separate supplementation and drenching programs, while providing an effective, natural and ongoing solution to fly, tick and lice burden.



## ALLICIN + SULPHUR

Available in 20, 40, 100 & 125kg blocks.



Olsson's Allicin + Sulphur block helps reduce fly, tick and lice burden. It also provides sulphur & nutrients to encourage optimal microbial growth & ammonia balance.

Allicin + Sulphur block provides an effective, natural and ongoing solution to fly, tick and lice burden. In trials, our formulation has reduced the burden to less than 100 flies per animal (the threshold to drench).

For optimal health & performance, use in conjunction with Olsson's Free Choice System (page 7).

**Patent pending.**

DIRECTIONS FOR USE	TYPICAL ANALYSIS			
<p><b>Sheep/Goats:</b> 5-10g per head per day</p> <p><b>Cattle/Horses:</b> Ad lib (typically 30-50g per head per day)</p>	Molasses	4%	Sulphur (S)	12%
	Salt (NaCl)	Max. 80%	Allicin	0.3%

# TRIAL BLOCK

## TESTIMONIALS

*"The trial paddock, after week 3, was free of buffalo fly, while the control paddock had a very heavy burden of fly."*

**Adam Coffey,  
MIRIAM VALE**

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*"There was a reduction in fly burden by approximately 85% percent by week 4 of the trial."*

**John Scott,  
ROMA**

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*"I put the Allicin blocks in one paddock with no blocks as the control in a neighbouring paddock. When we started the trial, both had a lot of fly. I checked each day and found on the fifth day the cattle with the Allicin + Sulphur block were free of fly and the paddock without were still covered."*

**Adrian Phillips  
ANNABURROO STATION**



# FREE CHOICE

ALSO  
AVAILABLE

## SUPPLEMENTATION



## Why use Olsson's Free Choice Supplementation System?

***Olsson's Free Choice System places vital minerals in individual supplement blocks. By providing this system over a standard multi-nutrient block, the animal has the ability to choose and balance what they require. This ends up reducing consumption by up to 25% resulting in high quality, tailored supplementation at a competitive price.***

*Studies have found all ruminants need a source of protein (nitrogen), a source of sulphur, a source of trace elements, and for livestock in the North, a source of phosphorus in order to be at their most productive. We place these major minerals in individual supplement blocks, allowing the animals to choose which minerals they require as they require them. No time is wasted and deficiency is corrected quickly and effectively.*

*For more information call us on 1800 804 096 or visit our website [olssonsblocks.com.au](http://olssonsblocks.com.au).*





*HOTLINE 1800 804 096*  
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