

Non cyclers – what should farmers do?

“The easiest and most direct option to [get cows cycling] is a hormonal treatment based on the use of progesterone”.

DairyNZ reproductive specialist Chris Burke, Dairy Exporter, September 2011

DIB-Synch Plus - the advanced non cycling cow program

Use of a progesterone insert (such as DIB-V) within a non cycler treatment program is the most reliable and proven way to get cows cycling.

What is the payback?

Treating non-cycling cows at the planned start of mating provides a significant economic return to farmers³;

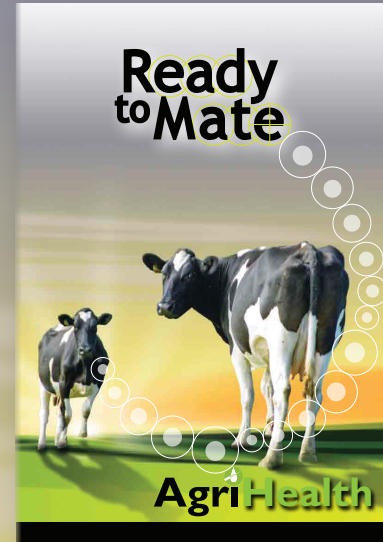
- More days in milk
- More compact calving spread
- More AB calves

The following table summarises the return on investment from treating non cycling cows at the start of mating:

	DIB-Synch Plus
Additional days in milk	18
Kg MS / day	1.5
\$ / kg MS	\$7.50
Additional Income	\$202

This is a partial budget analysis that excludes:

- 1) DIB-Synch Plus treatment and vet cost
- 2) Feed required for extra 18 days in milk
- 3) Additional income from extra AB calves
- 4) Value of reduced number of non-cycling cows next season



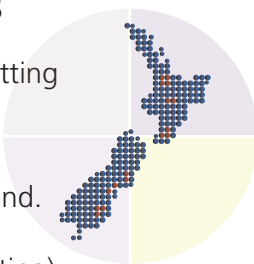
Advanced Non cycling cow treatment

DIB-Synch Plus



Proven on New Zealand commercial farms

- The DIB-Synch Plus program was proven effective in getting non-cycling cows in calf in a large Study¹ conducted in Spring 2010. This commercial trial was undertaken in 2,000 cows from 15 dairy herds right across New Zealand.
- Treating non-cycling cows early (at planned start of mating) leads to a more compact calving spread²
- Non cycling cows treated at planned start of mating got in calf earlier, resulting in 18 more days in milk compared with non treated herdmates.³



Advantages of the DIB-V progesterone insert

- Superior V-shape design
- More pliable silicon elastomer form
- Improvement in cow comfort reported by NZ dairy farmers⁴
- Significantly less pus at removal⁵
- Excellent retention rates⁶



Improved cow comfort

“When our non cyclers were treated with DIB-Vs, the cows were definitely less irritated. Also they defecated less at milking time. It was quite noticeable as we used some CIDRs at the same time.

We will be using DIB-Vs again, both in the main herd and the yearling heifers”

John Charlton, 320 cow herd, Cambridge



1. Shephard, R. Efficacy of inclusion of equine chorionic gonadotrophin into a treatment protocol for anoestrous dairy cows. NZVJ 2013.
2. McDougall, S., Compton C. Reproductive performance of anoestrous dairy cows. Journal of Dairy Science Vol 88, 2005, Page 2388.
3. McDougall, S. Effects of treatment of anoestrous dairy cows with gonadotropin releasing hormone, prostaglandin, and progesterone. Journal of Dairy Science Vol 95, No 5, 2010, Page 1944-59.

4. NZ dairy farmer market feedback Spring 2010-12. Data on file.
5. McDougall, S. Prevalance of vaginitis and degree of purulent material on two intravaginal progesterone releasing devices. DIB-V compared to CIDR. Data on file
6. Cutaia, L. Use of DIB inserts in maiden heifers and mixed aged cows. IRAC 2003.