



canterbury riccarton park • otago puddle alley, mosgiel

What Does the VetEquine Homebreed Service Entail?

Our **Homebreed** service allows you to make use of transportable chilled or frozen semen to breed your mare at home. The work is carried out and charged for on a per cycle basis.

The first cycle involves:

- ✓ a preliminary ultrasound examination
- ✓ a prostaglandin injection to bring the mare into season
- ✓ 2-3 follicle scans to ensure the correct timing of insemination
- ✓ a chorulon injection to promote ovulation
- ✓ artificial insemination
- ✓ a follow-up scan to confirm ovulation
- ✓ a 16 day pregnancy scan

The second cycle begins if the 16 day pregnancy scan is negative and is generally a repeat of the first cycle. If your mare has not conceived after 3 cycles we recommend investigative tests to determine the reason why.

This fee **does not** cover the following procedures:

- ✓ caslick operation
- ✓ opening caslick
- ✓ removal of twin embryo (if required)
- ✓ antibiotics
- ✓ anti-inflammatories
- ✓ any other diagnostic investigation or treatment that may be required

To cover the cost of travel to and from the farm a travel fee may apply depending on the location of your mare.

Dr Peter Gillespie BVSc MACVS • **Dr David Senior** BVSc and Associates

Riccarton Park Racecourse Road, Christchurch8042. **Postal Address:** VetEquine Canterbury, PO Box 16263, Christchurch, New Zealand.

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Otago Rapid 183 Puddle Alley, Mosgiel. **Postal Address:** VetEquine Otago, PO Box 22, Mosgiel, New Zealand.

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www.vetequine.co.nz

What is Required of You?

For a successful outcome we need your assistance.

- A solid crush located out of direct sunlight is required in order to make it easier and safer to work on the mare and more importantly to protect ourselves and our veterinary equipment. **This is an OSH issue as well as a requirement for our insurance company.** By not having a crush you increase the risk of rectal tears, which can be fatal. We have attached a crush plan showing the ideal dimensions.
- Power is required in order to operate our ultrasound scanner.
- A confident horse handler is a must at all times. Most horses tolerate rectal examination but the risk of the vet being hurt is greater with this procedure.
- Ensuring that the mare is in good physical condition is important. Mares that are fat are harder to get in foal, likewise mares that are underweight are slower to cycle.
- Let us know if the mare has had previous problems. These may need sorting out before we can get your mare in foal.

Timing

Mares that have recently foaled can be examined for rebreeding 7-8 days after foaling. Most mares will be in season at this time. Horses that ovulate 10 or more days after foaling should exhibit a normal conception rate, but mares that ovulate before this are best left to the following cycle. Most barren mares should start cycling in September – October.

Semen is collected on alternate days on most New Zealand studs and Monday, Wednesday, Friday in Australia. The semen must be ordered the previous day for New Zealand, and by 9am the same day for Australia. Australian semen takes 24 hours to ship.

Mares must be experiencing normal ovulatory cycles in order to become pregnant. If your mare is at the wrong stage in her cycle at the time of examination, we are able to alter her cycle. Some mares are slower than others to begin cycling at the start of the season; with these mares we usually have to wait until they begin cycling before we can start breeding.

With chilled semen, we expect on average 60-70% of mares to return a positive pregnancy test per cycle. This means that most normal mares bred to fertile stallions should be pregnant after 2 cycles. With frozen semen, we expect a lower fertility rate of 50% positive per cycle.

For any further queries or information please don't hesitate to contact us.

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Recommended Crush Design

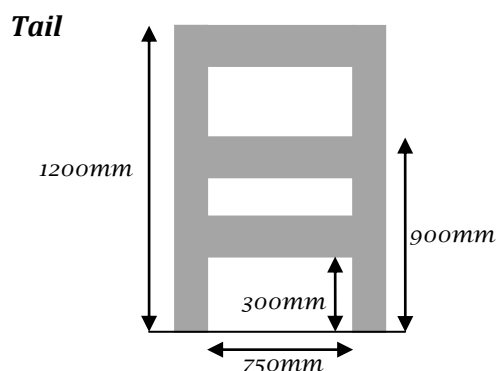
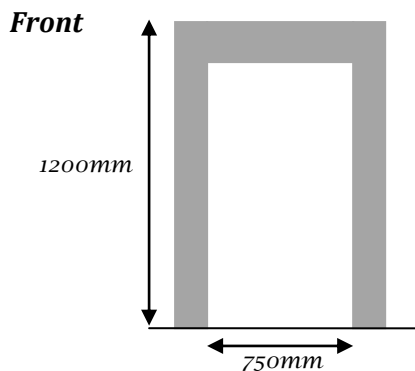
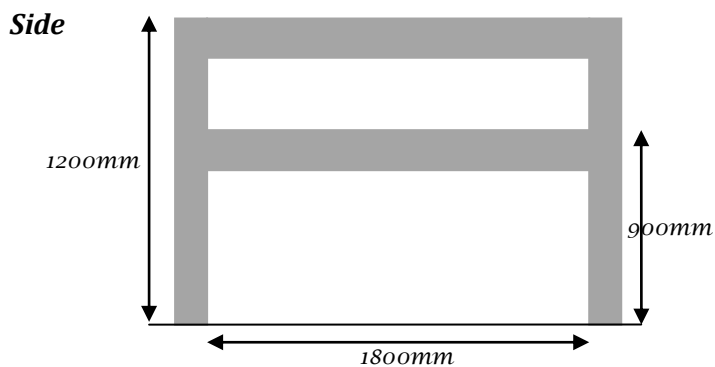
The following dimensions allow the mare some movement when standing in the crush yet at the same time restrict her movement enough to facilitate examination.

It is important to be able to confine a foal in direct proximity to the crush to allow wet mares contact with their foals during examination.

The crush should be located out of direct sunlight and close to a power supply.

A crush has 5 important measurements

- ✓ Internal length (1800mm)
- ✓ Internal width (750mm)
- ✓ Height of the top of the front bar (1200mm)
- ✓ Height of the top of the tail gate (900mm)
- ✓ Maximum height to the bottom of the tailgate* (300mm)



** A tailgate is preferred for obvious safety reasons, but as an alternative, 2 strong wooden or pipe rails will suffice.*