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New Zealand Simmental 2002

— VOLUME 46 —



PUBLISHED BY:

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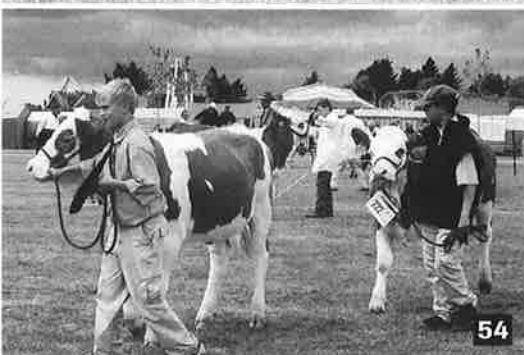
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Production by The Caxton Press, Christchurch

from the president



There are more Simmental cattle in the world than any other bos taurus cattle breed!

Between 40 and 60 million Simmental cattle have spread to all six continents, the popularity of the breed has increased tremendously since the late sixties with Herd Books being kept in 19 countries.

The name Simmental was derived from the valley ['tal' in German] of the 'Simme river in Switzerland. The first herd book was established in the canton of Berne 1803 where these large red and white animals were highly sought because of their "rapid growth development; outstanding production of milk, butter and cheese; and for their use as draught animals".

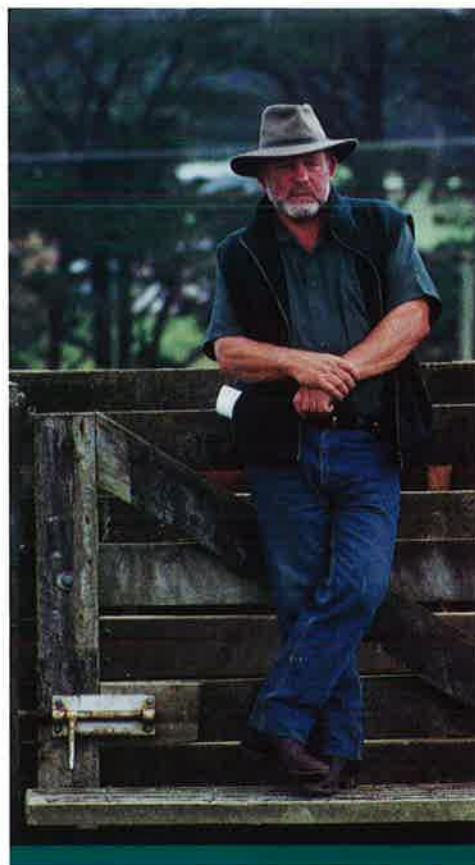
Given dual purpose characteristics of the breed it is not surprising that Simmental cattle thrive so well under so many different management conditions in New Zealand.

The vast world-wide genetic pool available to seed stock producers means that commercial cattlemen can select Simmental bulls that will fit into any farming system.

One of the major aims of the Simmental Council in recent times has been to develop systems that will assist the commercial producer select the right type of animal for his particular management system and give some assurance that it will breed predictably and is backed up by a credible and reliable stud breeder.

The introduction of EBV's [Estimated Breeding Values] almost 20 years ago and the subsequent upgrading has helped take the some of the guess work out of bull selection but does not take into account many of the structural aspects.

Many progressive stud breeders have already taken advantage of the Q A [Quality Assurance] scheme available to all Simmental society members. A major part of the scheme involves the individual and independent appraisal of all young sale bulls and/or all the females in



their herds. These independent assessors score all the physical aspects of the animal from feet and leg structure to size, length, muscling and temperament.

Over the next few years bull buyers can look forward to having these figures presented to them in the form of a lineal graph giving a quick and simple summary of animals' physical characteristics.

Another major step to help take the guess work out of bull selection was taken this year with the introduction of a National Bull Testing Scheme.

The cream of the 2001 bull calf crop from throughout NZ will be run together under commercial conditions for 12 months. The first 30 bull calves will enter the test station in early May this year and it is expected that the majority will be offered for sale at the 2003 National Beef Expo.

The introduction of the scheme was partly in response to criticism from commercial breeders who found it difficult to assess and compare bulls presented at the National sales because of the different environments and feeding regimes they came from.

A new selling season has come around again and the current crop of 600 plus sale bulls have had a great start with better than average seasons in most areas of New Zealand.

A healthy national average achieved last year of \$3560 for rising 2 year bulls still makes them exceptionally good value given the buoyant weaner market.

For the first time in several years we have seen an increase in society membership. It is a very encouraging sign and an indication of the confidence the beef industry has for the Simmental breed.

Peter McWilliam PRESIDENT

2002 National Sale Entries



Konstruktor AK12



Locomotion AL01



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Grant Latimer
maungakiekie@xtra.co.nz

Bulls for the industry

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QA

The Ultimate Choice

by Helen Ellis

QA: two letters that roll very easily off the tongue, but what do they actually mean to Simmental breeders and their clients?

Quality equals merit, position, rank, standing, status, superiority, value, worth; according to the Collins dictionary.

In terms of the Simmental Q.A. scheme Quality means all of these in terms of the structure, soundness and temperament of the cattle. The accuracy and reliability of the studmaster in record keeping, accounting and the provision of information to the office. The provision of adequate and safe cattle handling facilities and a precisely recorded animal health programme.

Assurance means that independent inspectors are satisfied that all the Quality requirements have been achieved.

Those who still have reservations regarding the value of the Q.A. scheme have come up with three arguments.

1 "Nobody is going to tell me which animals to cull"

Fair enough. We all have our own individual methods of culling those animals that we personally do not want.

BUT how many of you can evaluate your cattle in relation to a large number of other herds? Have you ever evaluated your own herd one at a time against a set criteria

The assessor took one and a half days to evaluate the 166 cows and Sale bulls in our Puriri herd. The assessors have no background knowledge of the individual animal in front of them so they can give a completely unbiased assessment based on the criteria that they have been given. How many of us could honestly do that given all the biases that we have about each animal in our herd.

2 "It costs too much and there is no commercial value in it"

Those of us who have Q.A. status intend to use it as a marketing tool. Just as E.B.Vs are being used by the discerning commercial buyer so will Q.A.

3 "The system isn't stringent enough"

For those who feel that the system isn't stringent enough we would like to remind breeders that Council intend to review the criteria from year to year and will raise and lower the bar according to the needs of the industry.

What do we now know as a result of our whole of herd assessment?

- It was an extremely valuable learning experience just to see our whole herd one at a time and the assessor was more than willing to answer questions or point out any faults or comment on a particularly good animal.
- We now have a graph that tells us that our herd is above average in stature and constitution and well above average for temperament. As we have consistently advertised our sale bulls under the constitution and temperament banner it is very gratifying to have independent proof that this is correct.
- The graph for our bulls this year is particularly interesting as the introduction of one herd sire has reduced the stature to average. We knew this to a certain extent but not as much as the graph shows. We now know that we must address this with our mating programme and choice of our next herd sire.
- For those of us who prefer raw figures to graphs we have the raw figures for every animal assessed and when it comes to culling and mating we can have a look at these figures and make informed decisions. This raw data is available to all those who have had their herds evaluated or bulls Q.Ad If you are slightly better on the computer than I am you can make your own lineal graphs for each individual animal once you have your raw data.
- Now that we have all this information and are starting to realise its value the bottom line for us stud breeders is that we would not be able to purchase a sire from any herd that could not provide a full lineal profile of the animal and if possible his dam.

To summarise: Quality Assurance is yet another valuable tool which enables the breeder to compare one animal with another within herd and across herds.

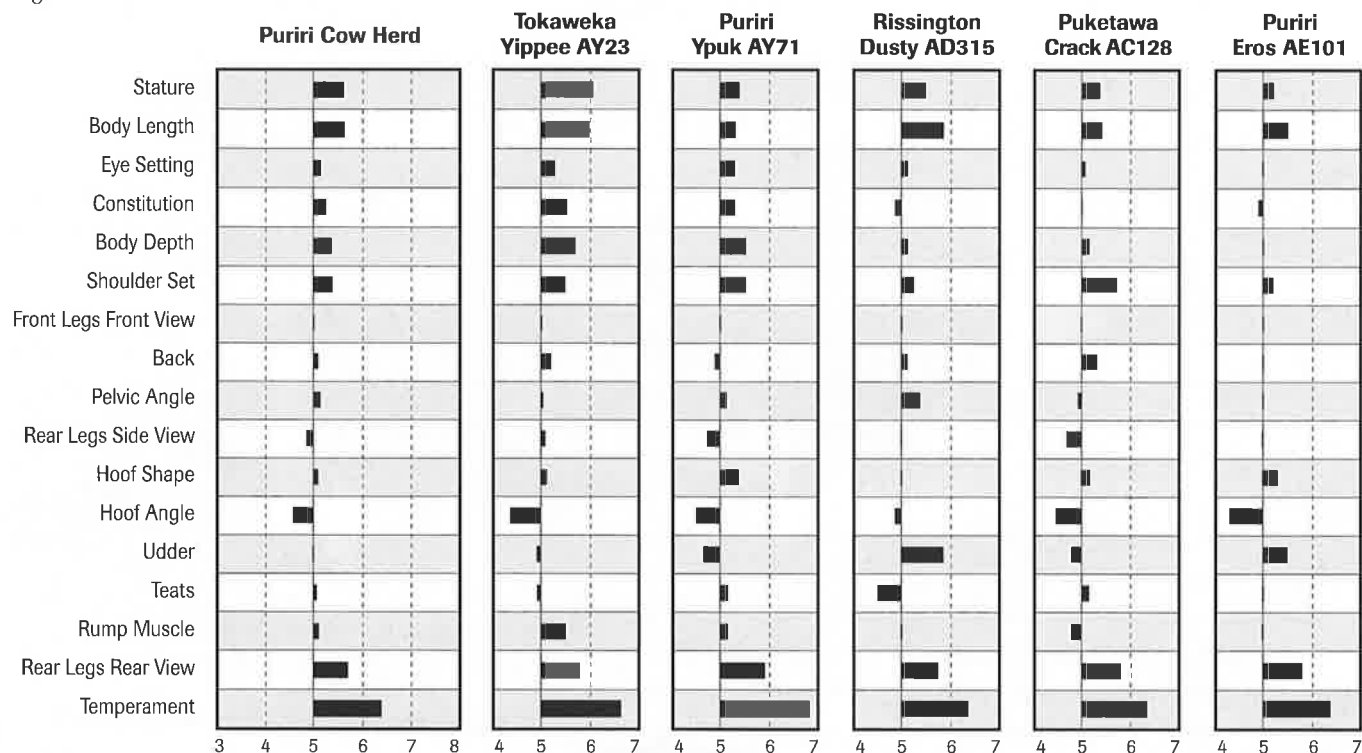
John and Helen Ellis have allowed the linear graph for their whole herd and linear graphs for progeny of different sires to be printed in the magazine. Please see page 7.

PURIRI COW HERD GRAPH

This is the whole herd graph and it shows that the Puriri herd has well above average temperament, above average rear legs rear view, body length and stature.

INDIVIDUAL BULL GRAPHS

The other graphs show that different bulls have impacted differently on the herd. For example, progeny of Tokaweka Yipee are well above average for stature and body length where as the progeny of Puriri Ypuk are only just above average for these two traits.



Two Members Achieve Full QA Compliance

At this year's AGM in Ohakune the first two members to achieve full Simmental NZ QA compliance were awarded plaques for their achievements.

These members, Bill and Helen Woolston and John and Helen Ellis, had reached compliance in the three components – Stock accreditation, Administration Compliance and On-farm Audit, of the Simmental NZ QA programme.

The Simmental Council hopes to be able to award a larger group, who have achieved full compliance at the 2003 AGM.

The full Simmental NZ QA scheme has been running for three years now and it is good to see the number of breeders who are enthusiastically working towards achieving full compliance.

Stock classification or accreditation was the last component to be added to the scheme and this has been developed and fine tuned over the past three years and now is providing an excellent selection tool for the members involved. Members are finding it has provided them with some interesting information on their herds that they haven't been able to get from visually assessing the herd themselves.

Until this year only the rising two year animals were put up for classification. However, now the classification system has an option for members to have their whole herd classified as well. A number of members have taken up this opportunity and have enjoyed the classification process and the information they have received following

classification. Breeders have commented on the amount of knowledge they have gained from working with the classifiers – Nathan Couper and Wayne McLaren during the classification process. Both classifiers are happy to talk through animals as they classify them.

Everybody involved in the stock classification has received a linear graph for the groups of animals they had classified. The linear graph for the whole herd instantly gives an objective assessment of the herd and should be used in conjunction with the linear trait descriptions to give a fuller picture. Some have taken up the option of having animals graphed in sire groups and this is when breeders start getting the real information.

It shows the strengths and weaknesses being produced by individual sires and is extremely useful when deciding on a mate for females. An objective view is given on each of the animals by a particular sire. Some breeders have been surprised by the shape of the graphs for individual sires and will now use them to good advantage when deciding on purchasing a new herd sire or choosing an AI sire and when deciding on a mate for the progeny.

Assessing the whole herd has enabled members to speed up the progress they are making in their herd.

Classification is only one aspect of QA and for members to reach full compliance they must also achieve administrative compliance with the Simmental office and supply the Simmental office with a Certificate of Processor Farm Assurance Compliance.

PURIRI SIMMENTALS

Full QA Status

Lineal Graphs available for whole herd –
166 cows and 44 QA Bulls



ANNUAL BULL SALE

on the property

Monday 1st July 2002

26 Q.A. Bulls selected for
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Weaner steers by this Puriri Bull fetched
\$972 at the Houhora Weaner Fair 2002

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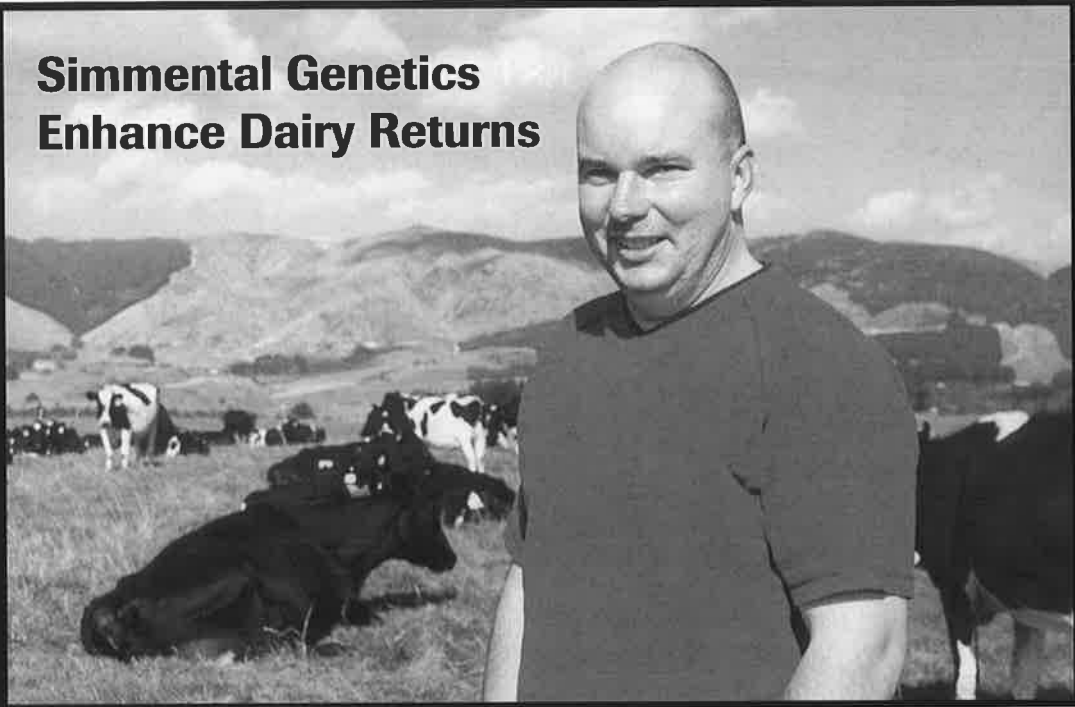
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Simmental Genetics Enhance Dairy Returns



Rob Kirk is rapt with the results he's getting from using Simmental semen in his dairy and can't understand why others aren't catching on.

There's lots of potential for Simmental in the dairy industry. The large drop in beef breeding cow numbers in recent years has left a gap and Simmental breeders do have plenty of opportunities in the dairy industry but there is some educating to be done.

"Dairy farmers love Simmental calves but they are concerned about the difficulties in getting live calves on the ground," says Rob.

"Using Simmentals doesn't necessarily mean that you will have calving problems but it can increase the likelihood. However, you have to weigh that up with the advantages."

The Manawatu farmer, who farms in partnership with his wife Adele and Rob's parents, Bruce and Adrienne, run a 680 cow herd with split spring and autumn calving on their 220ha milking platform.

They have used Simmental semen for a number of years now and have increased the percentage of cows put to the Simmental substantially. Now up to 80% of the herd is artificially inseminated with Simmental semen.

Until this year Rob has sourced his own bulls and taken semen off them for use in his herd. He has also sold some semen to other farmers when the demand is there.

The aim is to place 800 to 1000 straws of Simmental semen with other dairy farmers and he guarantees to buy back the calves. The semen is given to the dairy farmer for no cost so it is a way for dairy farmers to keep their mating costs down and they are assured of a market for their calves.

From the 800 to 1000 straws of easy calving, good growth rate Simmental semen they hope to get between 300 and 400 calves back. The Kirks then rear these to

200kg weaners and sell them on. Currently they are worth around \$500.

In the future, the Kirks may take some of the weaners through further, but cashflow dictates.

"There is a bit of pressure on cashflow when you rear a large number of calves as it costs \$170/calf to rear them," says Rob.

The Simmental cross weaners are taken to a run-off block to grow them out to the 200kg, whereas the commodity type weaners, whiteface or Friesians, are sold at 100 to 130kg.

Two years ago the premium for Simmental dairy cross weaners was much larger than now because the job was unique. Rob says the way the market is presently, he would be better to offload all Simmental calves at four days old and buy in whiteface heifers to rear.

"If we had done that last season we would have made copious amounts more money but we are not into that. We are trying to produce superior beef genetics," says Rob.

"Often we are told we would be better off in Friesian bulls but that market can crash."

Rob says the Simmental are a softer animal than the Friesian bull or a whiteface calf but when you give them quality feed they sure do reward you.

"From a purely economic point of view there is more money in putting either all or a high percentage of your herd to selected Simmental bulls than what you can get by putting Friesian over everything."

Some four day old Simmental cross calves made \$330 recently so this autumn Rob will sell all his autumn calves at four days because he can't warrant rearing them.

"If you can get money like this it makes sense to sell beef calves now and buy in quality cows at a later age when they are ready to milk," says Rob.

"We buy high BW Friesian cows in as replacements.

They are usually young empty cows and they can go into the autumn herd."

"This year we also bought 30 four day old Friesian heifers and reared them with a some other replacements," he says.

In all 700 calves were reared this year and of that 300 were Simmental cross calves. The remainder were a mix of Friesian heifer replacements, contract reared Friesian bull calves and whiteface heifer and bull calves.

This year Rob tried to purchase a bull at the Rissington sale but ended up as under bidder after bidding to \$9500. "It was a great bull and exactly what I wanted but you have to pull out at some stage," says Rob.

He wasn't sure what to do from there and spoke to Russell Priest who suggested he should use sire selector on the internet.

"I went through the process and put in the type of country, birth weight and growth criteria. I wanted a low birth weight and a high growth at 200 days because that is when I'm selling the progeny," says Rob.

The programme then goes through the 1800 bulls and prints out about 20 that best met the requirements.

"I was as green as grass and didn't know anything about any of the bulls it had selected so I just rang those people," says Rob.

"The bull that supposedly would best meet my requirements was a Puketawa bull. I didn't know who John Scott was, so I was going in total ignorance, but I gave him a ring and found out that semen was to be taken off that bull."

"We got 500 straws to go over the cows," he says.

Rob thinks that sire selector is a great tool. "You put your criteria in and the bulls coming back seem to fit like a glove. However, the proof will be in the pudding when the calves are born in the spring," says Rob.

He found the website user friendly and a good way to select either semen or a bull.

Rob, who has always had an interest in Simmental since being introduced to them when they were run on a lifestyle block Rob grew up on, has now taken Simmental a step further and has purchased some purebred cows from the recent Pouriwai dispersal sale.

He bought 14 cows, which met his criteria for low birth weight and high 200 day growth. From these cows the aim is to breed his own bulls and use that semen for his own operation and to disseminate to other dairy farmers.

"I'm not interested in running a stud in the normal sense but instead will aim to breed bulls for the dairy industry," says Rob.

He wants to increase Simmental cow numbers to no more than 30 and is now looking for the best way to build up quality cows quickly.

"ET may be the way to go to get more quality animals quickly. We've got empty dairy cows around that we could use as recipients," says Rob.

"We've got one classy cow but it will be a matter of whether she is good donor."

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Russell Priest

MeatNZ Beef Genetics Co-ordinator
Telephone (06) 323-4484

While estimating Breeding Values are powerful selection tools for making genetic progress, remember they refer to the genetic part of the production equation.

The ultimate selection tool is one that combines all the genetically-influenced costs and returns of a particular production system and presents these in one dollar figure.

In my recent trip to Australia, I was introduced in detail to such a programme, called BreedObject, to suit New Zealand production systems.

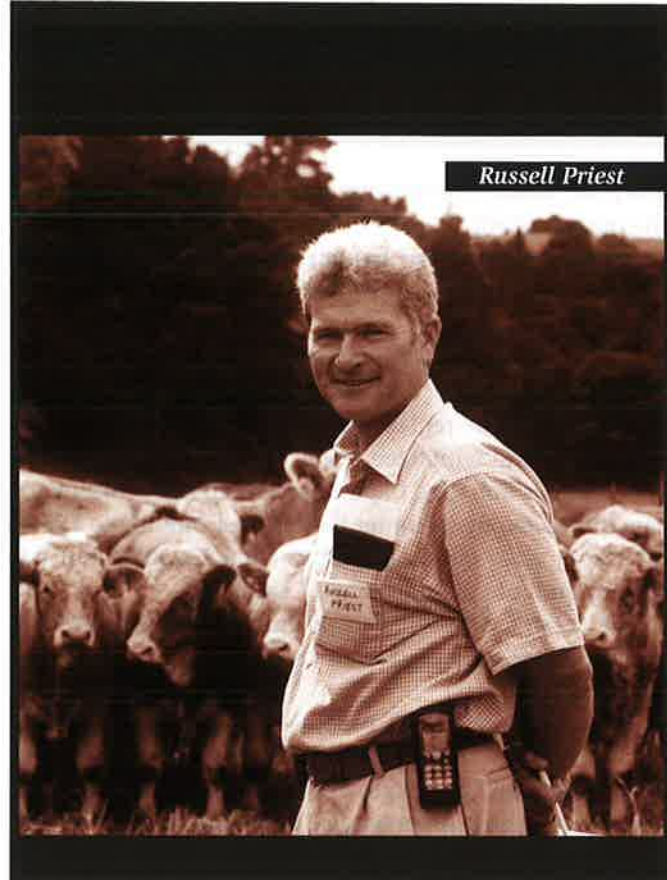
This programme, on which the Meat New Zealand Sire Selector is based, combines the economically important traits, for a defined production system or breeding objective, for example an export-grade cattle finishing operation or a local trade finishing system, and the dollar value for these traits. It brings them together in one figure, called an Index or an EBV for profit.

This index accounts for the genetically-influenced costs and returns of a particular production system, for example returns from slaughtering cattle, animal health and feed costs, and predicts the impact using a particular bull will have on the profitability of that operation, per cow mated per year.

As an example, consider two bulls A and B. If bull A has an Export Trade Index (EBV for Profit) of \$100 and bull B has an index of \$0, and each mates 200 cows of similar genetic merit during its lifetime, we can predict that Bull A will earn \$10,000 more profit than Bull B, as a result of these matings.

Put another way, you could afford to pay \$10,000 more for bull A than bull B and still be just as well off financially. How did I work this out? Well, bull A will pass half his genes for profit, ie \$100 divided by 2, on to each cow he mates and because he mates 200 cows during his lifetime this amounts to $200 \times \$50$, which comes to \$10,000.

BreedObject enables bulls to be ranked on profitability for different production systems, however bulls that rank



highly in one system will not necessarily rank equally as high in another.

Ranking depends entirely upon how well the combination of economically important traits fits the system.

Beef cattle breed societies, which wish to adopt this technology, are determining what production systems or breeding objectives they want BreedObject to describe.

It could be well that for this bull selling season we may see some beef bulls sold with an Export Trade Index (designed to produce local trade cattle) and a Dairy Bull Index for producing beef bulls to be used over dairy cows.

Soon, there will be available, in addition to these standardised indexes, a new programme based on BreedObject, which will enable producers to develop Indexes for their own production systems.

These will be developed by approved consultants, whose job it will be to sit down with farmers and extract the appropriate information, production costs and returns, which will then be plugged into the BreedObject programme to produce the personalised Index.

This latest technology will provide the ultimate genetic selection tool, because it will directly predict the impact bulls will have on profitability for individual producers' beef production systems.

SUMMARY

- ➔ BreedObject predicts the profitability generated by using a bull in a particular production system.
- ➔ The profitability ranking of a group of bulls will change in different production systems.
- ➔ Bulls may be sold accompanied by their Indexes for different production systems.
- ➔ A programme, based on BreedObject, which produces Indexes for individual farmers' beef production systems, will be available soon.

internet solutions

Breedplan is offering the Simmental Society and other New Zealand cattle breed societies a number of new developments and these would have to be Breedplan's most significant development of the decade.

It is obvious that the internet is becoming an increasingly important source of information for farmers and because of this the Simmental Society will be looking at these developments carefully and hopes to take some of them up in the near future.

Information from a number of sources tells us that well over 60% of New Zealand farmers already have access to a computer and by the end of 2002 this should have grown to at least 75%.

Breedplan introduced this technology to Australia in July 2000 and from a humble launch with 2000 hits it reached 348,671 hits just nine months later in March 2001.

The leading beef Society in Australia is already receiving over 40,000 hits per month – many of which will be coming from New Zealand in the absence of comparable services in New Zealand.

An alliance of three New England Angus breeders who sell bulls over one-and-a-half days in August found their catalogues received over 6700 web enquiries and their sale grossed A\$1.06 million.

Australian Angus has found that the web services are so popular in terms of adding value to members' data that they have been able to support a staff member full time assisting members (on a fee basis) to use the services fully.

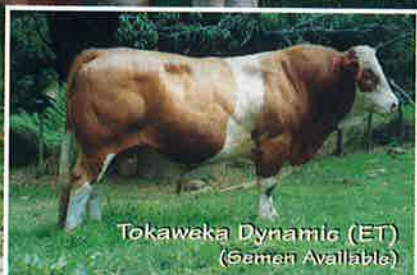
The options the Simmental Society will be looking at are, firstly, an enhanced animal and member enquiry system, which is in effect a herd book that is constantly fully updated. Secondly, the Society will look at an electronic sale catalogue service for auction and private treaty sales.

Thirdly, the society will look at the establishment of a dollar value indexed selection of New Zealand Simmental breed objectives. This will be a report on the four or five most important and economically important traits for New Zealand Simmental. Some work will go into deciding what exactly these should be and if the Society goes further down this track input from the members will be welcomed.

Once the economically important traits have been decided on a value to each will be given. The next step will be to seek advice to set up the weightings on the various traits to meet a particular market objective. There may be more than one objective for example one for domestic beef and another for export beef. Then the BreedObject software will provide an dollar indices for each of the markets for each Simmental animal that has been performance recorded. The Breedplan search engine allows users to search across Simmentals for sale and rank them by BreedObject index.

Cariboo Simmental Stud

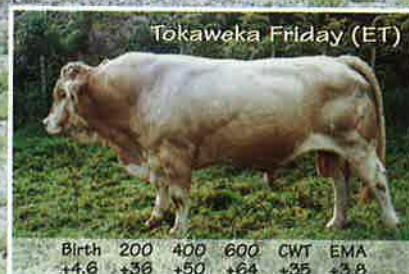
Combined Annual Bull Sale
26th June 2002, Kauri



Tokaweka Dynamic (ET)
(Semen Available)

W.J. & E.M. Mackey
Phone/Fax 09 433 9718
Mobile 025 245 6235
Email jimmack@xtra.co.nz

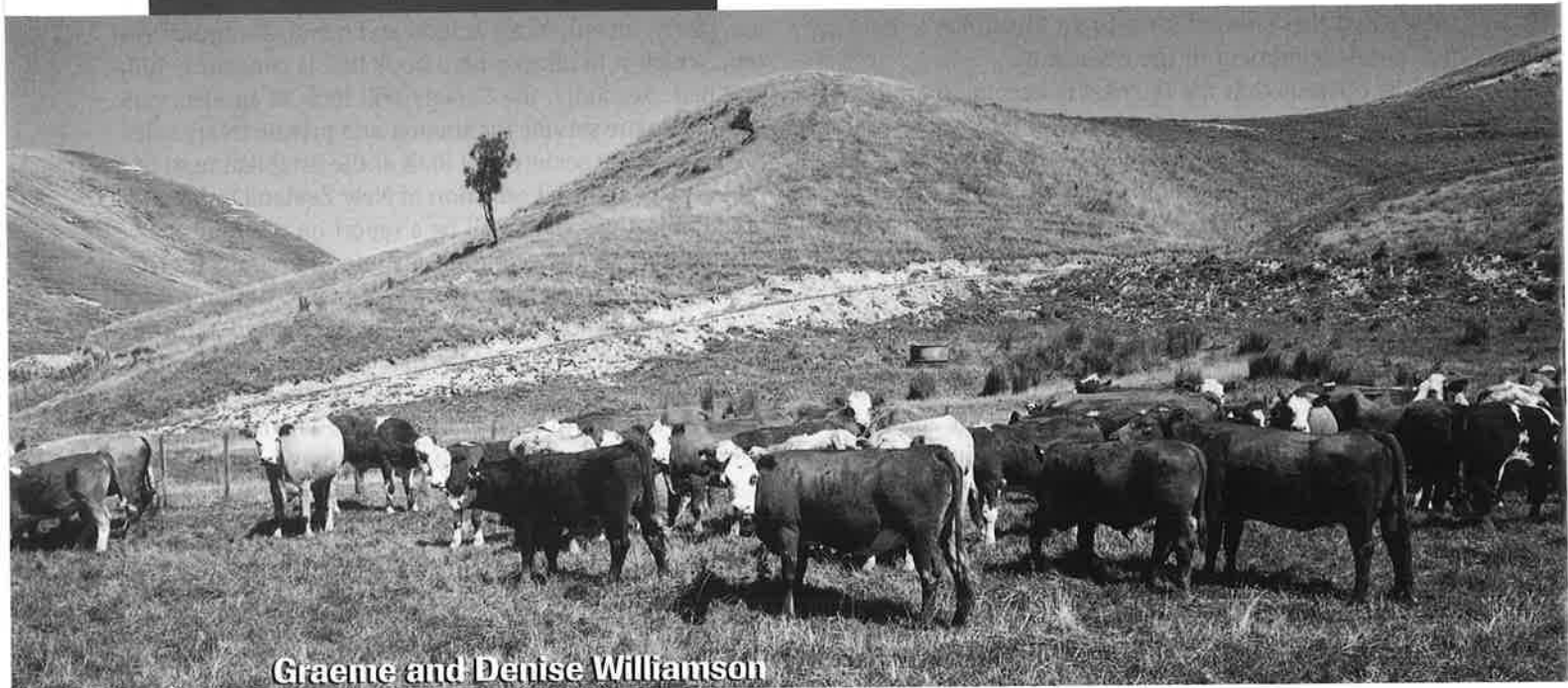
INSPECTION WELCOME



Tokaweka Friday (ET)

	Birth	200	400	600	CWT	EMA
	+4.6	+36	+50	+64	+35	+3.8

Wairoa Weaners Take Stortford by Storm



Graeme and Denise Williamson
have a simple farming policy of producing
good results and it seems to work...



The Wairoa farmers produce top quality Simmental weaners and Romney store lambs on their 412ha property, near the mouth of the Wairoa river. The medium hill country property has 25ha of flats and is bound by one of New Zealand's top surfcasting beaches, Whakamaki Beach, for about 3km.

In the last two weaner selling seasons they have topped the Stortford Lodge fair with their top cut and have topped the Wairoa fair for many years previous to that.

Their weaner selling policy changed in 2001, when the Williamsons made the decision to sell their top line of purebred Simmental weaner steers at Stortford and the remainder at Wairoa. Before that all were sold at Wairoa. This change in policy has paid off. Last year the top cut weighing 356kg fetched \$2.68/kg to give a price of \$957 at Stortford. This year they weighed 361kg, fetched \$2.76/kg and hit \$1000 to again top the Stortford sale.

Even with the top cut out last year, the Williamsons weaners made an impact at the Wairoa fair. Their steers topped the market at \$800 as did their heifer counterparts at \$575. The steers averaged 315kg and the heifers 250kg.

The Williamsons will be back to Wairoa again with this year's crop in April to try and repeat this remarkable feat.

These top weaners are produced from a purebred Simmental herd, which has been bred up from a Simmental Hereford herd that had a small infusion of Devon.

The Williamsons decided to breed towards a purebred Simmental herd and with careful sire selection from the Glen Anthony stud in Waipukurau they have achieved their aim.

Sire selection is still crucial to the success of this operation and Graeme selects bulls that are big, well

muscled, quiet and ideally suited to their coastal property and breeding programme.

He's not scared off by high birth weights and actually selects for them along with high 200 day weight and high 200 day milk. He says the rest just falls in line.

"Low birth weight and high growth is a fallacy," says Graeme. "A little calf will never be a big weaner."

"Our policy is to produce big fast growing weaners for the weaner market and to run as many cows as possible to do that," says Graeme.

A new sire is purchased each year and he is single sire mated to the two year heifers. This enables the Williamsons to evaluate the progeny before using the bull heavily in the herd. Calves are tagged with an identification number for ease of evaluation and a different colour is chosen each year for ease of age recognition.

The most influential sire line in the Williamson's herd



have been bulls by "BBA Galant" out of very good Glen Anthony cows.

Semen from Galant is no longer available and the Williamson's last Galant bull is currently four years old so they are hoping to get many more years out of him.

The Williamsons appreciate the detailed information provided in the Glen Anthony sale catalogue especially the average EBVs for all calves born and birth and weaning weights. This information assists the Williamsons greatly when selecting their new sires.

Young female calves are viewed critically for structure and growth rate in particular and the assessment is used to further evaluate the sires.

Each year 40 heifers are bought into the herd as replacements and the policy is to calve as rising three-year-olds.

Graeme believes if you calve as two-year-olds the heifers growth is stunted and they never reach their optimum production and size.

"Our heifers are big and well grown and we have no problems at calving."

The older cows are mated traditionally and the success

of their calving can be put down to their attention to detail and the time they put in.

Graeme and Denise find calving time pleasurable even though it takes over their life for a while. All the 180 cows are calved on 20ha behind hot wires and are viewed three times a day throughout calving and fed hay. As the cows calve they are shedded out onto saved pasture. By the end of calving all cows are very quiet and Graeme and Denise feel they almost know them by name!

Graeme and Denise say calving problems at Whakamaki are non-existent although they do get a few sets of twins each year. Generally they come from the same cows. The weakest twin is taken from the cow and bucket reared.

"If the bucket reared twin is a heifer she will be identified and will not be considered for a place in the future herd," says Graeme.

Cows and calves never compete with the sheep for pasture. The cows are kept on a separate rotation from the 1800 Romney ewes and they never graze in the same paddocks together.

This helps the Williamsons to optimise production from their cows and calves.

To further optimise cattle production the policy has been to sell all lambs, except those selected as potential breeding rams, store. They are sold in November through the sale yards.

This ensures the best feed is available for the weaner cattle. Being Coastal, the property can get dry during the summer months but this is of benefit to the young stock.

The Williamsons operate an unregistered Romney stud and purchase a quality ram from either the North or South Island Romney sales to mate to the elite ewes.

They select some of his progeny to take through as potential breeding rams and after final selection those who don't make it are slaughtered at heavy weights in August and September.

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PINELEE SIMMENTALS

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Pinelee Lady Di



Klondike Hasalz



Pinelee Echo
*(named because of her
similarities to
Pinelee Lady Di)*

Pinelee Klondike



Pinelee Kurdistan



Klondike and Kurdistan are the first bulls in the Southern Hemisphere by Klondike Hasalz

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Palmerston (Otago) Selling Centre

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- Scanned for Eye Muscle
- Breed Plan Recorded
- Stud Breeders
QA Scheme

- National bulls Quality Assured

Graeme & Lorraine Bain • Pinelee, RD 1, Middlemarch, Otago • Phone/Fax (03) 464-3226



Sons and grandsons of Paymaster feature in our top sale bulls this year. Paymaster at eight years of age sold to Mexico this year for C\$55,000.

Hampton Downs Simmental

Hampton Downs is not just a prefix, it is a programme.

It is a programme that concentrates on

- ★ Positive direct calving ease
- ★ Positive maternal calving ease
- ★ Polledness
- ★ Maternal strength and milk
- ★ Moderate frame and easy fleshing
- ★ Carcass EMA, RBV and IMF
- ★ Structural correctness
- ★ Black or Red

It is a programme that concentrates on balanced trait selection. It is a programme that avoids extremes.

It is no coincidence that the two lowest birthweight bulls walking the pastures of Australasia are Hampton Downs bred, or that fully 25% of the birthweight trait leading dams have the Hampton Downs prefix.

Black or Red, it makes little difference, but we have taken Black Simmental in a new direction by incorporating new South African and Bavarian genetics into them. We believe that we have the widest pool of black genetics available in New Zealand, if not in the Southern hemisphere.

We attempt to Artificially Inseminate our entire herd

(160 cows) each year to bulls that complement the ebv's of each cow and for a bull to qualify for our programme he must be on the right side of breed average for as many traits as possible.

Bulls like:

- ★ **Bar 5 Paymaster 1334D**, a member of the exclusive Balanced Genetic Trait Leader list of the North American Simmental Association, polled, trait leader for growth, maternal, and yet still high for direct calving ease, deep bodied, thick and beefy.
- ★ **Richwood Bruno**, homozygous polled, calving ease, high maternal strength and easy fleshing.
- ★ **Marywood Polled Western**, a real muscle machine with good growth.

It is a programme that has dared to be different by adding bloodlines like:

- ★ **Bar 5 Kalgary**, and **Bar 5 Vuurslag**, outcross South African
- ★ **Eldorado**, **Storno**, **Eisenherz** and **Emperor**, Bavarian Fleckvieh

And more will be added to our bull battery this year, so do try some, come and see us.

Enquiries and inspection are always welcome at any time and can be arranged by contacting us on Phone / Fax (07) 826-3194 or by Email at malcolme@ihug.co.nz

PROPRIETORS: Malcolm and Ngaire Entwisle, Hampton Downs Road, R.D. 2, Te Kauwhata



intrepid tourists

The 2002 Simmental herd tour to the lower half of the North Island was a real success despite a minor hiccup getting over the Gentle Annie.

Just as the group was settling into their seats on the first leg of the bus trip Ray Crosby made everybody sit up with the announcement of a quiz. Ray asked a number of questions over the duration of the trip, some Simmental related and other's general knowledge. The overall winner received some semen from Tokaweka Dynamic, kindly donated by Jim and Liz Mackey. The quiz was well received by all and at times there was quite a bit of whispering going on but the eventual winner was Steve Trotter, Oakdale Simmentals.

The first visit on the tour was to John and Helen McFadzean's Wairarapa property. They are a name synonymous with top quality Simmental stock and the breeders weren't disappointed with what they saw. John and Helen showed the group a mob of cows and calves, some of their stud sires and another group of early calves separated from their mothers in the cattle yards. The size, conformation and condition of the calves impressed all who saw them and nobody seemed too surprised a couple of weeks after the tour when the top lines of these calves fetched \$1095 in the Masterton sale yards. The group was very interested to hear about John's breeding programme and especially the fact

that he thought Simmentals had become much harder. He said the breeders had listened to what the commercial farmers wanted and had tailored their breeding programmes to meet those demands. It was very interesting to hear John comment about how the Simmental cows now compete with their Angus counterparts on his property, and in fact, last year there were more Angus than Simmental removed from the mob because of poorer condition.

From John and Helen McFadzeans the tour literally jumped the fence to the home of Trossachs Simmental stud, owned by Drew and Lauril Stein. The Steins farm 167 acres and run Simmentals and Highland cattle. They have a policy of artificially inseminating approximately 30% of their 87 breeding females and then follow up with a herd sire and other selected homebred bulls. This programme ensures that only the best genetics are introduced into the herd on a regular basis. Trossachs has imported top performing Simmental bulls from Australia in the past and is presently looking for another sire from Australia or Canada.

Most of Trossachs rising two-year bulls are sold into the commercial market but the top one or two each year go to the National Beef Expo in Palmerston North. Trossachs are now getting growing demand for yearling bulls and have started to sell a number at this age.

The Steins also have a very profitable Scottish Highland herd. They purchased a number of full blood animals with registered genetics back to the Balmoral herd in Scotland. Demand for these animals is high and prices are also. For example a five to six month heifer is worth \$8000 at the gate when sold for live export to Japan. Originally all sales were made to lifestyle farmers but more recently dairy farmers have been purchasing and last year one bull was sold at a Wairarapa commercial farmer. The Steins cannot breed enough Highlands and are currently trying to buy back mature females.

After a delicious barbarque lunch at the Steins the group boarded the bus to go the Simmental President's property. The home of Peter and Sue McWilliam and the Maungaraki Cattle Company.

Peter and Sue farm 260ha of easy to medium limestone country, running from 1200 to 1700 ft above sea level. They run 220 breeding cows – 90 Simmental, 50 Gelbvieh, 40 Angus and 40 Hereford Friesian cross recipients plus replacements and 50 to 60 bulls up to two years.

Their aim is to sell 40 to 50 breeding bulls per year. A few selected bulls are taken to the National Beef Expo and the remainder are sold in the paddock.

The McWilliams Wai-iti Simmental stud was established in 1985. In the

late 80's they took over the Rotomara herd on a partnership basis and numbers were built up quickly with the use of ET and AI. After five years the Rotomara stud was dispersed. Strong emphasis is placed on the maternal strength of the Wai-iti females with heifer calves retaining the family name of its dam. Between 90 and 100 Simmental calves are born each year mainly from natural mating and embryo transfers on selected cows. Semen and/or embryos form the Wai-iti herd have been exported to Britain, Australia, Zimbabwe, China and Tonga.

Peter and Sue's Gladstone Gelbvieh stud is based on the early importation of British females and 150 embryos from Canada. The stud now comprises of 50 females and was the first stud registered in New Zealand.

More recently Peter and Sue have established the Gladstone Angus stud. Cow numbers have built quickly by the way of several joint ET programmes with leading NZ Angus studs and the purchase of several top females at dispersals.

A very enjoyable social evening was held in Peter and Sue's woolshed. There was the opportunity for all breeders to catch up or met and chat. Later in the evening the stocks were bought out and a number of people ended up in them.

The next morning the group left Masterton for the Tararua Breeding Centre, Woodville. The group saw how semen was collected and learnt a lot from an in depth discussion that developed with Robyn Howe.

Next stop was the Brooklands stud, owned by Colin, Catherine, Nigel and Lisa Hutching. This stud is farmed on two properties and the group visited the 155ha property at Top Grass Rd.

The stud was established in the early 1970s, firstly by putting dairy cows to AI Simmental bulls, then later with a handful of imported purebred cows. Once the dairy farm was sold and the Top Grass Rd property bought in 1980 the stud really 'kicked in'. In the past year 160 cows were calved on the two properties. The properties also run replacements, prime heifers, sheep and Friesian bulls.

The main focus of the stud is to produce good sound commercial bulls. The Simmental bulls are run under the same stocking rate and management as the Friesians.

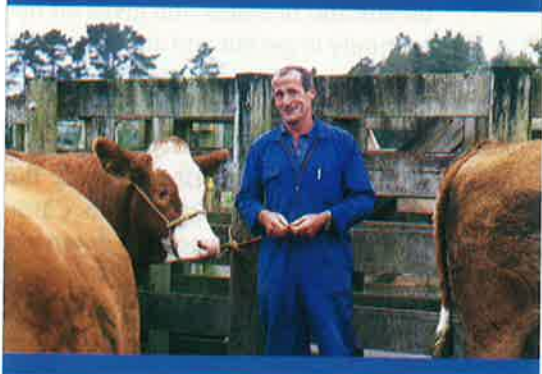
Then it was back on the bus and to Godfrey and Dorothy Prenter's Tapuata Simmentals. They have a herd of 20 Simmental cows that has been quietly assembled since 1986. Their ambition is to own some of the best Simmental cows in New Zealand and to achieve this most cows have been purchased at dispersal sales. The cows are mated to proven bulls by artificial insemination. Because of herd linkage with artificial breeding and these bulls having several hundred daughters in up to 40 herds, accuracy should be high. The Prenters also run 150 Friesian bulls on their 50ha property. The cows with calves at foot spend time tailoring pasture to optimise Friesian bull growth.

The group had dodged rain for the past day and a half but it caught up with them on arrival at Tony and Glennis Thompson's impressive display but it didn't dampen the enthusiasm. Tony and Glennis established the Glenanthy stud 30 years ago in Matamata, with the purchase of the imported purebred cow Woolston Fasan in partnership with Geof and Marian Mathis.

In 1974 the stud moved to its current home near Waipukurau. For the last four seasons they have calved 100 cows plus 20-30 recipient cows.

The Glenanthy herd has derived from the purchase of imported purebred females rather than grading up through crossbreeding. Through AI and some courageous ET this foundation was further developed through the use of Felckvieh sires, both imported and homebred. Since the beginning there have been a number of influential sires in the Glenanthy herd and some of these include Dunmore Hansa, Hansa-Harmony, BBA Galant, Glenanthy Aristocrat, Glen Anthony Sgt. Pepper and Great Guns Ferdinand. These have all done a job in the Glenanthy herd and now they are relying on homebred sires, Guinness and Hyatt, to enable

(continued on the next page)



(continued from the previous page)

them to carry on producing the spectacular cattle they are renown for.

Tony and Glennis make no excuses for being heavily involved in showing and say it is as much a hobby as a way of promoting themselves and the Simmental breed. They find it helps them rank their cattle alongside other breeds and breeders and gives an opportunity to get out and about and talk to other breeders outside their immediate area.

The next stop was Napier for the night and the following morning the group first visited Rissington Cattle Company. At Rissington the group not only saw Simmental but also groups of Rissington's composite breeds. Rissington is 850 effective ha and of easy to rolling topography. They have a big operation selling a large number of Simmental and composite bulls as well as composite Primera rams. Rissington stud was founded in 1971 by grading up mainly from an Angus and Hereford base. Only one purebred cow was ever purchased and only AI sires were used for the first five years. 116 halfbreds calved as two-year olds in 1974 and the herd had grown to 400 cows by the mid 80s. In 2002 227 females were mated and the mixed age cow herd is now run at Rick and Rachel Pettigrews in Manawatu. Since the studs founding, the herd has been run with the main emphasis being placed on measuring performance for reproductive efficiency, followed by growth rate and to a lesser extent carcass characteristics. Over 1000

Simmental bulls have been sold for breeding since 1979.

Next stop was Waiwhare stud located 50km west of Hastings. This 630ha property is owned by John Gould and managed by Keith Taylor.

Waiwhare stud was established in 1989 with the purchase of 12 females from Rissington. Having made a conscious commitment to the establishment of a top class Simmental stud it

*"The bus overheated
on a number of occasions
and the group got to
see a lot more of the
Gentle Annie Road
than they had
anticipated..."*

was realised that further numbers were required resulting in the purchase of a further 9 females at the leading ladies sale of Avon Park and East Dome. Further cows have been bought from Glenanthony, Rissington and Wai-iti-Rotomara. AI has been the main means of varying the sires used. The long term objective of Waiwhare is to achieve recognition as a top class Simmental stud. To this end culling is rigorous. Only the best sires are used and animals that don't meet the highest scrutiny will not be sold. Ultimately, with further subdivision and the introduction of new grasses Waiwhare are aiming to slowly increase the number of females to a level

where they believe they will have the best opportunity to make genetic gains.

From Waiwhare it was back on the bus for the big haul over the Gentle Annie and what a haul it was. The bus overheated on a number of occasions and the group got to see a lot more of the Gentle Annie Road than they had anticipated. The Annual General Meeting was delayed but there was a pre-AGM discussion held on the bus.

After a night at Ohakune the group was on the last leg of the trip. First it was a short drive to John and Helen Hammonds, Ruaview stud. Their 300 acre property is a third generation family farm at the bottom of Mt Ruapehu. It was originally a dairy farm and was the home of the Ruaview Friesian stud until 1986. When the stud was dispersed the Hammonds diversified into a bull beef operation, which is still a big part of the operation. In 1992 John decided he needed another challenge and formed the Ruaview Simmental stud. Their first cows were purchased from Ailsa farm and Wai-iti stud and a number have been purchased since from other studs. All animals are named in family names and not year names. They have used AI extensively and have tailed up with a homebred yearling bull. The Hammonds say progress has been relatively slow from such a small herd. They currently have 25 in calf cows and 6 in calf heifers as well as 6 pregnant recipients from an embryo programme. John and Helen were the organisers of this tour and a special thanks has to go to them for all





their hard work. They were also the worthy recipients of the prestigious Levels Trophy.

While at the Hammonds the group was given an interesting talk on QA and linear assessment in a whole herd situation. Nathan Couper showed how he assessed the cows and explained his assessment as he went.

The final farm visit on the tour was to Ailsa Farm, owned by Michael and Vida Coombs and Alastair and Kay Miln. The group was treated to a tour of one farm on the back of four wheel drive vehicles. It showed the medium to steep hill country that Ailsa stud is run on. Ailsa farm is 785 ha in three properties. They run 2900 Simmental cattle stock units and 6000 sheep stock units which include 1100 fully recorded Perendale and Romney ewes. They sell 400 rams a year and finish 2500 lambs.

The goals and aspirations of the Ailsa Simmental herd are to breed quiet dual purpose, easy care dam in a commercial environment from which they select their bulls.

Dual purpose – suitable both as:

- a) A Terminal sire – fast growth to 400 day and early maturing.
- b) Production of crossbred females – a cow that weans top weight calves and has low maintenance, suitable for hill country (ie good constitution).
- c) Easy care – low labour input eg minimal drenching. Drench capsules are a No No!! No routine drenching of older females. If they scour they are culled.





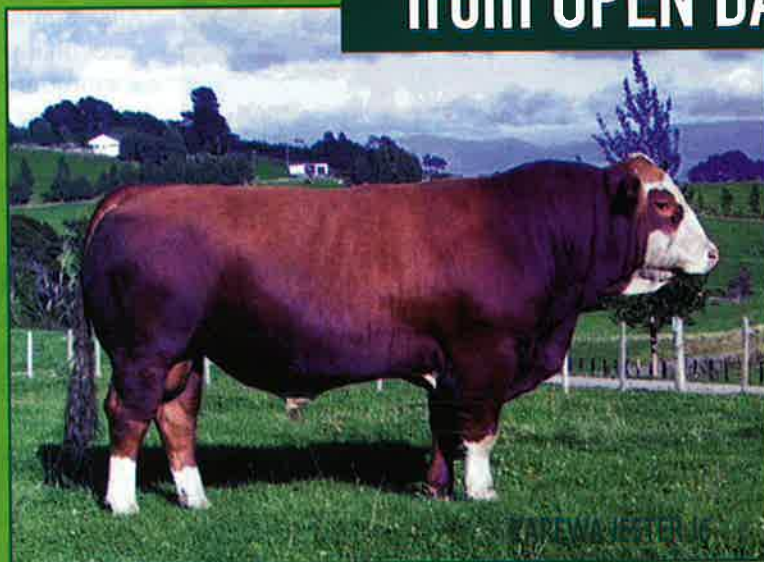
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STUD SIRE PROSPECTS

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Maxi has thickness in his pedigree for at least six generations. His dam's sixth calf out of 10 in 9 years and 9 months and is still going.

Birth Date.....	20.12.95
Beef Value	112 (82%)
Daily Gain	106 (76%)
Dressing %	105 (80%)



Bernd is an excellent carcass and milk bull with easy carving to boot. Currently 317 daughters are being recorded and he is + 695kg for milk.

Birth Date.....	27.01.93
Beef Value	110 (99%)
Daily Gain	85 (90%)
Dressing %	120 (91%)
Carcass Score.....	111 (87%)
Calving Ease	109 (98%)
Photo taken at 8 years 6 months	



Leonardo is a very promising young bull by Lock, who is throwing outstanding progeny with excellent weight gain and breeding values. Leonardo's weight at 16 months was 790kg, bucket raised (as all calves are).

His dam's seventh from eight in eight years and still going. His grand dams, on both sides had 10 calves each.

Beef Value	112 (41%)
Daily Gain	117
Milk Value	132
Total Breeding Value.....	134

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Industry Outcomes of the Cooperative Research Centre for Cattle and Beef Quality

Improving Tenderness, Retail Beef Yield and Marbling by Selection and Use of Gene Markers

B.M. Bindon

Chief Executive Officer, Cooperative Research Centre for Cattle and Beef Quality, University of New England

abstract

The CRC for Cattle and Beef Quality is Australia's largest ever integrated beef research project directed at improving the eating of beef. Since 1992 the CRC has worked closely with the northern and temperate cattle breeds to identify the main genetic and non-genetic factors affecting tenderness, marbling, retail beef yield, meat colour, fatness traits and Net Feed Intake. This paper presents results showing favourable opportunities to select for these traits to improve the value of the carcase and its eating quality. It also draws attention to the genetic associations between traits, which may be antagonistic. These genetic correlations are essential knowledge to implement breeding programmes designed to change more than one trait. The CRC has delivered new knowledge about gene marker technologies, which open up new possibilities for genetic improvement of beef quality traits. There are already promising DNA tests for traits such as marbling and tenderness. We need to understand how to incorporate these technologies into practical beef improvement programmes.

Non-genetic effects on meat quality arise from CRC investigations of grain (feedlot) and grass finishing and from our studies of genotype x environment interaction between cattle bred in northern Australia but finished in southern (temperate) regions of Australia. The results provide a blueprint for genetic improvement of beef quality traits.

The Comparative Research Centre for Cattle and Beef Quality (CRC) in Armidale Australia has recently carried out the world's largest progeny-test programme for carcase and beef quality traits and their other genetically related traits such as growth. The straightbreeding project is a within-breed progeny test involving seven breeds from 49 cooperating seedstock herds. The Northern cross-breeding project is a progeny test based on 1,000 Brahman females (donated by industry) and nine terminal sire breeds.

GENETIC PROGRESS ON BEEF CATTLE PROFITABILITY

Dr David Johnston, the scientist responsible for much of the CRC's genetic analyses estimates that we are entering a period of more rapid genetic improvement of a "profitability index" used in Australian breeding schemes (Figure 1). The CRC has helped by adding valuable meat quality data to existing knowledge about the genetics of growth and reproduction.

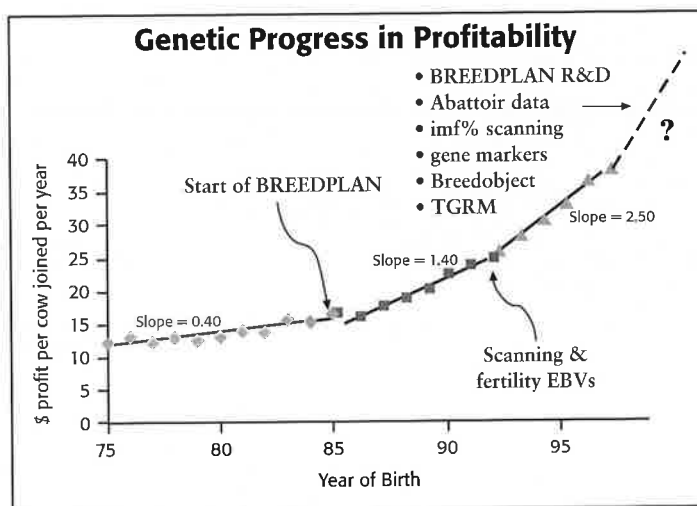


Figure 1: Genetic change

CARCASE AND MEAT QUALITY

The CRC's breeding projects (progeny tests) have made further progress towards achieving the largest ever bank of knowledge about carcase and meat quality of Australian beef cattle. In the CRC database there are now records of 10,000 carcasses, comprising British breeds, tropical adapted breeds

and crossbred animals (figure 2). These results will underpin future genetic improvement schemes for meat quality traits in Australian cattle and they are playing a key role in developing growth paths to successful achievement of Meat Standards Australia (MSA) grading targets in different Australian production environments.

CRC Data	
<input type="checkbox"/>	Approx 10,000 fully recorded animals – pedigree, date of birth, herd full management history
<input type="checkbox"/>	Live measures (weights, scans, scores)
<input type="checkbox"/>	Feed intake (food eaten, time, number and duration)
<input type="checkbox"/>	Carcase (weight, fats, AUS-Meat, temperatures, pH)
<input type="checkbox"/>	Bone out (muscles, bones, fat depots)
<input type="checkbox"/>	Meat quality (shear force, compression, cooking loss colours)
<input type="checkbox"/>	Eating quality (MQ4 scores, ossification scores, USDA scores)
1.6 million data points! (and still growing)	

Figure 2

TENDERNESS AND RETAIL BEEF YIELD

- Estimates of heritability of (objectively measured) tenderness are low in British breeds (Angus, Hereford, Shorthorn, Murray Grey) for different muscles and are only moderate in tropically adapted breeds (Brahman, Belmont Red, Santa Gertrudis). Direct selection to improve these traits may not be successful in British cattle. Non-genetic approaches, by controlling growth path and pre- and post-slaughter practices may be a more reliable method of guaranteeing beef tenderness.
- Heritability estimates for marbling, as measured by chemical intramuscular fat percentage are more promising.
- By contrast, retail beef yield percentage (RBY%) is an important new trait studied by CRC (achieved by bone-out of one side of most CRC carcasses). The trait is highly heritable (> 40%) in all breeds studied so far, and is of great potential economic value to the Australian beef industry. Genetic differences between extreme animals could be worth up to \$100 per carcass. New opportunities for direct measurement of RBY% are becoming available in Australian processing plants. VIAscan may provide indirect prediction of the trait.

Currently, most of this economic benefit would flow to the beef processors, but with progress in value based marketing, cattle producers should be rewarded for using sires whose progeny have higher retail beef yield. Note that these genetic differences are not from the result of heavier carcasses: they result from genuine differences in body composition.

Results from the CRC trial show that there is no genetic influence on pH but the two measures for tenderness (shear force and instron compression) cooking loss and meat colour are all under some degree of genetic control.

Meat colour's heritability is an important new development as we shall see later it is genetically correlated with tenderness and may provide an opportunity for indirect selection.

GENETIC ASSOCIATION (CORRELATIONS) BETWEEN MEAT QUALITY TRAITS

It is important to understand the genetic association between different traits. (If you select for tenderness what happens to marbling in a sires progeny? If you select for growth, what happens to fatness?) The CRC now has results for many different traits. For example fat measured by Real time ultrasound is genetically the same as P8 fat measured on the carcass. But marbling (IMF%) is negatively correlated with retail beef yield, indicating if you select upwards for marbling you will lose RBY%. There is little genetic link between marbling and tenderness. There is also only a 50% relationship between tenderness in two muscles (striploin and eye round), indicating that selection for tenderness in one muscle will not lead to a 1:1 increase in tenderness of another muscle.

Meat colour is significantly (-45%) correlated (genetically) with shear force (tenderness) for the striploin. This says that lighter coloured meat is more tender. If you chose sires with lighter coloured meat their progeny will be more tender.

These results in genetic associations are a reminder that if you want to make progress in traits that are antagonistic measure all traits and select sires using Estimated Breeding Values (EBVs).

GENETIC CORRELATIONS BETWEEN MARKETS, REGIONS AND GRASS VERSUS GRAIN FINISHING

The CRC has now worked out the answer to long standing industry questions. Are the same genes (i.e. sires) suitable to produce progeny for the domestic versus export markets (i.e. for all production traits)? Are the same genes (sires) suitable to produce progeny for finishing in northern versus southern environments? Are the genes for feedlot and pasture finish the same? These questions have a bearing on Australia's genetic improvement schemes. For example if the Genetic Associations (Correlations) between grain and grass finishing are high (e.g. < 0.80) then we can confidently base Breedplan procedures on grass fed performance, in the knowledge that sires whose progeny perform well on grass will also perform well on grain. Conversely, if the genetic correlations between grass and grain are low (e.g. < 0.5) it means we need two seedstock systems: one based on grass fed performance and another based on grain fed performance.

(continued on the next page)

The results in figure 3 present some of the key genetic correlations. These need careful consideration because of their overall industry significance for the future. A few general conclusions are:

- For growth (carcase weight), marbling (IMF%) and tenderness (LDPF) there is little re-ranking of sires across feedlot versus pasture, domestic versus export and north versus south finish. This is good news – for example, current breeding strategies for selecting sires for marbling on pasture has the assurance that their progeny will perform accordingly accordingly on feedlot diets.
- For traits like RBY% and P8 fat and meat colour the genetic correlations are generally lower meaning that some re-ranking of sires will occur when you move from pasture to feedlot, domestic to export or north versus south finish.
- For traits under low genetic control (e.g. pH) the correlations are variable and probably meaningless.

Genetic Correlations			
Category: Chiller & Meat Q • Breed Type: Tropical			
	Feedlot vs Pasture	Domestic vs Export	North vs South
Carcase wt	.87	.95	.97
IMF%	.95	1.00	.94
LDIC	1.00	.73	1.00
LD L colour	.68	.75	.84
LD loss %	.67	1.00	.79
LD PF	1.00	.89	.92
LD PH	.51	.05	.97
ST IC	1.00	1.00	.93
ST PF	.86	1.00	.64
RBY%	.6	.73	.64
P8	.91	1.00	.64
EMA	.8	1.00	.64
Meat colour	.51	.75	.59
Fat colour	1.00	.52	1.00
Marbling score	.58	.91	.75
Deep Butt Temp	.14	1.00	.25

Figure 3

TEMPERAMENT, FLIGHT SPEED AND TENDERNESS

The work of Dr Heather Burrow, CSIRO Rockhampton on the genetics of temperament and flight speed (i.e. the time taken for an animal to traverse a distance of 1-2 metres after emerging from a cattle crush) has led to an unexpected breakthrough in the search for an easily-measured live animal attribute as a genetic predictor of beef tenderness. This comes about from recent analyses of light speed (time) in tropically adapted cattle and its

genetic association (i.e. Genetic Correlation) with beef tenderness (measured by shear force (SF) in the CRC database).

The results confirm that flight speed is indeed moderately heritable (32%). This means the trait is under partial genetic control. Note however that a visual estimate of flight is not a good substitute. Flight speed is not well correlated with “crush score”, sometimes used as an assessment of temperament. The good news is that flight time is significantly (-.53) genetically correlated with shear force Tenderness of the striploin. This means sires with slow flight time have progeny with lower shear force (i.e. more tender) striploins. Note that the flight time is also linked to meat colour. However, what is most interesting is that flight time is NOT phenotypically linked to the tenderness (i.e. a beasts flight time and its own tenderness are not correlated).

There is now a great opportunity to measure flight time (at weaning or later) on farm, say in young bulls with a view to improving tenderness of their progeny.

GENETICS OF MARBLING

The CRC has a strong commitment to marbling research. The objective is to understand how intramuscular fat can be regulated by genetic and non genetic techniques. This would create opportunities to either increase or decrease marbling, depending on the market specifications for the trait. Good information is now available on the heritability of marbling when measured by different methods. Intramuscular fat percentage is moderately to highly heritable. AusMeat marble score is less heritable, meaning that this measure may be influenced by environmental factors such as chiller conditions or inconsistencies between assessors. Heritability of marbling assessed by MSA graders, however, is closer to the heritability of intramuscular fat percentage. These results highlight a significant industry issue: we need to find a more reliable way to measure intramuscular fat percentage, perhaps “on-line” in the abattoir. It must be closely calibrated to marble score while ever this measure is the “accepted” trait on which carcase payment is based.

Heritability of marbling depends on the type of cattle being measured. Note that it is higher in cattle of export weights (320kg carcase weight)

GENETICS OF FEED EFFICIENCY

The CRC has invested substantial resources to measure individual feed intake of groups of cattle fed a standard feedlot diet.

Net feed efficiency refers to actual feed intake adjusted for an animal’s weight and growth rate. The idea is to identify cattle that eat less food for the same gain. The CRC now has data on some 2000 British and tropically adapted steers. Net feed efficiency in this data has low heritability (around 18%) lower than that for feed intake. The genetic correlation of RFI (feed efficiency) with RBY% is favourable (efficient steers have higher RBY. RFI and

marbling (and P8 fat) are unfavourable correlated (more efficient steers are leaner and have lower marbling).

So far between sire differences in net feed efficiency have been found a number of breeds.

The present difficulty with this technology is to work out how to test enough sires for net feed efficiency to ensure that enough steer progeny by high net feed efficiency sires are available for feedlot use. Progeny must also have acceptable merit for other traits such as growth, marbling and beef quality.

SUPERIOR SIRES IDENTIFIED

Estimated Breeding Values (EBVs) for meat quality traits have been released to co-operating breeders, breed societies and now to the cattle breeding industry in general. In some cases these results have had a significant immediate impact on the seedstock industry.

CRC analyses have examined sire EBVs for traits thought to be antagonistic. This approach, for example, compared sires on the basis of RBY% and marbling, traits normally thought to be negatively correlated. In all breeds studied,

there is, in general, a negative association between the traits. Sires with high RBY% generally have lower fatness, including marbling. However, there are sires with high genetic merit for both traits.

GENE MARKER TECHNOLOGY

Gene Marker Technology is new and promising. Direct marker (DNA tests) are now confirmed for marbling and beef tenderness. For the present we do not know exactly how to combine gene marker information with traditional measures of genetic merit for beef traits (i.e. Estimated Breeding Values – EBVs). In Australia the gene markers are being used for selection of seedstock purposes. If the predictive value of these markers is sufficiently high (i.e. the marker accounts for a significant proportion of the observed variation in the trait), then the tests could be used for drafting cattle, such as steers for feedlot finishing. In Australia for example, it would save millions if we could select steers that would be guaranteed to achieve marble score 4 for the Japanese market. At the moment many cattle are fed for 200 days and do not meet the marbling specification. The penalty for this is a serious loss of money.

The whole idea of identifying cattle genotypes and the production environment to meet market specification is helping the Australian industry. It begins with producers deciding which particular market they are in. If they cannot meet the desired specifications then it is sensible to change to a market better suited to your farm's capability.

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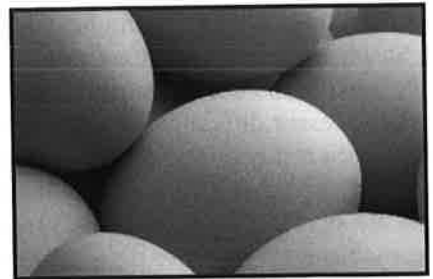
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Herd Performance Recording and Analysis Has Never Been So Easy!

The New Zealand livestock industry is set for some exciting times ahead with Saltbush Agricultural Software recently launching their new HerdMASTER package.

HerdMASTER is a leading-edge PC based on-farm herd management package, developed using the latest Microsoft® technologies. This easy to use, yet comprehensive package, has been designed with the proactive manager in mind. HerdMASTER boasts powerful web interfaces not seen before in the New Zealand herd recording market, meaning that communication of registration and performance data can be e-mailed directly from the program.

The new product was initially launched in Kansas City in October, 2001 at the AGM of the American Hereford Association (AHA) and sales have been overwhelming. With 21 million animals on its database, the AHA has put electronic control of its records as its highest priority. HerdMASTER has already contributed significantly to that goal, and will revolutionize the way American Hereford breeders manage their on-farm cattle records.

With increasing demands being placed on producers to provide the highest quality product, beef producers need

to manage a growing amount of information. Whether this is quality assurance recording, daily weight gains, or female reproductive performance, HerdMASTER will allow you to actively use the information collected on a day-to-day basis, in making more informed management decisions about the direction of your production system.

With the incorporation of the Saltbush EID System, HerdMASTER will improve on-farm efficiencies in data collection and integrity. The Saltbush EID System allows for a smooth capture of data electronically. Whether this is performance data, matings, sales or animal movements, all information can be updated based on the electronic identification of the animal.

HerdMASTER has been purposefully designed to reflect the way that you manage your livestock on-farm. Entry and retrieval of information is easy and logical, enabling you to streamline your management procedures by providing information on your herd in an easily accessible format for all stages of herd production, management and performance. The ultimate aim of HerdMASTER is a system that will save you both time and money.

Saltbush is represented by **Tim Brittain Computing** in New Zealand, so if you are interested in learning more about HerdMASTER, or any of the other products and services offered by Saltbush, call Tim Brittain Computing on (07) 871-8062, where Kelly or Tim will be more than happy to assist you with all of your needs.

NZYBB

Offers New, Exciting SCHOLARSHIP

The New Zealand Youth Beef Breeders (NZYBB) are offering a new scholarship in conjunction with the Sitz family to their Montana, USA ranch.

The scholarship is open to all persons aged between 20 and 29 years and runs for a ten to twelve month period so that the recipient can experience a full year cycle at the Sitz ranch.

The recipient would start the scholarship in January 2003 at the beginning of calving and would follow through the year's activities until the Sitz annual sale in the first week of December.

NZYBB is encouraging, not only those involved in the stud beef industry to apply but also shepherds or managers who are interested in beef cattle and would benefit from the experience.

The Sitz scholarship isn't aimed at those involved in showing and herdsman competitions solely but also those who have a practical background in farming. A large aspect of the scholarship is practical beef farming and it offers the opportunity to experience beef farming in a completely different environment and scale to New Zealand.

The Sitz ranch, now based in Montana, was originally founded in 1924 by Will and Freda Sitz in Nebraska and it wasn't moved to Montana until 1960. Their son Bob has since taken over the property and he was one of the first Angus breeders to engage in performance testing of cattle.

The Sitz family own 15,000 ac in Montana and lease about the same acreage of forestry land. The run 1500 stud Angus cows and rank in the top ten for the largest seed stock operations in the United States. They sell over 400 Angus bulls annually.

Their herd is noted as being one of the strongest female lines in the Angus breed and in 2000 a Sitz cow set an all time world

record female Angus price at an elite female sale. They also have many notable pathfinder (elite) bulls featured in their stud.

The property runs up to 9000 feet above sea level and is near the Tobacco Root mountains, 90km west of Bozeman. The area the Sitz ranch is situated in has a lot of wildlife and is not far from Yellowstone Park.

It is a very generous scholarship that the NZYBB and Sitz family, as major sponsors, are offering. It includes airfares, visa, accommodation and wages for the time the recipient is at Sitz.

The Sitz family has New Zealand connections. Daughter Sheree and her husband, Mark Stockman farm in Rotorua and have established a small Angus stud. They are introducing Sitz genetics into New Zealand through an embryo transplant programme.

It is anticipated that the recipient would be able to offer something back to the New Zealand beef industry on return and they would be required to put their experiences in writing for NZYBB.

Applications for the Sitz scholarship are now open and will close in September. Those wanting to apply should in the first instance contact Nathan Couper or Derek Hayward. They will be able to provide applicants with an application form. This form needs to be completed and sent along with a CV. From there a shortlist of applications will be selected and put through the interview process.

NZYBB, established four years ago to build companionship and help out other youth of similar interest, now offers three scholarships annually.

The other two scholarships are awarded at the Royal show annually and are herdsman, showing, judging and public speaking competitions. The competition is split into two sections - Junior and Senior, hence the two scholarships.

The winner of the junior section wins a trip to the New Zealand Royal show the following year and the winner of the senior section wins a trip to the Adelaide Heifer show in August of the following year.

The goal of NZYBB is to promote beef breeding to young people and to keep young people within the beef industry.

★ NZ Young Beef Breeders ★

NZYBB, in alliance with "SITZ RANCH", USA, are proud to announce a new opportunity for the youth of NZ's beef industry.

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- 2002 NZYBB Junior Champion Herdsman will attend the 2003 New Zealand Royal Show

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For your chance to win in 2002 make sure you are entered at the Palmerston North Royal Show

For more NZYBB information or to apply for the "SITZ SCHOLARSHIP" contact the secretary Jacqui Garland: 025-220 9196, Derek Hayward: 027-226 6686 or Nathan Couper: 027-232 2218

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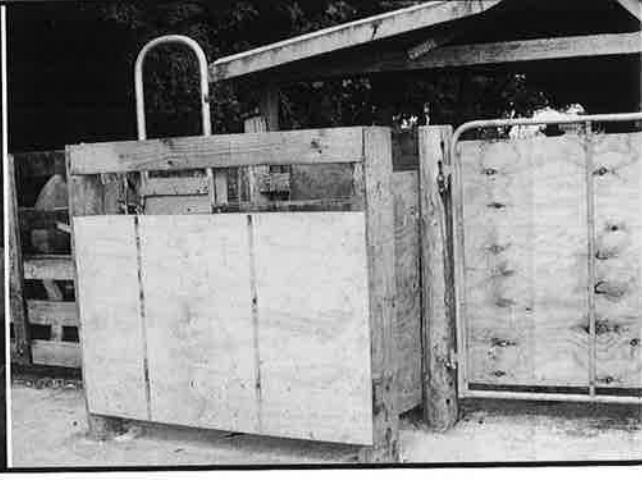
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Waikato & Districts NEWS



Roughly 40 Waikato and Districts Simmental Club members and others climbed the hills west of Otorohanga and travelled along the Te Raumauku ridge to Peter and Anna Scott's Te Raumauku Simmental stud on February 10th.

For those who haven't visited the stud before, you can't help but be impressed with the views and the character of the country. The property, which bounds an old earthquake fault line, is dotted all over by patches of native bush. In every patch is a limestone cave or tomo and all sorts of nooks and crannies to explore.

Te Raumauku stud was established in 1990 with five purebred cows from the Waingata stud via a neighbour and has proved to be very successful in selling bulls at the Waikato and Districts Simmental bull sale.

First on the agenda was a demonstration by Grant Latimer on tying up calves for showing. Grant was given two well grown, unaltered heifer calves straight off their mums to demonstrate on. He made a mighty job of making the whole process look like a picnic in Cornwall Park. A lot of interest was shown in his rope halter with the extra length of lead which made life a lot easier when tying up.

After this Mike Young (rep for Veterinary Enterprises) spoke on safety in the yards. Mike has spent many hours working in and around many different yards. He had blown up photos of various yards and spoke of horrific accidents and experiences he had encountered that could have been prevented if a few safety factors had been included in the yards. He emphasised the importance of planning your escape route, eliminating corners where possible and having good grip on the cat walk as well as keeping your work area free of rubbish or tools etc. Just to mention a few points. This was a very interesting talk, with plenty of discussion afterwards.

The herd walk came next where we encountered cows in good forward working condition, reflecting the season most of us have experienced. Approximately 70 cows and heifers are calved from the last week in July, which is plenty early enough when farming at nearly 300m above

sea level. Only weeks after calving the cows and calves start following the ewes and lambs, with finishing lambs becoming the first priority. Once the bulls come out, the calves with their dams are sex drafted then proceed to follow lambs and the ewes take their turn at the end of the feed chain.

Calves are weaned anytime from mid February depending on the season and go up front with or parallel to ewe lambs. At this stage the ewes jump up a peg (pre-flushing) and the cows are left to clean up any rank feed that may have got away over the summer.

Bull calves stay in one group through until 600day weighing in late January to early February and this is when culling starts. After culling the remaining bulls are kept in a single mob until after being passed by the inspectors. They are sold at the Waikato and Districts Simmental Club sale.

Heifer calves are split into mating groups after 400 day weighing and any obvious culls are sent to the works. After two cycles of mating the heifers are placed back



Above: Mike Young delivers his talk on safety.

Top, from left to right: 1) Part of the herd walk (the cattle look okay too!); 2) Ray Ngatai, one of the helpers behind the scene; 3) Safety feature in Peter & Anna Scott's selection yard. This also acts as an escape route from the yard behind.

together then not culled until after pregnancy testing. All empty heifers are culled.

In selecting replacements the emphasis is initially placed on temperament and structural soundness, then the lower performers are dropped off.

The herd was founded on Nevada based sires because of their ability to thrive under hill country conditions and these sires were put over a base of mainly Singing Hills females.

After the herd walk the group assembled at the yards for a talk on cattle selection by Peter Scott. He gave a brief outline of his work experience and as a selector, which included working on large beef and sheep stations in various parts of the North Island as well as a stint in the South Island high country. He has assisted with two National sale selections, has selected for the Waikato and Districts bull sale six times – two of those times as senior selector. He has also selected for a number of female sales and has attended two judging schools given by Graham Hoff and Tony Thompson and was associate judge at the Waikato show when John McNaughten fell in the water trough.

Peter explained that selection was not just up to your chances of a successful sale, but to keep up a standard which should give the buyer and seller more assurance of a reasonable working life expectancy in the bulls.

One of the tools needed to select cattle is a good concrete yard. This doesn't just apply to bull selection but more importantly to your own replacement selection for

your breeding programme. Seeing faults in your cattle is half the answer to solving them.

One of the conditions of entry for the Waikato and Districts bull sale is to have an area of concrete at least 6m x 3.3m. Peter felt that after selecting in a lot of different yards that a minimum area of 6m x 3.6m with some sort of safety feature would be preferable with a broom finish and fall of no more than 0.45cm per metre.

Peter spoke of mustering wild cattle in behind Kakahi and the 3m fight or flight theory. He feels there is no set safe distance and that 50m would be too close for some cattle when boxed up in a small yard especially with a total stranger. He says it is no wonder cattle give you a reaction.

Peter then demonstrated selecting by bringing heifers with small structural faults into the yards and pointing the faults out. He then bought cows into the yards and showed what those same faults develop into as the cattle get older.

John Scott then gave a talk on QA and Linear assessment using the heifers that were in the yards. He outlined what the assessors would be looking for in the cattle and why he felt it was necessary to have QA and to encourage people to use it.

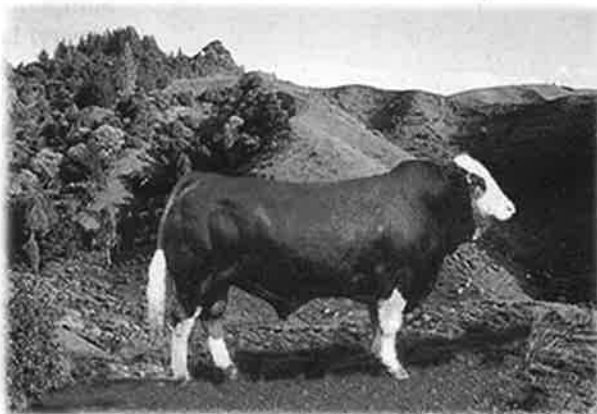
Once John had finished Grant Latimer finished his demonstration by showing the group how to teach the calves he had previously tied up to lead.

It was an excellent day had by all and was rounded off with a barbeque and some relaxation at the Scott's home.

WAIKATO & DISTRICTS

22nd Annual Simmental Bull Sale

**Monday 27th May 2002
12 noon
To be held at the
Frankton Saleyards
Hamilton**



For further information please contact your Wrightson or Waikato Farmers representative.

"The good news is that New Zealand's first-class beef and lamb are still getting excellent prices abroad, particularly in NZ dollar terms. But the downside is that high world prices push retail prices up in New Zealand and so last year Kiwis ate less beef and lamb per year. Even so, Kiwis spent nearly 4% more on red meat than the previous year," said Neil Taylor, CEO of Meat New Zealand.

According to the Economic Service (funded by Meat New Zealand and the Wool Board), consumers ate 7.7% less lamb and 11% less beef in 2001 than the previous year, but spent 3.9% more on red meat. Consumption of chicken rose 5.7%, but pork declined 5% over the same period.

New Zealand exports of beef and lamb were worth \$5.045 billion in the year to December 2001, an increase of 17% from 2000. Tonnes of product exported were similar to the previous year (-0.9%).

"This is not just to do with the exchange rate," Taylor said. "It shows that New Zealand beef and lamb can surf over global crises like foot and mouth, BSE and terrorism – but only if we do our homework," he said.

"Meat New Zealand is working with government and across the whole industry to ensure that markets stay open when they are looking shaky, that promotional work conveys the 'clean green' message, and that our natural farming systems are supported by a raft of research and development information to improve productivity."

NZ Beef and Lamb Surf Over Global Crises and Keep Up Demand

New Zealand beef and lamb are holding their position as big export earners, and while volume sales on the home market are down, expenditure is up, says Meat New Zealand's CEO, Neil Taylor.



Taylor said that New Zealand lamb is in good demand in many countries despite global price rises. The UK has had significant year-on-year retail increases among the large retailers, with whole bone in legs rising over 20% in some cases, but demand for New Zealand lamb remains good. Complaints of short supply of New Zealand lamb in Germany indicate there still is demand to sustain the higher prices being asked. And in France, lamb prices were 20% above the norm for February, with more New Zealand Lamb reported to be available to catch the high prices.

"We are watching the markets closely though," says Taylor. "The Japanese market is still feeling the impact of BSE being found there, but we're seeing some indications of a slight pick-up in beef consumption. Korea is not yet completely over their slow economic recovery, lack of demand following BSE/foot and mouth scares, and competition from non-meat protein sources," he said. "And Australia lamb is pressuring New Zealand lamb in North America, Japan and the Middle East."

He noted that Middle East trade has been lighter than usual, with a Saudi Arabian ban on produce with the spinal cords in place limiting the carcass trade to chilled, as only the returns from chilled can justify the cost of removing the spinal cord. Meat New Zealand is working with Government to try and get the ban lifted for New Zealand, as it is unjustified for a country that is free of BSE.

"While these world markets are the mainstay for New Zealand beef and lamb, at home, we are conscious that Kiwis' traditional loyalty to New Zealand beef and lamb is suffering while prices are high. But dollar for dollar, New Zealand beef and lamb are excellent, good quality sources of protein, and there are plenty of cheaper cuts available," he said.



Pouriwai Simmentals

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Pouriwai will be selling 12 bulls at the Gisborne Combined Exotic Sale on Thursday 26th May



For Sale
GISBORNE
COMBINED
SALE
26 May

POURIWAI AK138

Sire: Rissington AG476 Dam: Pouriwai AD607

2002 Group Breedplan EBV's

BW	200 Milk	200 Wt	400 Wt	600 Wt
+0.8	+6	+21	+37	+45
76%	44%	71%	70%	70%
Carc Wt	EMA	Rib F	Rump F	RBY%
+35	+3.2	-0.4	-0.6	+1.7
60%	47%	54%	54%	50%

POURIWAI AK133

Sire: Pouriwai AE 31 Dam: Pouriwai AG 360

2002 Group Breedplan EBV's

BW	200 Milk	200 Wt	400 Wt	600 Wt
+1.5	+9	+22	+33	+35
77%	50%	73%	73%	73%
Carc Wt	EMA	Rib F	Rump F	RBY%
+21	+1.4	+0.3	+0.3	+0.5
64%	51%	58%	58%	53%



For Sale
GISBORNE
COMBINED
SALE
26 May



For Sale
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26 May

POURIWAI AK40

Sire: Pouriwai AE 31 Dam: Pouriwai AE 506

2002 Group Breedplan EBV's

BW	200 Milk	200 Wt	400 Wt	600 Wt
+2.2	+7	+24	+36	+44
76%	49%	71%	69%	72%
Carc Wt	EMA	Rib F	Rump F	RBY%
+27	+1.4	+0.2	+0.2	+0.5
60%	48%	54%	54%	50%

Enquiries welcome

Gerald Kemp • Ph: (06) 867 0867 • Fax: (06) 867 7443 • Email: pouriwai@xtra.co.nz
Duncan MacPherson • Ph: (06) 867 0821

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Ancare offers to the commercial purchaser of the top priced Simmental bull at the NZ Beef Expo, a veterinary consultation for an internal parasite treatment programme and 5 litres of Genesis pour on.



40 TOP SIMMENTAL BULLS • NEW ZEALAND BEEF EXPO

May 20, 2002 – Palmerston North Showgrounds

(Show 12.30pm, Sale 2.30pm)

1

Cornwall Park Konstruktor

VENDOR: Cornwall Park Simmentals

TATTOO:
AK12

HERD:
1620

DOB:
12/8/00



Waikite AB136
SIRE: Waikite Landlord AD264
Coopental 921/AN12

Maraetotara Prince 1111/AP101
DAM: Helensbrook Wynette 1257/AW101
Helensbrook Ruth 1257/AR4

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+ 3.0	+ 6	+ 21	+ 32	+ 45	+ 49	-	-1.3
76%	54%	72%	72%	68%	56%	-	51%

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBV	CWT
- 0.1	-	- 0.9	- 0.6	+ 0.6	-	+ 0.7	+ 24
68%	-	57%	57%	49%	-	53%	61%

Konstruktor's pedigree is stacked with desirable attributes which include longevity, performance, fertility and soundness. Semen and service tested.

AUCTIONEERS: Wrightson

2

Wai-iti Karachi^{QA}

VENDOR: P. McWilliam

TATTOO:
AK134

HERD:
1261

DOB:
12/9/00



Red Cadillac ZU95
SIRE: BBS Zima D55 AD55 (imp USA)
Miss Peltz N55

Wai-iti Zin Zan AZ12
DAM: Wai-iti Miss Polo 3 AB97
Wai-iti Miss Polo 1 AZ75

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+ 2.5	- 1	+ 28	+ 38	+ 37	-	-	-2.2
75%	50%	69%	65%	63%	-	-	51%

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBV	CWT
-	-	0.0	+ 0.1	+ 1.1	-	+ 0.5	+ 21
-	-	40%	40%	31%	-	41%	53%

A polled son from the great sire BB5 Zima D55, renowned for his muscling and carcass qualities. Wai-iti Miss Polo AB97 is from our top maternal family (milk EBV + 13, 65%).

AUCTIONEERS: Wrightson

3

Ladburn Krusader

VENDOR: A.A. & L.A. Partridge

TATTOO:
AK133HERD:
1168DOB:
3/9/00

SIRE: Levels Hans AX131E
Moneymore Cardshark AD8
 Moneymore Laura AZ60

DAM: Mr Dusty Dignified 10P T76947
Ladburn Chiffonette AC29
 Ladburn Yanna 1168/AY5

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+ 5.7	+ 9	+ 30	+ 55	+ 69	+ 77	-	+ 0.1
75%	49%	70%	69%	70%	58%	-	50%

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBV	CWT
-	-	+ 0.6	+ 0.5	+ 2.3	-	+ 0.7	+ 37
-	-	52%	52%	44%	-	48%	59%

A half-brother to last year's Reserve Champion.
 Like his brother, he too has credentials to make a top sire.
 Has been used extensively within the Ladburn herd.

AUCTIONEERS: Wrightson / Pyne Gould Guinness

4

Moneymore Kodak Express^{QA}

VENDOR: Enterprise Cattle Company

TATTOO:
AK8HERD:
1308DOB:
22/8/00

SIRE: Deutsche Loch 3456899
Wai-iti Loch Lomond AB43
 Rotomara Unni 123/AU48

DAM: Pendeen Nicholai 83/AN7
Richmond Tamara 37/AT8
 Richmond 37/BH8

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+ 2.9	+ 6	+ 17	+ 19	+ 34	+ 37	-	-
63%	56%	61%	61%	59%	50%	-	-

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBV	CWT
-	-	+ 0.4	0.3	+ 1.4	-	+ 0.5	+ 17
-	-	44%	44%	38%	-	41%	53%

Full vendor guarantee. Birth weight 45kg. Full brother to
 'Collosus' sold to Prospect at 97 National and 'Cross Fire'
 to Collier Bros 2000 National Sale.

AUCTIONEERS: Wrightson

5

Kapiti Kauri

VENDOR: B. & M.R. Mansell

TATTOO:
AK12HERD:
1519DOB:
4/7/00

SIRE: Tokaweka Rascallion 79/AR29
Kapiti Emeror AE4
 Rissington Xpo 49AX367

DAM: Glen Anthony Yukon 299/AY42
Kapiti Buttercup AB3
 Rotomara Yaki 123/AY85

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+ 2.2	+ 10	+ 15	+ 25	+ 34	+ 35	-	-
74%	48%	68%	64%	65%	53%	-	-

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBV	CWT
-	-	-	-	-	-	-	+ 20
-	-	-	-	-	-	-	53%

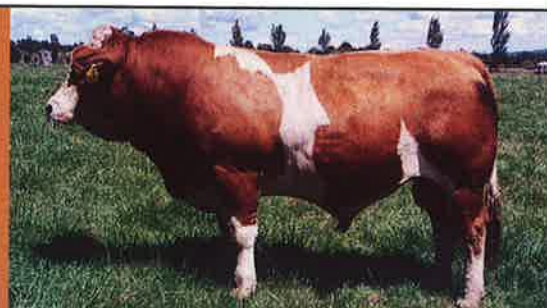
Very quiet temperament; balanced EBVs.
 Outstanding muscling and mobility.
 Used in service.

AUCTIONEERS: Wrightson

6

Ruaview Henry^{QA}

VENDOR: J.D. & H.D. Hammond

TATTOO:
AK18HERD:
1558DOB:
2/9/00

SIRE: Great Guns Ferdinand AZ13 (imp Can.)
Glen Anthony Sgt Pepper AC27
 Glen Anthony Zelda AZ8

DAM: Wai-iti Mr X 1261/AX72E (ET)
Ruaview X Heather AD3
 Marshall Simm. AA41

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+ 3.1	+ 16	+ 19	+ 32	+ 41	+ 45	-	+ 2.6
75%	55%	73%	70%	70%	59%	-	65%

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBV	CWT
+ 0.2	-	-0.3	-0.2	+ 1.2	-	+ 0.8	+ 27
66%	-	53%	53%	46%	-	49%	60%

A moderate framed bull by G A Sgt Pepper showing exceptional
 muscling. Tremendous temperament. Has a very good
 2-year-old sister in our herd. His dam has been used in our
 Embryo Transfer Programme this year. Has been used in service.

AUCTIONEERS: Wrightson

7

Waiwhare Kenrick^{QA}

VENDOR: Waiwhare Simmental

TATTOO:
AK114HERD:
1477DOB:
11/8/00

Rissington Barnaby AB639

SIRE: **Pouriwai Emperor E21**
Pouriwai 1276/AY948

Pouriwai AA3

DAM: **Waiwhare AE263**
Waiwhare AB95

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+5.4	+13	+30	+46	+57	+59	-	-
76%	48%	71%	72%	71%	59%	-	-

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBV	CWT
-	-	-0.4	-0.2	+0.7	-	+0.4	+27
-	-	55%	55%	47%	-	50%	61%

Kenrick has Pouriwai Sires on both sides. He is well-muscled with an excellent spring of rib. His EBVs speak for themselves. His carcass EBV is +23. Semen and service tested.

AUCTIONEERS: Wrightson

8

Waiwhare Kedar^{QA}

VENDOR: Waiwhare Simmentals

TATTOO:
AK115HERD:
1477DOB:
14/8/00

Rissington Barnaby AB639

SIRE: **Pouriwai Emperor AE21**
Pouriwai 1276/AT518

Glen Anthony Debonair AD19 (ET)

DAM: **Waiwhare G0029 AG29**
Waiwhare AC160 (ET)

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+2.5	+12	+22	+44	+47	+46	-	-
75%	44%	70%	71%	70%	58%	-	-

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBV	CWT
-	-	-0.8	-0.6	+1.6	-	+1.0	+31
-	-	55%	55%	47%	-	50%	60%

Kedar has head, bone and colour. His dam is by the well-performed 'Debonair'. He has a strong set of EBVs and his carcass EBV is +24. Semen and service tested.

AUCTIONEERS: Wrightson

9

Puketawa KHB^{QA}

VENDOR: Puketawa Simmental

TATTOO:
AK121HERD:
208DOB:
12/8/00

Waikite AB136

SIRE: **Puketawa AH104 (QA)**
Puketawa AD45

Puketawa Choco AC105

DAM: **Puketawa AE28**
Puketawa AA20

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+3.8	+10	+29	+55	+66	+69	-	-
76%	45%	71%	71%	71%	59%	-	-

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBV	CWT
-0.5	-	-1.5	-1.0	+2.1	+0.1	+1.4	+41
70%	-	52%	52%	46%	35%	49%	61%

Smart looking bull with excellent figures. Pedigree stacked with trait leaders. Carries the usual 3 season Puketawa guarantee (see the Puketawa catalogue for details). Not used in service.

AUCTIONEERS: Wrightson

10

Puketawa Karlernst^{QA}

VENDOR: Puketawa Simmental

TATTOO:
AK122HERD:
208DOB:
15/8/00

Waikite AB136

SIRE: **Puketawa AH104 (QA)**
Puketawa AD45

Puriri AC7

DAM: **Puketawa Polled AG63**
Puketawa AZ32

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+3.4	+11	+29	+58	+66	+69	-	-
75%	41%	69%	69%	69%	57%	-	-

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBV	CWT
+0.2	-	-1.6	-1.1	+1.4	+0.6	+0.9	+42
68%	-	50%	50%	43%	33%	46%	58%

Well fleshed and with great figures. Carries the usual 3 season Puketawa guarantee (see the Puketawa catalogue for details). Not used in service.

AUCTIONEERS: Wrightson

11

Trossachs Knockendo

VENDOR: R.D. Stein

TATTOO:
AK14HERD:
1469DOB:
6/7/00

Sire: Sir Arnold's Image T809 LE
Trossachs Drumond AZ41
 Rotomara Xplicit 123/AX60

Dam: Scottish Herod 5051372
Trossachs Holly AH3
 Eriskay AZ10

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+0.6	+4	+12	+15	+14	-	-	-
61%	46%	64%	66%	61%	-	-	-

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBY	CWT
-	-	-	-	-	-	-	+11
-	-	-	-	-	-	-	54%

Grandson of the wonderful Sir Arnold's Image.
 Excellent pedigree. Free moving. Fantastic temperament.
 Used in service. Semen checked.

AUCTIONEERS: Williams & Kettle

12

Puriri Kingdom^{QA}

VENDOR: Puriri Simmentals

TATTOO:
AK102HERD:
1278DOB:
18/6/00

Sire: Puketawa Crack AC128
Puriri Geordie AG135
 Puriri BB25

Dam: Puriri Ypuk 1278/AY71
Puriri AA113
 Rissington 49/AX382

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+3.0	+15	+20	+32	+42	+45	-	-
61%	46%	66%	68%	67%	57%	-	-

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBY	CWT
+0.1	-	-1.1	-0.8	+0.4	-	+0.6	+23
67%	-	50%	50%	43%	-	46%	59%

A real Puriri bull! Top marks for constitution,
 growth and temperament with an
 easy calving background. Used in service.

AUCTIONEERS: Wrightson

13

Glen Anthony Kaiser

VENDOR: A.H. & G.M. Thompson

TATTOO:
AK44HERD:
299DOB:
21/7/00

Sire: Glen Anthony Yukon 299/AY42
Glen Anthony Aristocrat AA44
 Glen Anthony Yarina 299/AY29

Dam: Great Guns Karl 17C AC17 (imp Can.)
Glen Anthony Flirt AF33 (ET)
 Glen Anthony Zitta AZ88E (ET)

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+5.2	+14	+16	+19	+30	+31	-	+0.9
75%	54%	71%	70%	70%	58%	-	63%

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBY	CWT
-	-	-	-	-	-	-	+9
-	-	-	-	-	-	-	58%

Another bull with good depth of muscle and excellent thickness
 right through. 'Flirt' is a dark red cow with massive capacity.
 Not used in service. Note the double line back to 'Dunmore Hansa'!

AUCTIONEERS: Wrightson

14

Leafland Kilimanjaro^{QA}

VENDOR: Strauss Family

TATTOO:
AK2HERD:
1614DOB:
9/8/00

Sire: Tokaweka Yearly 79/AY11
Pukepuke Brent AB16
 Pukepuke Win 1398/AW6

Dam: Bar None Shareholders AW174623
Karewa Ebony AE339
 Karewa Brooke AB227

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+4.1	+6	+28	+47	+62	+66	-	+0.3
76%	54%	71%	72%	71%	60%	-	51%

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBY	CWT
-	-	-0.6	-0.4	+1.6	-	+0.9	+36
-	-	52%	52%	44%	-	47%	62%

Dark red, solid coloured, full eye pigmentation. Correct,
 well-muscled. From Kidd Yackandandah family. Vendor retains
 the right to use collect semen on farm. Not used in service.

AUCTIONEERS: Wrightson

15 Hampton Downs Kumara ^{QA}

VENDOR: Hampton Downs Simmental

TATTOO:
AK26

HERD:
1496

DOB:
7/7/00



SIRE: Harkaway Enforcer 16Y
Bar 5 Paymaster 1334D
Bar 5 Best Lady 604Y

DAM: Hampton Downs Bold Edition AE11 (ET)
Hampton Downs Huia AH61
Hampton Downs HD Black Delores AD8E

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
-1.7	+9	+31	+45	+49	+42	-	- 3.2
	48%	72%	68%	71%	58%	-	62%

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBY	CWT
-	-	- 0.1	0.0	+2.0	+0.7	+0.7	+26
-	-	56%	56%	44%	39%	52%	58%

By the incomparable 'Paymaster' out of a 2yr old 'Bold Edition' daughter, 'Te Kumara' has one fault as we view him: he is horned, the only horned animal in his pedigree, the 'Master's' dam. This bull stood out from the night he was born.

AUCTIONEERS: Wrightson

16 Pinelee Klondike ^{QA}

VENDOR: G.M. & L.E. Bain

TATTOO:
AK21

HERD:
1234

DOB:
16/8/00



SIRE: Hasalz
Klondike Hasalz 49E AE49 (imp Can.)
Sim-Roc Gwen

DAM: Scottish Herrod 5051372
Pinelee Lady Di AD14
Pinelee Ballerina AB23

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+5.6	+6	+34	+47	+52	+48	-	+0.2
72%	36%	67%	64%	64%	50%	-	52%

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBY	CWT
-	-	- 0.7	- 0.4	+1.7	0.0	+1.2	+30
-	-	46%	46%	38%	29%	43%	51%

Exciting new blood lines. 'Klondike' is the Royal Show Male Champion and the Royal Show All Breeds Junior Champion at Christchurch. His dam was Female Champion and Supreme Champion of the breed.

AUCTIONEERS: Wrightson

17 Karewa Kalypso

VENDOR: Rakaiatai Holding Ltd

TATTOO:
AK1

HERD:
1249

DOB:
23/8/00



SIRE: Pukepuke Brent AB16
Karewa G Man AG28
Karewa Zawi AZ153

DAM: Single Nick Doubletime
Karewa Crystal AC249
Karewa Tamis 1249/AX117

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+2.4	+13	+25	+46	+52	+55	-	-
63%	48%	63%	65%	64%	53%	-	-

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBY	CWT
-	-	-	-	-	-	-	+34
-	-	-	-	-	-	-	55%

Kalypso, we feel, has a lot of potential. A bull with that extra bit of class, backed by a proven pedigree and a dam with production and show records hard to equal. Standard vendor guarantee.

AUCTIONEERS: Wrightson

19 Wai-iti Kampala ^{QA}

VENDOR: P. McWilliam

TATTOO:
AK74

HERD:
1261

DOB:
22/8/00



SIRE: Red Cadillac ZU95
BBS Zima D55 AD55 (imp USA)
Miss Peltz N55

DAM: Wai-iti Zin Zan AZ12
Wai-iti Miss Polo 3 AB97
Wai-iti Miss Polo 1 AZ75

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+2.9	-1	+27	+37	+39	+36	-	- 2.0
73%	50%	68%	69%	68%	55%	-	51%

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBY	CWT
-	-	- 0.1	0.0	+0.8	+0.2	+0.4	+20
-	-	50%	50%	41%	38%	49%	58%

A polled son from the great sire BBS Zima D55, renowned for his muscling and carcase qualities. Wai-iti Miss Polo is from our top maternal family (milk EBV +13, 65%). Used in service.

AUCTIONEERS: Williams & Kettle

20

Moneymore Kiwi Kid^{QA}

VENDOR: Enterprise Cattle Company

TATTOO:
AK22HERD:
1308DOB:
13/7/00

SIRE: Wai-iti Loch Lomond AB43
Moneymore Crossbow AH6E (QA) (ET)
Richmond Tamara 37/AT8

DAM: Levels Hans 3/AX131E (ET)
Moneymore Virginia
Moneymore Virginia BA21

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+ 3.5	+ 11	+ 19	+ 27	+ 35	+ 34	-	-
72%	41%	64%	68%	67%	54%	-	-

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBY	CWT
-	-	- 0.1	- 0.1	+ 1.6	-	+ 0.8	+ 20
-	-	48%	48%	41%	-	44%	56%

Full vendor guarantee. Birth weight 46kg.
'Cross Bow' sold at 2000 National, AE205 dam of 'Right Time'
sold to Waiwhare 2001 National Sale.

AUCTIONEERS: Wrightson

21

Kapiti Knight

VENDOR: B. & M.R. Mansell

TATTOO:
AK14HERD:
1519DOB:
11/7/00

SIRE: Tokaweka Rascallion 79/AR29
Kapiti Emperor AE4
Rissington Xpo 49AX367

DAM: Rissington Admiral AA347
Kapiti Geranium AG3
Kapiti Esme AE11

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+ 4.0	+ 9	+ 32	+ 43	+ 48	+ 40	-	- 1.3
74%	47%	69%	64%	66%	54%	-	51%

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBY	CWT
-	-	-	-	-	-	-	+ 29
-	-	-	-	-	-	-	54%

Top pedigree stacked with trait leaders.
Outstanding growth EBVs. Well pigmented eyes.
Used in service.

AUCTIONEERS: Wrightson

22

Waiwhare Khedive^{QA}

VENDOR: Waiwhare Simmental

TATTOO:
AK102HERD:
1477DOB:
2/8/00

SIRE: Rissington Barnaby AB639
Pouriwai Emperor AE21
Pouriwai 1276/AT518

DAM: Dunmore Cossack II
Waiwhare AA48
Rissington 49/AW79

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+ 0.7	+ 14	+ 18	+ 43	+ 43	+ 44	-	- 1.7
77%	52%	72%	73%	73%	61%	-	53%

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBY	CWT
+ 2.3	-	- 0.3	- 0.2	+ 1.0	-	+ 0.4	+ 29
50%	-	56%	56%	48%	-	52%	63%

Khedive shows great length and balance. His dam, AA48,
is a top performer and is also the dam of a Stud Bull sold at
last year's Beef Expo. Semen and service tested.

AUCTIONEERS: Wrightson

23

Puketawa Kienle^{QA}

VENDOR: Puketawa Simmental

TATTOO:
AK137HERD:
208DOB:
22/8/00

SIRE: SSR Red Gold D42 AD42 (imp Can.)
Puketawa Hora Hora AH101 (QA)
Puketawa AF34

DAM: Puketawa Choco AC105
Puketawa AE44
Puketawa AB40

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+ 2.9	+ 7	+ 27	+ 50	+ 62	+ 73	-	-
77%	39%	71%	70%	70%	57%	-	-

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBY	CWT
- 0.5	-	- 1.1	- 0.8	+ 0.8	- 0.1	+ 1.0	+ 37
69%	-	49%	49%	42%	32%	45%	59%

Polled grandson of 'SSR Red Gold'.
Carries the usual 3 season Puketawa guarantee (see the
Puketawa catalogue for details). Not used in service.

AUCTIONEERS: Waikato Farmers / Williams & Kettle

24

Trossachs Klaus

VENDOR: R.D. Stein

TATTOO:
AK22HERD:
1469DOB:
17/8/00

SIRE: Palini Mad AB159 (imp Aus.)
Trossachs AG176
Rotomara Xtravert 123/AX45

DAM: Munga Park Highway 2nd
Trossachs Oilphant AC112
Rissington 49/AY691

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+ 1.9	+ 6	+ 16	+ 25	+ 28	-	-	-
74%	40%	67%	66%	62%	-	-	-

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBY	CWT
-	-	-	-	-	-	-	+ 16
-	-	-	-	-	-	-	51%

A strong young sire going back to 'Munga Park Highway 2nd' and 'Palini Mad'. Excellent temperament. Not used in service. Semen checked.

AUCTIONEERS: Williams & Kettle

25

Glen Anthony Kojak

VENDOR: A.H. & G.M. Thompson

TATTOO:
AK87HERD:
299DOB:
19/8/00

SIRE: Tokaweka Rascallion 79/AR29
Glen Anthony Hyatt AH11 (ET)
Karewa Xcess 1249/AX94

DAM: Great Guns Ferdinand AZ13 (imp Can.)
Glen Anthony Glenelda AG57 (ET)
Glen Anthony Zelda AZ8

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+ 7.0	+ 10	+ 37	+ 47	+ 58	+ 56	-	-
74%	44%	68%	67%	63%	51%	-	-

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBY	CWT
-	-	-	-	-	-	-	+ 30
-	-	-	-	-	-	-	54%

This young bull is out of a full sister to Sgt Pepper with Rascallion on his sire's side. An upstanding young bull with great EBVs for growth. Not used in service.

AUCTIONEERS: Wrightson

26

Leafland Kenia^{QA}

VENDOR: Strauss Family, Leafland Farm

TATTOO:
AK16HERD:
1614DOB:
19/9/00

SIRE: Moneymore Centurion AC9
Thurston Glengray AG4
Thurston Chelsea AC19

DAM: Levels AA2 (ET)
Levels AC72
Levels AZ59

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+ 2.5	+ 5	+ 18	+ 26	+ 44	+ 55	-	-
73%	39%	67%	68%	67%	53%	-	-

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBY	CWT
-	-	+ 0.4	+ 0.3	+ 1.0	-	+ 0.3	+ 23
-	-	47%	47%	40%	-	42%	56%

Deep red coloured, well muscled, lots of bone, good temperament. Not used in service.

AUCTIONEERS: Wrightson

27

Hampton Downs Kassanova^{QA}

VENDOR: Hampton Downs Simmental

TATTOO:
AK37HERD:
1496DOB:
15/7/00

SIRE: Bar 5 Paymaster 1334D
Hampton Downs Hollywood AH34
Hampton Downs Evita AE7

DAM: Eldorado AC27843 (imp Aus.)
Hampton Downs Hotwire AH29
Hampton Downs Delighten AD57

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+ 3.3	+ 12	+ 30	+ 39	+ 44	-	-	-
73%	38%	62%	57%	59%	-	-	-

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBY	CWT
-	-	- 0.3	- 0.2	+ 1.0	- 0.1	+ 0.7	-
-	-	42%	42%	30%	28%	38%	-

Red, polled, deep ribbed, moderate framed well-fleshed easy doing bull. Sired by 'Hollywood', our Y2K Nationals bull out of a 2yr old polled 'Eldorado' daughter, this bull has everything. His pedigree is stacked with all the best bulls we have used in our programme.

AUCTIONEERS: Wrightson

28

Pinelee Kurdistan QA

VENDOR: G.M. & L.E. Bain

TATTOO:
AK23HERD:
1234DOB:
19/8/00

Hasalz

SIRE: **Klondike Hasalz 49E AE49 (imp Can.)**
Sim-Roc Gwen

Glen Anthony Yukon 299/AY42

DAM: **Pinelee Echo AE33**
Pinelee Ballerina AB23

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+ 3.5	+ 8	+ 20	+ 37	+ 31	-	-	+ 0.4
71%	35%	66%	64%	64%	-	-	51%

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBV	CWT
-	-	- 0.1	- 0.1	+ 1.0	+ 0.1	+ 0.4	+ 19
-	-	45%	45%	35%	28%	41%	51%

Best kept secret of the season! Total outcross on sire side.

See what Klondike Hasalz has done for us.
Kurdistan's dam is a half sister to Lady Di AD14.

AUCTIONEERS: Pyne Gould Guinness

29

Waiwhare Kamal QA

VENDOR: Waiwhare Simmental

TATTOO:
AK120HERD:
1477DOB:
23/8/00

Rissington Barnaby AB639

SIRE: **Pouriwai Emperor AE21**
Pouriwai 1276/AY948

Great Guns Karl 17C AC17 (imp Can.)

DAM: **Waiwhare F0037 AF37**
Waiwhare AA45

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+ 4.1	+ 12	+ 27	+ 50	+ 54	+ 54	-	- 1.6
76%	47%	71%	71%	72%	60%	-	52%

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBV	CWT
-	-	- 0.4	- 0.3	+ 1.2	-	+ 0.5	+ 28
-	-	56%	56%	47%	-	51%	61%

Another good Emperor son who has good length
and a powerful set of EBVs. Not used in service.

AUCTIONEERS: Wrightson

30

Puriri Kudos QA

VENDOR: Puriri Simmentals

TATTOO:
AK23HERD:
1234DOB:
19/8/00

Puketawa Yodel AY214

SIRE: **Puketawa Crack AC128**
Puketawa 208/AU23

Tokaweka Yippee 79/AU656

DAM: **Puriri BD126**
Puriri 1278/CY108

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+ 5.5	+ 16	+ 29	+ 39	+ 57	+ 63	-	-
76%	54%	69%	65%	65%	55%	-	-

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBV	CWT
+ 1.5	+ 2.0	- 0.8	- 0.6	+ 0.5	-	+ 0.5	+ 26
50%	36%	45%	45%	38%	-	42%	55%

A meat-making machine with some of the top growth genetics in
NZ on both sides of his pedigree. The first time Tokaweka Yippee
genes have been available at the National Sale.

AUCTIONEERS: Wrightson

31

Willowbrook AK47 QA

VENDOR: Willowbrook Simmentals

TATTOO:
AK47HERD:
1222DOB:
8/9/00

LS Lopez 88/AL120E (ET)

SIRE: **Tokaweka Dramatic AD408 (ET)**
Tokaweka Xebec 79/AX825

Willowbrook AD93

DAM: **Willowbrook Felicity**
Willowbrook Dodo AD102

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+ 1.5	+ 8	+ 13	+ 27	+ 27	+ 25	-	0.0
77%	47%	73%	72%	68%	54%	-	64%

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBV	CWT
- 0.1	-	- 0.1	- 0.1	+ 1.4	- 0.1	+ 0.8	+ 20
70%	-	57%	57%	49%	38%	54%	60%

Very quiet polled grass fed bull.
Not used in service.

AUCTIONEERS: Wrightson

32

Ailsa Knockout

VENDOR: Ailsa Farm Ltd

TATTOO:
AK8HERD:
898DOB:
20/8/00

SIRE: Coopental Terrific 921/AT2
Rissington Challenger AZ68
 Rissington 49/AX91E (ET)

DAM: Brocade Couper AC27
Ailsa G.R. AG776
 Ailsa G.R. AZ20

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+ 2.0	+ 15	+ 19	+ 30	+ 34	+ 34	-	- 1.7
76%	51%	70%	69%	66%	54%	-	50%

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBV	CWT
-	- 0.7	-	-	-	-	-	+ 20
-	35%	-	-	-	-	-	57%

'Challenger' is still being used at Ailsa.
 He is rising 12 years of age, and must be considered
 one of the great sires of the breed. Not used in service.

AUCTIONEERS: Wrightson

33

Waiwhare King^{QA}

VENDOR: Waiwhare Simmental

TATTOO:
AK103HERD:
1477DOB:
3/8/00

SIRE: Rissington Barnaby AB639
Pouriwai Emperor AE21
 Pouriwai 1276/AY948

DAM: Deutsche Loch 3456899
Waiwhare AC155 (ET)
 Rissington 49/AU816

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+ 0.1	+ 18	+ 13	+ 26	+ 30	+ 31	-	- 1.1
77%	51%	71%	72%	72%	60%	-	50%

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBV	CWT
-	-	- 0.1	0.0	+ 1.2	-	+ 0.6	+ 21
-	-	55%	55%	47%	-	51%	61%

'King' is a dark coated, red eyed bull whose dam 'AC155' was
 the grand Dam of Waiwhare "Jordana" sold at last year's
 Beef Expo for \$5,500. A very good heifer. Semen and service tested.
 Not used in service.

AUCTIONEERS: Wrightson

34

Willowbrook AK21^{QA}

VENDOR: Willowbrook Simmentals

TATTOO:
AK21HERD:
1222DOB:
19/8/00

SIRE: LS Lopez 88/AL120E (ET)
Tokaweka Dramatic AD408 (ET)
 Tokaweka Xebec 79/AX825

DAM: Glen Anthony Zeus AZ84
Willowbrook Cushla AC57
 Willowbrook Zita AZ14

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+ 3.2	+ 9	+ 23	+ 35	+ 41	+ 40	-	- 0.9
77%	51%	73%	73%	72%	60%	-	64%

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBV	CWT
-	-	- 0.3	- 0.2	+ 0.7	+ 0.2	+ 0.4	+ 22
-	-	57%	57%	48%	38%	53%	62%

Natural, very quiet, easy fleshing polled bull.
 Not used in service.

AUCTIONEERS: Wrightson

35

Ailsa Kite

VENDOR: Ailsa Farm Ltd

TATTOO:
AK53HERD:
898DOB:
5/9/00

SIRE: TFS Arizona AY7 (imp USA)
Tokaweka Falcon AF605 (ET)
 Tokaweka Ursula 79/AU674

DAM: Rotomara Y-Clip 123/AY24
Ailsa G.R. BD4157
 Ailsa G.R. 898/CY9153

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+ 1.8	+ 12	+ 19	+ 25	+ 25	-	-	-
76%	44%	70%	68%	63%	-	-	-

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBV	CWT
-	-	-	-	-	-	-	+ 14
-	-	-	-	-	-	-	53%

This bull is polled. His dam is considered
 one of the top cows in the Ailsa herd.

AUCTIONEERS: Williams & Kettle

36**Cornwall Park Locomotion**

VENDOR: Cornwall Park Simmentals

TATTOO:
AL1**HERD:**
1020**DOB:**
9/6/01

SIRE: Glen Anthony Sgt. Pepper AC27
Wai-iti High Riser AH44 (QA)
 Wai-iti Paula 5 AE33

DAM: Glen Anthony AD23 (ET)
Cornwall Park Go Go Girl AG125
 Pahihi AW405

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+ 3.8	-	+ 17	+ 27	+ 35	-	-	-
72%	-	59%	55%	56%	-	-	-

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBV	CWT
-	-	-	-	-	-	-	+ 14
-	-	-	-	-	-	-	53%

Locomotion has depth of rib and
 length of body - fully pigmented.

AUCTIONEERS: Wrightson

37**Ladburn Larriken**

VENDOR: A.A. and L.A. Partridge

TATTOO:
AL205**HERD:**
1168**DOB:**
18/5/01

SIRE: Rissington Barnaby AB639
Ladburn Jarrah AJ7 (QA)
 Ladburn Chiffonette AC29

DAM: Ohio Zubin AZ15E (ET)
Ladburn Cautional AC14
 Ladburn X-pensive 1168/AX32

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+ 3.1	+ 8	+ 20	+ 31	+ 39	-	-	-
55%	39%	51%	46%	48%	-	-	-

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBV	CWT
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

AUCTIONEERS: Wrightson / Pyne Gould Guinness

38**Glen Anthony AL4**

VENDOR: A.H. and G.M. Thompson

TATTOO:
AL4**HERD:**
299**DOB:**
14/6/01

SIRE: Arni 8M
Great Guns Ferdinand AZ13 (imp Can.)
 Great Guns Toni 4U

DAM: Glen Anthony Aristocrat AA44
Glen Anthony Della AD16 (ET)
 Russley Nelda 1126/AN35

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+ 3.9	+ 15	+ 15	+ 26	+ 28	+ 26	-	+ 2.2
72%	56%	68%	64%	64%	55%	-	57%

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBV	CWT
-	-	-	-	-	-	-	+ 1.4
-	-	-	-	-	-	-	55%

An outstanding bull with natural balance,
 exceptional muscle expression and already a great sire's outlook.
 NB. "Della" is one of the best milk performers in the breed today -
 could this be another "Sgt Pepper"? Not used in service.

AUCTIONEERS: Wrightson

39**Glen Anthony AL14**

VENDOR: A.H. and G.M. Thompson

TATTOO:
AL14**HERD:**
299**DOB:**
18/6/01

SIRE: Glen Anthony Sgt. Pepper AC27
Glen Anthony Guinness
 Glen Anthony Zoe AZ4

DAM: Dunmore Hansa ADCP-WO17
Glen Anthony Celebration AC96 (ET)
 Glen Anthony Lillie 299/AL24

BW	200 M	200 W	400 W	600 W	Mat W	Mat V	Gest
+ 1.9	+ 11	+ 12	+ 21	+ 26	-	-	-
69%	46%	62%	59%	58%	-	-	-

SS	DC	P8 Fat	Rib Fat	EMA	IMF	RBV	CWT
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

A Fleckvieh sire of the future. This young bull has exceptional
 depth and thickness for his age. Look at his pedigree -
 out of one of our best blond cows.

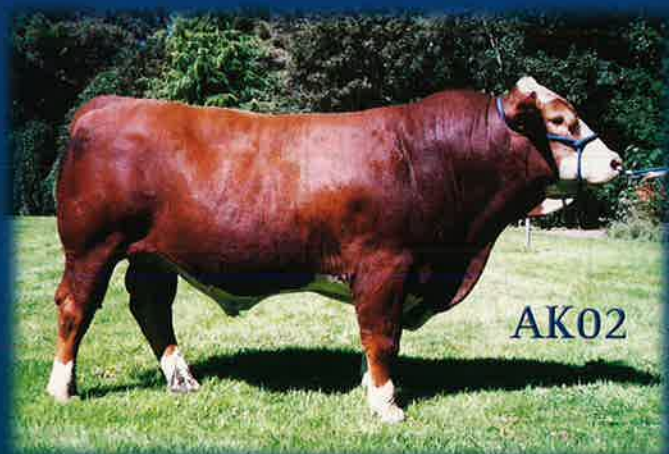
AUCTIONEERS: Wrightson



Bar 5 Kalgery / Karewa Ebony
embryo calves

LEAFLAND SIMMENTALS

Herd 1614 • Strauss Family



AK02

Leafland Kilimanjaro

NATIONAL SALES ENTRY
Palmerston North
20 May 2002

SIRE: Puke Puke Brent
DAM: Karewa Ebony
BORN: 10 August 2000
WEIGHT: 860kg (25/02/02)

Birth Wt	200 MILK	200D Wt	400D Wt	600 Wt	RUMP FAT	RIB FAT	EMA
+4.1	+6	+28	+47	+62	-0.6	-0.4	+1.6
76%	54%	71%	72%	71%	52%	52%	44%



AK16

Leafland Kenia

NATIONAL SALES ENTRY
Palmerston North
20 May 2002

SIRE: Thurston Glen Gray
DAM: Levels C72
BORN: 18 September 2000
WEIGHT: 806kg (25/02/02)

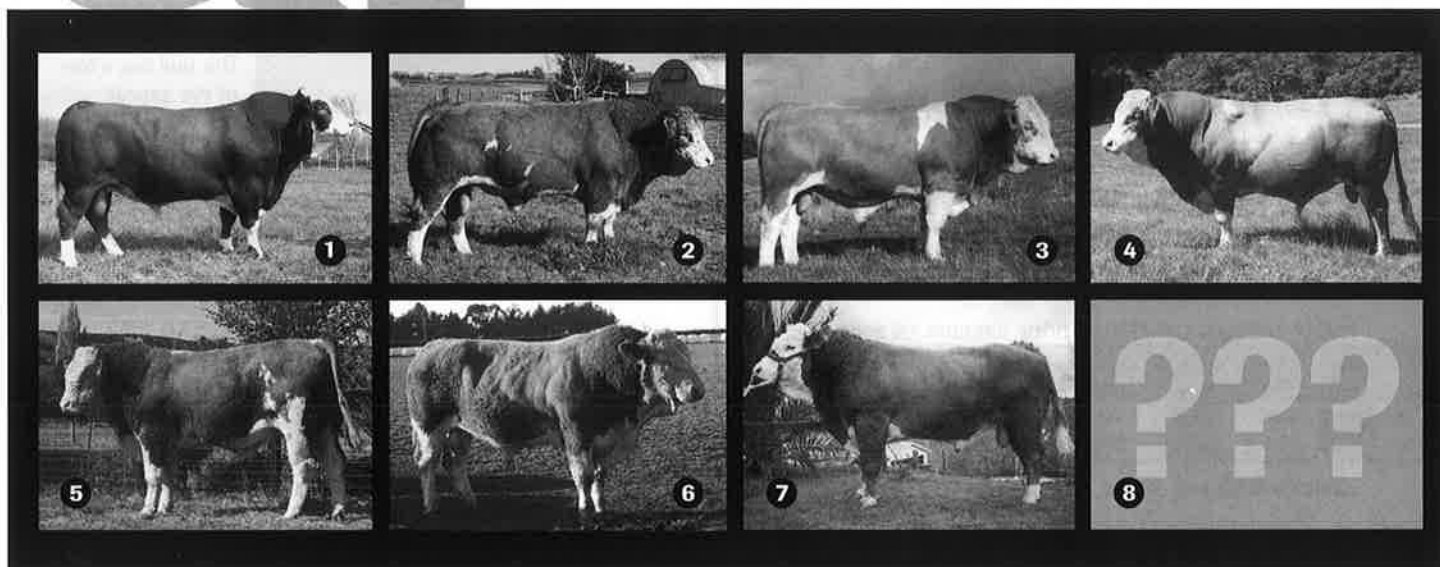
Birth Wt	200 MILK	200D Wt	400D Wt	600 Wt	RUMP FAT	RIB FAT	EMA
+2.5	+5	+18	+26	+44	+0.4	+0.3	+1.0
73%	39%	67%	68%	67%	47%	47%	44%

Annual Sale at Palmerston Saleyards during the Southern Simmental Sale Week - 23rd May '02



Everd and Marié Strauss, Waironga Road, R.D.2 Mosgiel, Otago, New Zealand
Telephone/Fax: (03) 489 7521 • Mobile: (025) 248 5024 • e-mail: strauss@es.co.nz

ai Sires Directory 2002



Double polled
Bavarian Fleckvieh.
Grandson of Zamuto.
Double bred back
to the great Haxl.
Solid dark red
patterned with huge
goggles both eyes.
Lots of muscle with
incredible depth
through his quarter.
Clean shoulder.
Moderate framed.
45kg birthweight.
47cm scrotal.

Hampton Downs Zimbo



Zamur
Zamuto
Sandra
Ziko
Herbert
184
384

Empau
Emil
Berta
335
Herbert
184
384

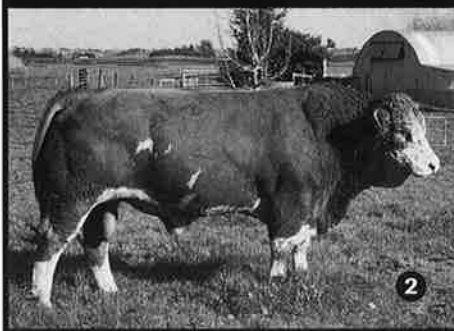
TRANS-TASMAN SIMMENTAL GROUP BREEDPLAN 2002

	BW (kg)	200day w(kg)	400day w(kg)	600day w(kg)	Milk (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)
Ebv								
/acc								

Semen \$75 per straw (minimum 10 straws)

Contact: Malcolm and Ngaire Entwisle
Hampton Downs Rd, RD 2, Te Kauwhata
Phone/Fax 07-826-3194 / Email malcolme@ihug.co.nz

Singing Hills Damien (1106/AD7)



S.H. Damien is a
real performance
sire who leaves
length in all his
progeny while
maintaining a
moderate birth
weight. Sons have
sold well at the
Waikato & Districts
Simmental Club
Sale. Semen is in
limited supply.

Scottish Striker
Tokaweke Rascallion
Pukehuia 706/BJ2

Single Nick Double Time
S.H. 1106/AX37
S.H. 1106/BM6

TRANS-TASMAN SIMMENTAL GROUP BREEDPLAN 2002

	BW (kg)	200day w(kg)	400day w(kg)	600day w(kg)	Milk (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)
Ebv	+2.6	+31	+49	+66	+5	+2.4	-1.1	-1.5
/acc	95%	93%	93%	91%	82%	59%	70%	70%

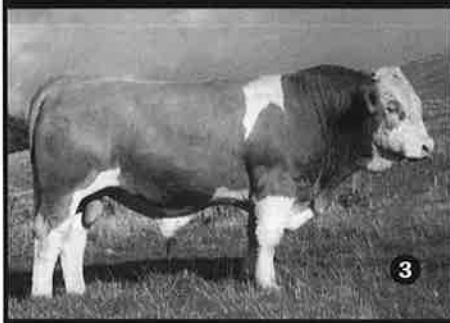
Semen \$60 per straw (minimum 5 straws)

Contact: Peter or Anna Scott
592 Te Raumauku Road, Otorohanga
Phone/Fax 07-873-8413

Glen Anthony Sgt. Pepper (299/AC27)

One of the breed's most prepotent sires.

Proven sire of quality females with outstanding udder conformation and milk supply. Sons are docile, exceptionally well-muscled with volume and great constitution.



Arni 8M
Great Guns Ferdinand
Great Guns Toni

Kilbride Farm Nevada
Glen Anthony Zelda
Russley Nelda

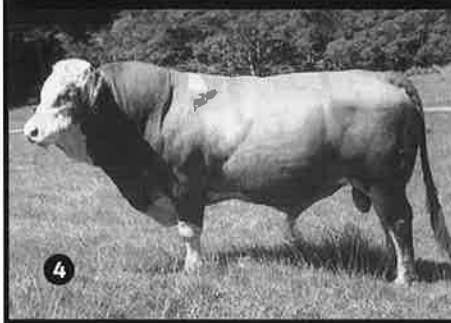
TRANS-TASMAN SIMMENTAL GOUP BREEDPLAN 2002

	BW (kg)	200day w(kg)	400day w(kg)	600day w(kg)	Milk (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)
Ebv	+5.6	+28	+46	+60	+18	+1.6	-0.1	-0.3
/acc	97%	95%	95%	94%	85%	69%	79%	79%

Semen \$50 per straw (minimum 40 straws)

Contact: Peter & Sue McWilliam, Maungaraki Cattle Co.
Admiral Hill Rd, Gladstone, Masterton
Tel. 06-372-7724 / Fax 06-372-7770 / Mobile 025-222-7649

Tokaweka Dynamic (AD403-ET)



Tokaweka Dynamic is a well balanced, heavily muscled bull with an excellent top line and strong legs. He has 100% eye pigmentation. Dynamic has tidy reproductive parts and has an impeccable temperament. This bull has a ton of eye appeal.

Hartwig L1100
MMB Herman 9101169
Freude H 42883 P
L.S. Lopez 88/AL120E
Peron
Lands Geisha T350914
Gina

Scottish Striker 4693895
Rokaweka Rascallion 79/AR29
Pukehuia 706/BJ2
Tokaweka Xebec 79/AX825
Tokaweka Pluto 79/AP6
Tokaweka Toffee 79/AT549
Tokaweka Pavlova 79/BP324

TRANS-TASMAN SIMMENTAL GOUP BREEDPLAN 2002

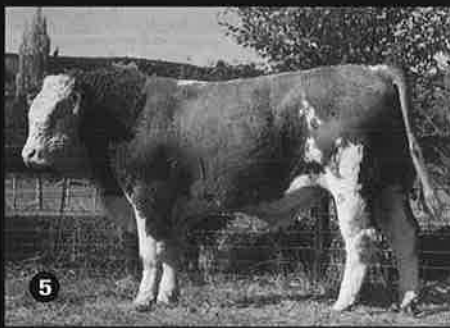
	BW (kg)	200day w(kg)	400day w(kg)	600day w(kg)	Milk (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)
Ebv	+0.8	+20	+39	+46	+9	+1.4	-0.5	-0.8
/acc	84%	83%	84%	83%	68%	58%	69%	69%

Semen P.O.A.

Contact: WJ & EM Mackey, Cariboo Simmentals
21 Peach Orchard Road, RD 4, Hikurangi, Northland
Tel. 09-433-9718 / Fax 09-433-9718

Levels Hans (0003/AX131)

Hans continues to still go on R-13. His progeny speak for themselves. Natural doing, sound quiet cattle. He is the backbone of many herds. His progeny will leave easy doing cattle that can shift. With +18 milk, his daughters will produce well for years. He has proven himself.



HaxL
Hassan
Anette
Larsen
Mingo
Fee
Friese

Birner
Bimbo
Bella
Berta
Streibl
Blume
Bambi

TRANS-TASMAN SIMMENTAL GROUP BREEDPLAN 2002

	BW (kg)	200day w(kg)	400day w(kg)	600day w(kg)	Milk (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)
Ebv	+0.5	+2	+6	+3	+16	+2.3	+1.0	+1.3
/acc	96%	96%	96%	95%	92%	68%	78%	78%

Semen \$40 per straw (minimum 10 straws)

Contact: Craig Martin
Enterprise Cattle Company
Telephone 03-544-2788 / Fax 03-541-8308

Moneymore Cardshark



A natural doing, very sound sire. His progeny are proving to be very easy cattle with very impressive soundness. An easy calving sire suitable for yearling heifers. Sons and daughters have won many championships in the showing. "A proven sire."

Hassan
Larsen
Fee
Levels Hans 3/AX131E
Bimbo
Berta
Blume

RBR Legacy
WSR Super Sport
WSR Miss Western
Moneymore Laura AZ60
Risingholme Richard 131/AR18
Moneymore 1308/AX18
Moneymore 1308/BU86

TRANS-TASMAN SIMMENTAL GOUP BREEDPLAN 2002

	BW (kg)	200day w(kg)	400day w(kg)	600day w(kg)	Milk (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)
Ebv	+2.1	+16	+36	+33	+11	+2.0	+0.6	+0.9
/acc	89%	85%	84%	83%	68%	56%	65%	65%

Semen \$50 per straw (minimum 5 straws)

Contact: A.A. & L.A. Partridge
Glenalla Farm, Sedgemere, No. 3 RD, Leeston
Telephone/Fax 03-324-2733 / Mobile (025) 393-958

Gideon is everything we expected. His first calf drop are a delight to see. Gideon's pedigree is stacked with trait leaders. A bull renowned for freedom of movements.

Beautifully set in shoulder. Great boning. Muscle patterns supreme. Set on legs and feet that will last for years.

Haylands Gideon (1562/AG51)

Resident Sire of Misty Moor Simmental Stud



ABR S.I.R. Arnold G809 320938
Bar None Shareholder AW174623

Bar None Laika

Waingaro AD83

Glen Anthony Thomo 299AX21

Waingaro AA29

Waingaro AA29

Waimiro 294-AU159E (ET)

Malvern Downs 1152 AY1

Malvern Downs Natalie AN4

Glenside Belly Dancer AB242

Marfrey William AW84 (ET)

Glenside Sunspot AZ64

Ohu 573 AU216

TRANS-TASMAN SIMMENTAL GOUP BREEDPLAN 2002

	BW (kg)	200day w(kg)	400day w(kg)	600day w(kg)	Milk (kg)	EMA (sq.cm)	Rib (mm)	Rump (mm)
Ebv	+2.1	+19	+14	+37	+9	-0.7	-0.1	-0.2
/acc	84%	84%	81%	79%	52%	46%	56%	56%

Semen \$65 per straw (minimum 10 straws)

Contact: Bill & Helen Woolston, Misty Moor Simmentals
Patoto Road, Mokauiti, RD 3, Te Kuiti 2500
Telephone/Fax 07-877-6817

Hampton Downs Bar 5?

8

We only wish we could be more specific...

...but the reality is that as this magazine is going to press, the 2002 Spring crop of Bar 5 South African full fleckvieh bulls are about to be sold.

We wish to add to our own South African programme of Kalgary and Vuurslag with one of the new offerings out of Africa and will definitely be bringing another down from the Bar 5 programme this year. Our problem is that we simply don't know which one of the twenty top sires that are on offer will be most easily available to us. That is in the lap of the Gods and the whims of the international bench of buyers that will be in attendance at their sale.

We have SA Benz 415L and we will work on bringing down more of these genetics when we can receive confirmation from the buyers of other lots of their agreement to sell to New Zealand.

The Bar 5 SA programme's objective is to recapture the old German type of cattle, before Europe became more focussed on milk production and higher frame scores. These cattle are lower frame while maintaining the high muscle gain necessary for the beef industry.

Balanced Beef Simmental/Fleckvieh with moderate frame score and with high muscle gain. Calving ease is a major criteria, as is pigmentation.

Any Breeder wishing to be kept informed of genetics that we will be importing should register their interest with us to avoid missing out.

Contact: Malcolm and Ngaire Entwisle
Hampton Downs Rd, RD 2, Te Kauwhata
Phone/Fax 07-826-3194 / Email malcolme@ihug.co.nz



For all your Artificial Breeding Requirements

- Embryo Transfer Technology
- Semen Collection & Processing
- Bull Testing

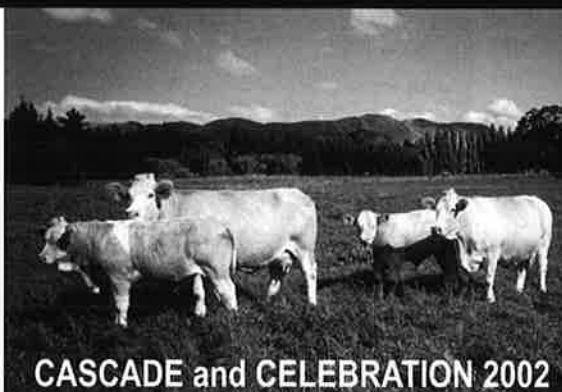
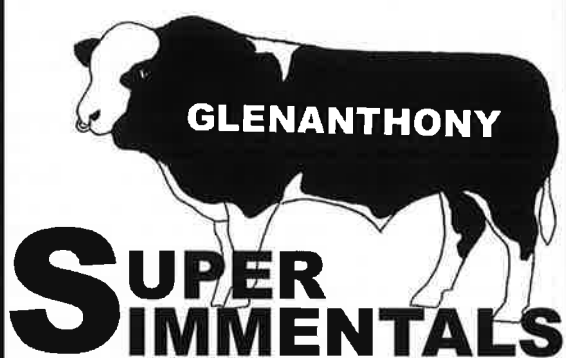
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SIMMENTAL BULL TESTING STATION

Simmental NZ are embarking on an exciting new initiative this year – the Simmental Bull Testing Station.



Thirty bulls are to be assembled on one farm from the early May 2002 and they will be run together under for a twelve month period before being sold at the National Beef Expo, Palmerston North in May, 2003.

Top weaner bull calves will come from studs from Te Anau to Kaitaia and they will be bought together on Ian Harvey's Kimbolton, property near Feilding.

Simmental President Peter McWilliam says the bull testing station will be another major step to help take the guess work out of bull selection.

"The introduction of the scheme was partly in response to criticism from commercial breeders who found it difficult to assess and compare bulls presented at the National sale because of the different environments and feeding regimes."

The bulls will undergo the same selection criteria as in the past to ensure quality at the National sale is not compromised. It is anticipated, at this stage, that around 70% of the bulls entering the station will make it into the National sale line up.

All bulls entered from the testing station will be sold in the unled section.

The bulls will be run on medium hill country at 1700ft above sea level. The land has traditionally been used for bull beef finishing and lamb finishing. It is generally safe country with a reliable summer rainfall. However, winters can be severe.

Ian Harvey is a competent bull finisher and has the block the bulls will be run on in short term high powered pastures to ensure optimum growth.

Bulls have to be a minimum weight of 310kg when entering the station and after discussions with Ian Harvey and his consultant, it is anticipated that bulls should reach near to 800kg by sale time.

Bulls coming to the station must start on the same footing. Therefore, bulls must not have been given drench capsules. On arrival they will be given an quarantine drench, BVD vaccination and 5 in 1 injection and from then on the animal health regime will be the same on all bulls.

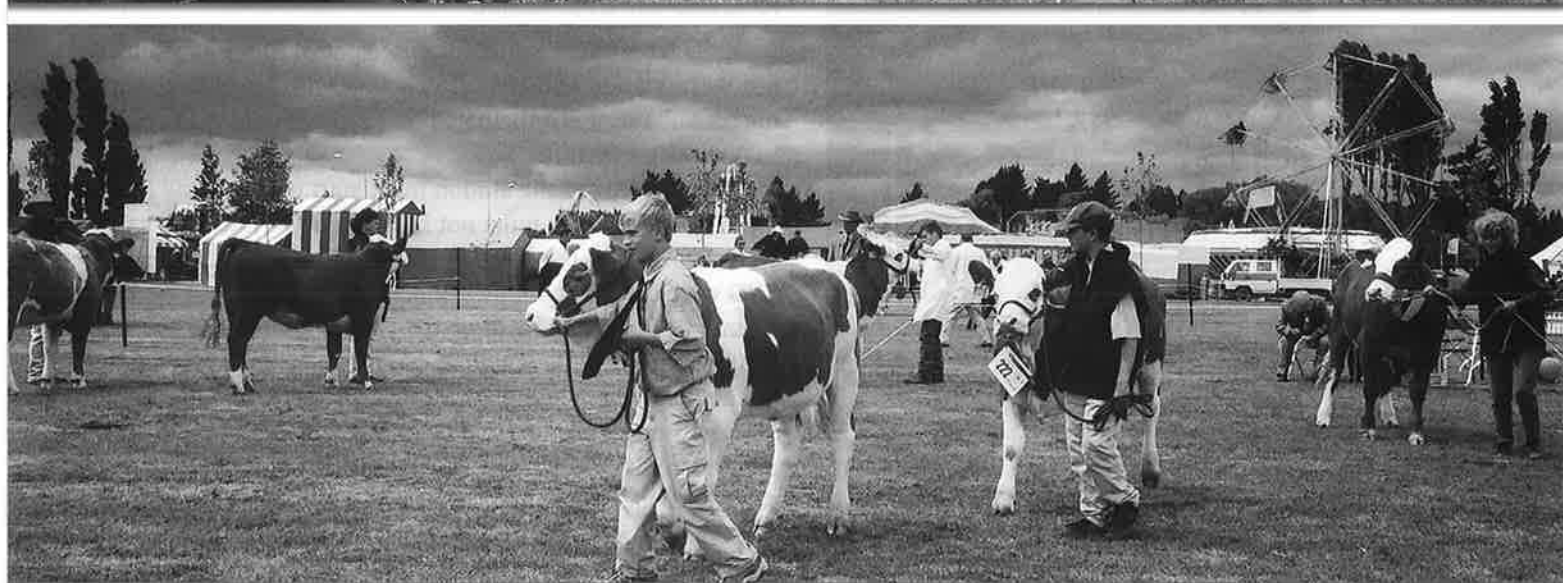
The bulls will be weighed on a regular basis to ensure target weights are being achieved.

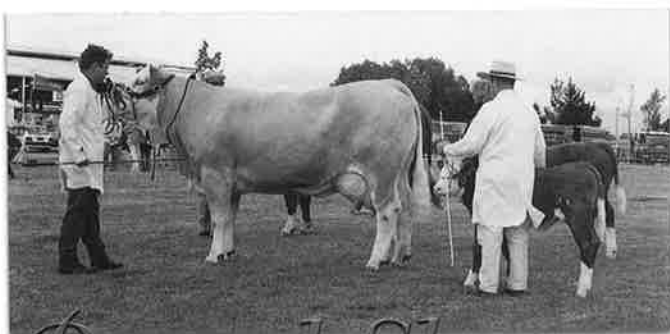
Commercial farmers will be able to buy with confidence and the knowledge that all bulls in front of them have been run under the same conditions for the majority of their life.

A public open day will be held at Ian Harvey's property prior to the National sale to enable interested persons to view the bulls and the system as it had been operating for the past year. This open day will be held on May 1, 2003.

Bulls offered from this scheme at the National sale will be scanned for EMA, semen tested and will have QA status under the Simmental NZ stock classification scheme.

It is hoped that Simmental NZ can take this exciting project a step further in the years to come with a progeny test. Simmental NZ are currently in discussions to try and initiate a progeny test to test the top performing bulls from the Bull Testing Station. This would enable Simmental NZ to track the bull's progeny from conception to post slaughter.





Royal Show Canterbury 2001

Simmental had a very successful Royal show at Christchurch in mid November. Entires were up on previous year's and we would like to thank all those exhibitors who put a lot of their time in to make a successful show. We would also like to thank the Canterbury club for going to so much trouble to make a colourful and interesting display to promote the Simmental breed. It was good to see they were rewarded for their efforts with the Emerald Hill Agricultural Trophy.

The honours of Supreme Champion Simmental went to Graeme and Lorraine Bain from Pinelee Stud, Middlesmarch. When it came to picking the Supreme from the Grand Champion male and Grand Champion female the Bain's were assured of the top honours but it was just up to judges, Tony Thompson and Grant Latimer, to decide whether it was going to be the Bain's cow or yearling bull.

After considerable deliberations they decided to go for the cow, Pinelee Lady Di. But which ever way they went they were going to keep it in the family. Pinelee Lady Di is the Grand Champion bull, Pinelee Klondike's mother.

The second day of the show proved to be Klondike's day. He was awarded the junior Meat and Wool cup during the National Bank Interbreed Judging. Then in the All Breeds awards he was placed third in the yearling bull section.

Tony and Lorraine also had some success in the All Breeds classes. Their cow Glenalla Panache was placed third in the class for a cow over three years and her own calf.

It was great to see the Sixtus boys as such keen exhibitors and we hope they will continue showing in the future.

Simmental Results

Grand Champion Female & Champion Senior Female:
G & L Bain, Pinelee Lady Di

**Reserve Grand Champion Female
& Champion Yearling Heifer:**
A & L Partridge, Ladburn Komplete

Reserve Champion Senior Female:
A & L Partridge, Karewa Grand Lady

Reserve Champion Yearling Heifer:
B & T Aldridge, Glen Anthony Kiri

**Supreme Champion Simmental,
Grand Champion Male & Champion Yearling Bull:**
G & L Bain, Pinelee Klondike

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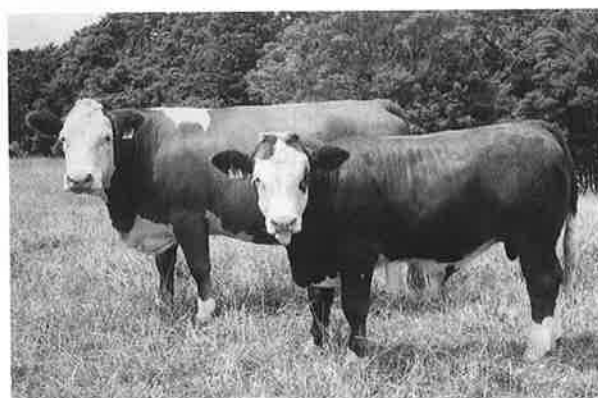
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Simmentals Hit Premium Weight Ranges

Infusing Simmental genetics into an Angus Hereford cow base has enabled Southland farmer, Warwick Day, to hit the premium weight ranges with 18 month old cattle.

Warwick can now achieve 270 to 300kg carcass weight with his 18 month cattle and that moves them into the grades where the money is the best.

"Once you get below 270kg carcass weight the money drops off," says Warwick.

Warwick farms 808ha of rolling country, which runs up to 1200ft above sea level, about 15km from Winton. Around 80% of the property is developed pasture and the remainder is in farm woodlots and undeveloped pasture.

The property receives between 1000 and 1200mm of evenly spread rainfall and has a 100 day winter.

He winters 130 Angus Hereford Simmental cross cows, 20 heifer replacements, 60-100 finishing cattle, 4000 Romney ewes and 1500 replacement ewe hoggets.

Simmental bulls have been used for the past 20 years by Warwick's father and more latterly Warwick. They were first used purely as a terminal sire. However, a decision has now been made to move towards a purebred Simmental cow base to increase the quality of beef produced. This is a long process but slowly Warwick is achieving his aim.

As the cattle have moved more towards Simmental, cow numbers have dropped but the monetary returns have remained the same and the real benefit is there are less hooves in the winter.

Cow numbers will reduce more over the next few years as Warwick further develops the property.

"We will reduce the cows but will move towards finishing all the offspring," says Warwick.

"We've stuck with the Simmental because I like the look of them, they suit my purposes and what I'm trying to achieve with finishing cattle."

He likes the individuality of Simmentals. "Their variation in colour and their different patterns means you can pinpoint individual animals around the farm."

"We never wanted to two winter stock and with the Simmental we can get them to good weights without having to two winter them."

"When we first got Simmental temperament was a big factor but now we have very few temperament problems. They are very placid – I can almost pat the steers and heifers," he says.

Wet winters and the temperament of the cattle in the early days contributed to a decision to winter steers indoors for three months. The cattle became very quiet dur-

ing their time indoors and pugging was minimised.

"It worked very well. They put on weight while they were indoors and all they got was balage and hay," says Warwick.

"Actually you got quite attached to them."

However, increased dairying in the area has made competition for pad material fierce. That, combined with the fact that, many sawmills are now burning sawdust to fuel the mill, has made pad material scarce and expensive. These factors and a lack of labour made Warwick look to alternative wintering methods.

The rising one year cattle are now wintered on turnips,



balage and a bit of hay from June to October. They are now quiet enough to easily be handled on turnips over the winter.

After weaning the calves are rotated around in two mobs in front of the ewes to keep pastures even and get rid of the fertility buildups. They are then put onto a rough pre winter block of saved pasture until June when they go onto the turnips.

Around 30 ha are planted in turnips each year and this feeds the calves and ewe hoggets over the winter. However, there is some flexibility in the system for ewes. If feed is tight after scanning the single bearing ewes can go onto turnips also.

The calves are drenched at weaning and then again once they come off the turnips in early spring. They are rotated with lambs over the summer and usually Warwick starts selling the 18 month steers in mid March. This year he has held off and won't see them until May or June. In autumn Warwick has struggled to contain pasture so he has kept the cattle to do this and will also hope to take them to heavier weights.

Heifers are usually sold in January or early February but because he has had to rely on natural water he hasn't taken heifers through for the last couple of years.

However, a new water scheme has been developed over the past three years and now Warwick is prepared to take more cattle through.



The water scheme and further development of undeveloped country will enable Warwick to take basically all progeny through from now on.

"We will still sell the bottom end, which may only be ten in the long run," says Warwick.

Natural water was a big deterrent to Warwick. He was always putting up electric fences around streams to stop the cattle fouling the water up. At times he would spend half a day dislodging sheep from fouled up water areas.

The cows calve in mid September and calving is over a three cycle period.

"It was a bit spread out last year and we put that down to a dry previous autumn," says Warwick.

(continued on the next page)

Environmental Award Tribute to Hard Work



Warwick Day confesses that he is environmentally sensitive but denies he is a 'greenie'.

The Southland farmer was awarded an environmental award in 1999 and is very proud of it.

Wetlands and protecting these areas has always been important to Warwick. He's a keen fisherman and can see the problems affecting the wetland areas. His attitude is, if it is already there why wreck it. "I don't believe in burning natural vegetation and planting the area in exotics," he says.

Trees and preserving the natural environment is one of Warwick's hobbies.

He currently has QE2 covenants on wetlands and red tussock areas and is currently in the process of getting a gecko covenant, which will be the first of its type.

"We've got an area of rock outcrops and we're going to fence them off and put an open space covenant there for the geckos," says Warwick.

"As children we used to go away in the morning and not return until night from fishing and hunting."

"I have always loved the outdoors," he says.

Water quality and land stewardship are important to Warwick. He says it makes for a good working environment. "Within your working environment you just have to go over the fence and there's lots of plants and wildlife to look at."

"When you start taking an interest in the area around you, you become more aware of what's there and there are some quite rare plants when you start having a look," says Warwick.

"It's something I enjoy doing and seeing what I have achieved inspires me to do more and achieve more."

Warwick's father didn't have a cultivated paddock when he came to the property and as he developed the farm he pinpointed areas of natural value and preserved them.

Warwick has continued in this vein and has also made a conscious effort to enhance what is already there.

Lambing Percentage Nearing Target of 150%

Sheep will become dominant on Warwick Day's Southland property as more development is completed.

He winters runs 4000 Romney ewes and 1500 replacement ewe hoggets, finishing all other lambs at around 18kg.

As further development occurs on the 808ha property cow numbers will diminish and sheep numbers increase. Warwick is aware of the larger workload sheep bring and may look at other options also. One is utilising the large dairy industry he has on his back door.

"We could take Hereford Friesian cross weaners through but it would depend on whether we could finish them before the second winter," says Warwick.

Sheep are proven performers on rolling Southland country and with performance at 140-143% lambing and lambs killing at 18kg carcass weight they would be hard to beat.

Ewes lamb in mid September and are sorted at mating according to their wool types. Those with a type Warwick isn't happy with are mated to the Suffolk but the majority go to a Romney.

He keeps the system very simple and is not prepared to try composites. "We are getting good performance and I'm not prepared to go to composites because you don't have anything at the end of the day," says Warwick.

He's targeting 150% lambing and would be totally satisfied with sheep performance if he could achieve that.

"Once you get over that you are heading into more trouble because you would get more triplets and they are a waste of time," says Warwick.

"We don't mate hoggets because once I've done one lambing I've had a guts full and I don't want to fiddle around with hoggets."

Pneumonia is a major problem in Warwicks hoggets. Last year he lost 150 with it. Southland is bad for it and once Warwick sees an animal with it he treats it and sends it to the works.

"They are never any good once they have had it. They pack up as two-tooths when the pressure comes on," says Warwick.

This year he vaccinated all hoggets to try and keep on top of it. He's only had one case and it hasn't even been evident on the killing sheets.

"Usually it starts to come through on the killing sheets in early March and we haven't had one," says Warwick.

The hoggets have to be vaccinated twice and it is quite expensive but could be worth it if losses are reduced substantially.

Last season lambs killed averaged 18kg and this year it looks to be even better. By the end of March everything had been over 18kg.

However, Warwick was probably going to kill the next lambs at between 17 and 18kg because he believes it is better money. There was a greater return to be made on what they were consuming at that weight.

The first draft of lambs goes the week before Christmas at weaning and the aim is to have all or at worst, all except 100 gone by the end of April.

A good growing season had meant that Warwick was well ahead in numbers of lambs killed and weights this year.

He sells on lambs and cattle when they are ready and doesn't have any contracts. He says contracts would involve more work in sorting and weighing and when you are on your own you can't afford the time. Also, they don't offer you as much flexibility and that is a key to his system.

(continued from the previous page)

"They got down in condition a bit and it took a fair bit of time for them to pick up again. We didn't have supplements to feed them in the spring to get them back up."

"There were a fair few old cows also which didn't help," he says

All heifers are calved as two years and they go to a Murray Grey bull for their first joining.

"The Murray Grey Simmental is a great cross. They are very good, nice, solid cattle with a great temperament," says Warwick.

The bottom calves are sold as weaners and the rest are taken through to 18 months with the Simmental.



"Those sold as weaners are sought after by finishers because they finish easily by 18 months," says Warwick.

After calf marking and TB testing in early February the cows are bought to the paddocks where they are taken through until weaning. They are great for tidying up the paddocks and it gives their undeveloped winter and spring block a spell.

After weaning they go back to the two blocks, totally 189ha of partly developed pasture. The grazing on these blocks is getting more depleted as Warwick further develops more land and the gorse and broom take over.

Simmental don't hack this wintering block as well as the Angus Hereford cows did but it is getting more demanding on the cows each year as the grazable area diminishes and the gorse and broom become more prevalent.

"The ones that suffer the most are those who go out there for the first time," says Warwick. "Persisting with the use of these blocks may have prolonged effects on mating but I don't know yet."

This year he is going to experiment with giving the cows more supplement on those blocks and will drop the numbers a bit further.

He says they pick up very quickly after calving with supplement.

In the long run there won't be a place for cows on the property because more and more of these blocks will become developed.



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A Few Tips on How to Improve Your Cattle Photography Skills

I am no expert, but after 30 years of trying to capture the perfect stance I have at least had plenty of practice. I have thousands of shots of foot prints and cattle disappearing into the sunset to prove it!

- 1 ALLOW PLENTY OF TIME.** Set aside a couple of hours and don't even consider a photo session unless you are in a relaxed frame of mind!
- 2 RECRUIT SOME HELP.** While you are getting ready to snap your helper can ease the animal forwards, backwards or sideways then come around to the front to capture his attention.
- 3 PICK A CLEAR DAY.** A bright cloudy day is perfect....no shadows! If bright sunshine, always have the sun at your back and avoid shooting 2 hours before and after mid day.
- 4 ALWAYS FILL THE FRAME.** A zoom lens is essential. The subject should always fill the frame. Chances are if you get too close he will take off just when you are about to snap!
- 5 PICK A FLAT, EVEN Paddock.** It is almost impossible to get a balanced photo if your subject is standing up or down hill or with a foot in a hole.
- 6 CONSIDER THE BACKGROUND.** A solid background is ideal. Look out for telegraph poles, crooked fence posts and other unwanted animals.
- 7 CONSIDER THE FOREGROUND.** 3 inches of grass is ideal; somehow it gives your animal tremendous depth! Look out for scotch thistles and stray dogs!
- 8 CORRECT STANCE.** A leg in each corner with near rear foot slightly back, head up looking forward and slightly towards the camera, alert and ears forward, should just see the tip of the off ear.
- 9 CORRECT CAMERA ANGLE.** Crouch, looking up at your subject and always side on slightly to the rear of centre.
- 10 PRINT QUALITY.** Ask for your photos to be developed in gloss, they reproduce much more clearly.
- 11 DON'T WRITE ON THE BACK OF YOUR PHOTO.** Write details of your subject on a sticky tab first then apply to back of photo.

I hope these tips are of some use. Good Luck!

Peter McWilliam

P.S. No matter how good or bad a photo is, if published it will be there for posterity... Human nature being what it is, we only remember the bad ones!!



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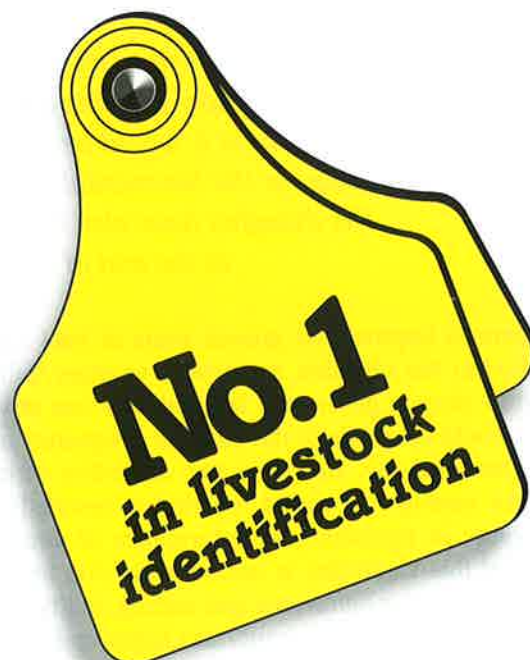
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Factors Affecting **PUBERTAL DEVELOPMENT** *in Bulls*

Dr Albert Barth, *Western College of Veterinary Medicine*

On a recent trip to North America Tony Thompson saw this article and thought it would be well worth reproducing for the Simmental Magazine. His thoughts have also been added at the end of the article.

Pressure to improve the growth traits of beef cattle has resulted in the selection and use of younger bulls in an effort to shorten generation interval. The use of yearling bulls would also reduce the cost per pregnancy over the bulls breeding life. However, the variability of onset in puberty among and within breeds has resulted in great variability in reproductive performance of young bulls. Much of this variability is undoubtedly due to the inadequacy in mating behaviour and mating ability, however, semen quality is also an important factor and it is important to understand the effect of the pubertal process on semen quality and quantity.

Puberty in a heifer is very visible as the first heat and can therefore be pin pointed as an event in time. Although fertility at first heat is somewhat lower than in adults, the ability to become pregnant coincides with puberty. In bulls, puberty is actually more difficult to define and observe. In bulls, puberty is actually a prolonged process beginning

with the onset of sperm production at extremely low numbers to the time at which a large number of normal spermatozoa are produced to result in a normal pregnancy rate. Therefore, we usually do not associate puberty in the bull as an event signaling fertility, but rather with a process with a defined onset and endpoint. Some of the factors that affect pubertal development include age, nutrition, breed, and selection for larger testicles size.

Effect of Age in Onset Puberty

Onset of puberty is usually considered to be the time when the first ejaculate has at least 50 million sperm per ml of semen with at least 10% having progressive motility. At this stage semen is watery and most sperm are abnormally formed. Onset of puberty occurs at roughly 10 months of age in bulls. The process of puberty, from its onset until the testicles are fully functional and semen quality has attained normal fertility levels (maturity), takes about four months. At maturity, sperm concentrations are 0.5-1 billion per ml of semen and most sperm are normally formed and motile.

Data in the following table gathered over many years at Western College of Veterinary Medicine shows that only about one third of beef bulls produce satisfactory quality semen at 12 months +/- 14 days of age. The majority of bulls will be mature at 16 months of age.

Percentage of bulls of various breeds with satisfactory Semen quality with increasing age

Age (mo)	Percentage with Satisfactory semen	Average scrotal circumference (cm)
12	26-41	33.9
14	53-67	35.2
16	80-90	35.9

Producers wishing to use yearling bulls in a November breeding season should try to select bulls born earlier in the year to have a good chance that the bull will be producing satisfactory semen. A few months makes a tremendous difference in the quantity and amount of semen a yearling bull may produce.

The following table shows the variation in age of onset of puberty in several breeds of bulls gathered from four sources over the past 25 years. Data such as this on the Simmental breed is sparse, but Simmental bulls would likely have a slightly earlier onset of puberty than any of the breeds shown in the following table.

Ranges in Age of Onset of Puberty

Hereford	273-364 days
Angus	273-350 days
Holstein	252-343 days
Charolais	231-371 days

It is evident from this data that some bulls within the same breed would mature as much as four months later than the earliest maturing bulls.

Effect of Nutrition on Onset of Puberty

Nearly all of the available data on pubertal development in bulls is from well-fed bulls in the post weaning period. Presently, there is very little information available on the effect of calf hood nutrition in later pubertal development. However, there is some indication that nutritional level in early calf hood may have a profound effect on later pubertal development.

The following table demonstrates a dramatic effect of calf hood nutrition on puberty. Thirty Holstein bulls were raised on different levels of energy from 1 week to 80 weeks of age. The low, medium and high energy rations, were planned to provide 60-75%, 100% and 140-160% of normal requirements. Semen was collected at 14 day intervals.

Level of Feed Intake

	Low	Med	High
Age (wks) at puberty	57	49	43
Weight at puberty (kg)	255	288	330
Number of ejaculates up to 80 wks	12	14	19
Sperm per ejaculate (billion)	2.3	3.8	3.7
60-90 day pregnancy rates	74.1	72.9	74.2

Studies such as this one have not been reported in beef calves. We are just beginning a study on the effect of calf hood nutrition in beef calves in collaboration with the Lethbridge Research Station.

The following table provides data from an Alberta study involving weaned beef bulls. Bulls were fed a high concentrate diet (high energy) or hay + half concentrate (low energy) diets for 168 day feeding period. Those on the highest plane of nutrition had the largest scrotal circumference, but the lowest semen quality.

Other studies have also found that weaned bulls placed on high energy diets have larger scrotal circumference measurements at 12 to 14 months of age than bulls on moderate energy diets (normal NRC requirements). In one study, Angus bulls were fed 133% or 95% of TDN requirements for 154 days, from 7 to 11 months of age. Bulls on the high energy ration had a larger scrotal circumference at the end of the trial, however, the weight of the testicles recovered at slaughter was not different between the two groups. The bulls on the high plane of nutrition had heavier scrotal weights due to fat. Excess fat in the scrotum could account for poorer semen quality in bulls on high energy diets in some reports. Furthermore, excessive energy intake in young bulls may result in abnormal foot growth and conformation due to laminitis and possibly abnormal bone growth plate development resulting in stiffness and lameness. High energy diets also increase the risk of rumen inflammation and liver abscesses which may lead to the infection of the vesicular glands.

Dietary Regimen

	High-high	High-low	Low-high	Low-low
No. bulls	21	26	25	20
Scrotal circumference	38.3	36.4	36.4	35.3
Total abnormal sperm	24.2%	15.2%	17.1%	16.4%

Effect of Breed on Onset of Puberty

Significant genetic variation exists between breeds of beef cattle for age at puberty. In general, faster growing breeds of larger mature size reach puberty at a greater weight than do slower-gaining breeds of smaller size. Breeds historically selected for milk production (e.g. Simmental, Braunvieh, Gelbvieh, Red Poll and Pinzgauer) reach puberty at significantly younger ages than do those breeds not selected for milk production (e.g. Charolais, Limousin and Hereford). There are great differences between breeds of bulls and testicular size at any given age. In general the large milk producing breeds have an earlier onset of puberty and develop larger testicles both at an earlier age and at mature age than smaller breeds of cattle that have lower milk production. Double muscled breeds such as Piedmontese, Belgian Blue, Parthenaise, Blonde

(continued on the next page)

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d'Aquataine and Limousin have later onset of puberty and smaller testicle size both at puberty and at maturity. Not many breeders have made an effort to select for larger testicle size in these breeds, consequently the breed averages for scrotal circumference remain small, however, some breeders have capitalised on the high heritability of testicle size and have made remarkable progress.

Relationship of Testis Size and Age of Puberty

Studies have shown that scrotal circumference may be a better indicator of early puberty than either age or weight, regardless of breed. In a USA study (see following table), scrotal circumference at onset of puberty averaged 28cm and ranged from 26-30cm.

Relationship of scrotal circumference with Onset of puberty in bulls

Onset of Puberty Scrotal Circumference

32 %	27cm
52 %	28cm
74 %	29cm
97 %	30cm

Among breed groups, very high correlations have been observed between scrotal circumference and bull age at puberty. Also, a very high correlation was found between breed means for yearling scrotal circumference and average age at puberty in heifer offspring; larger SC was associated with earlier age puberty in heifers. These very strong genetic relationships indicate that selection for larger scrotal circumference is essentially the same as selection for early puberty. Furthermore, moderate to high correlations were found between breed means for scrotal circumference and lifetime fertility of female offspring.

In summary, it appears that nutritional intake in early calf hood may have a profound effect on age of maturity in bulls. This needs to be studied. It appears that excessive energy intake after weaning will not hasten maturity beyond inherent genetic capability. The larger scrotal circumferences seen in yearling bulls that have been on high energy diets may be due to excessive scrotal fat rather than larger testicles. Excess scrotal fat is detrimental to semen production and high energy diets may affect the soundness of bull's feet, legs and accessory sex glands. Selection of bulls that are born early in the year and bulls that have better than average testicle size will improve the chances that a bull is ready to breed as a yearling bull in spring breeding seasons. Selection for large testicle size will result in earlier age at puberty and increased lifetime productivity of female offspring.

YEARLING BULL MATING

The Pros & Cons

Waipukurau veterinary Tony Thompson says the major factor farmers need to take into consideration when looking to use a yearling bull is the testicle size. Testicle size needs to be 30cm or greater. At that size 97% of yearling bulls are ready for mating.

"If you are going to buy a yearling bull make sure you measure the testicles and ensure they are 30cm in circumference or greater," says Tony.

Penis development is another important part of puberty. At birth the penis is quite small and quite strongly attached to prepuce (sheath). In the first year of a bull's life the penis grows relatively slowly with most of the increase in size occurring after puberty. The serving apparatus is not very big at puberty as it is the last of the reproductive organs to complete development. This can cause serving problems for a yearling bull and they should be watched closely when first put out with cows.

The penis starts separating from the prepuce (sheath) at four weeks of age but does not completely separate until 8-10 months of age. However, in a percentage of young bulls the connection is retained as a narrow frenulum and won't rupture until the bull's first service.

This will be accompanied by some bleeding and farmers should not be alarmed if they see some bleeding when their yearling bull serves for the first time.

In other cases the frenulum will persist and won't rupture on the first service. You may see the penis in a downward arc. If this is the case it will be extremely difficult for the bull to serve cows. In this case the bull may need to be operated on.

The New Zealand Beef Council is very keen on yearling bulls being used in the industry because of their immense source of genetic potential. It improves your rate of genetic potential and this can be improved even further if they are being mated to a yearling heifer.

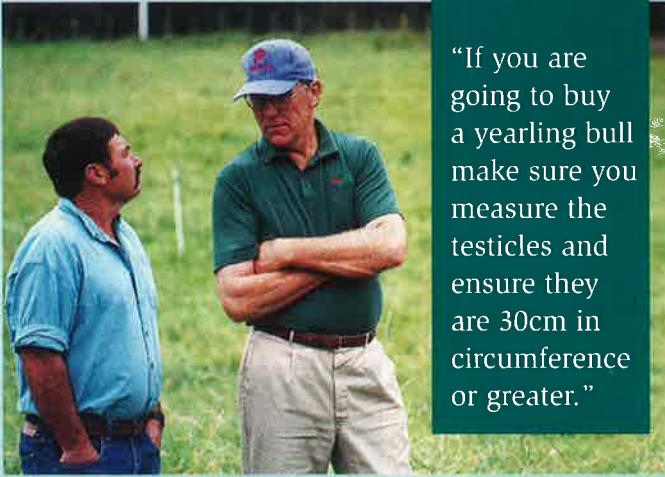
There is a feeling that, by using a yearling, you can extend the working life of a bull and instead of the average working life of a bull being four years it can be extended by a year.

Tony Thompson doesn't entirely agree with this and says it is a very broad statement. He believes it may be the case if a farmer is prepared to really look after the bull.

"The bull is still growing strongly and the farmer must be prepared to take responsibility and grow it out like a stud breeder would," says Tony.

Those in favour of yearling mating believe that yearling bulls are young, lean, fit, exuberant and free of structural problems that older bulls may have.

Do's



"If you are going to buy a yearling bull make sure you measure the testicles and ensure they are 30cm in circumference or greater."

Above right: Tony Thompson.

Tony says some in favour of yearling mating say you should look for a quality calf and be prepared to compromise the way the bull looks. They say the bull probably won't look ever as pretty as a bull that has been grown out well and sold as a two year old at around 800kg. This thinking also believes that bulls used as yearlings will be leaner and fitter for the rest of their life than those first used as two year olds. And because they aren't so heavy they will have less stress on their skeletal structure and are less likely to have breakdowns.

Tony doesn't agree entirely with this and believes that if you look after a bull purchased as a two year old well then it will serve you well also. He says that management of bulls is critical and it doesn't matter the size of the bull if the management is right.

Younger bulls are especially good for mating to yearling heifers and younger, smaller cows.

Farmers must be aware that they are younger and leaner, so therefore carry less body fat. This must come into consideration when deciding how many cows to give them and under what conditions they are going to be used.

It is essential that they are not competing either for food or breeding cows with older bulls. This will be detrimental to the success of yearling mating.

The risk farmers take with yearling bulls is that they are inexperienced and unless they have a good testicle size they may not perform to the farmers expectations.

Younger bulls tend to settle in better with breeding cows but good management must be used to ensure they do not break down at an early age. They must be put on quality feed during mating and in a smallish paddock so they can easily get around all the cows.

Another advantage of yearling bulls is that they are usually less costly to buy.

"Farmers must remember that the size of the bull has nothing to do with the birthweight of the calf and just because you buy a yearling it doesn't mean that you will get small calves," says Tony.

"If you want small calves you need to buy a bull with low EBVs for birthweight or if you are into actuals, a low birthweight. Or even better still buy a low birthweight bull out of a two year old heifer."

- Join yearling bulls individually or at worst with other bulls of the same age.
- Join to between 25 and 30 females – no more.
- Make sure that the size of the females is compatible to the bull size. Only use well grown yearlings and mate to heifers or younger cows.
- Restrict mating period to six weeks only. There is the challenge to increase genetic gain but don't overdo it and sacrifice young bulls.
- After removing the bull it needs to be given top management. Quality feed, drenching and minerals are a must to give the bull every opportunity to bounce back.
- Before mating the bull again as a two year old ensure it has been checked out thoroughly for structural soundness, to make sure service capacity is okay.

Questions to Answer Before Using a Yearling Bull

- Has the bull reached puberty?
- Are his reproductive organs developed enough?
- Is the feed supply for the bull good enough?
- Is the type of country he will run on with cows suitable?

— Tony Thompson



ISLAND STREAM Simmental Stud

Maheno, North Otago

will offer these well muscled bulls
for sale at the

CENTRAL SOUTH ISLAND SIMMENTAL SALE

Temuka, June 12th

Enquiries and inspection welcome

Murray Elliott
Phone 03-434-8397



AK101^{QA}

Sire Puketawa Felix AF118

Birth	200	200D	400D	600	S.S.	RUMP	RIB	EMA
Wt	MILK	Wt	Wt	Wt	FAT	FAT	FAT	
+1.5	+12	+12	+16	+21	+0.3	-0.1	0.0	0.0
62%	50%	59%	60%	58%	48%	40%	40%	36%



AK104^{QA} (Polled)

Sire Puketawa GTi AG126

Birth	200	200D	400D	600	S.S.	RUMP	RIB	EMA
Wt	MILK	Wt	Wt	Wt	FAT	FAT	FAT	
+3.2	+9	+27	+44	+52	+0.9	-0.2	-0.1	+3.2
76%	44%	71%	71%	70%	71%	53%	53%	46%



AK108^{QA} (Polled)

Sire Puketawa Geoff AG124

Birth	200	200D	400D	600	S.S.	RUMP	RIB	EMA
Wt	MILK	Wt	Wt	Wt	FAT	FAT	FAT	
+4.6	+12	+21	+34	+50	-0.4	-0.8	-0.6	+1.9
76%	41%	70%	71%	70%	70%	52%	52%	45%



AK109^{QA}

Sire Puketawa Geoff AG124

Birth	200	200D	400D	600	S.S.	RUMP	RIB	EMA
Wt	MILK	Wt	Wt	Wt	FAT	FAT	FAT	
+2.8	+12	+18	+22	+34	-0.7	+0.2	+0.2	+1.7
76%	43%	70%	71%	70%	69%	51%	51%	44%



AK110^{QA}

Sire Puketawa Geoff AG124

Birth	200	200D	400D	600	S.S.	RUMP	RIB	EMA
Wt	MILK	Wt	Wt	Wt	FAT	FAT	FAT	
+3.4	+16	+20	+37	+41	+1.3	-0.8	-0.6	+0.6
77%	45%	71%	71%	71%	51%	54%	54%	47%



AK121^{QA} (KHB)

Sire Puketawa Harriso AH104

Birth	200	200D	400D	600	S.S.	RUMP	RIB	EMA
Wt	MILK	Wt	Wt	Wt	FAT	FAT	FAT	
+3.8	+10	+29	55	+66	-0.5	-1.5	-1.0	+2.1
76%	45%	71%	71%	71%	70%	52%	52%	46%



AK122^{QA} (Karlernst)

Sire Puketawa Harriso AH104

Birth	200	200D	400D	600	S.S.	RUMP	RIB	EMA
Wt	MILK	Wt	Wt	Wt	FAT	FAT	FAT	
+3.4	+11	+29	+58	+66	+0.2	-1.6	-1.1	+1.4
75%	41%	69%	69%	69%	68%	50%	50%	43%



AK124^{QA}

Sire Puketawa Harriso AH104

Birth	200	200D	400D	600	S.S.	RUMP	RIB	EMA
Wt	MILK	Wt	Wt	Wt	FAT	FAT	FAT	
+5.3	+13	+34	+65	+70	+1.3	-1.5	-1.1	+0.7
74%	41%	69%	69%	69%	69%	51%	51%	44%



AK126^{QA} (Polled)

Sire Puketawa GTi AG126

Birth	200	200D	400D	600	S.S.	RUMP	RIB	EMA
Wt	MILK	Wt	Wt	Wt	FAT	FAT	FAT	
+1.9	+9	+22	+33	+40	+0.4	+0.1	+0.1	+1.8
77%	46%	72%	72%	71%	71%	53%	53%	46%



AK132^{QA}

Sire Puketawa Geoff AG124

Birth	200	200D	400D	600	S.S.	RUMP	RIB	EMA
Wt	MILK	Wt	Wt	Wt	FAT	FAT	FAT	
+4.3	+14	+22	+33	+52	+1.1	-0.4	-0.3	+1.4
76%	42%	70%	70%	70%	70%	52%	52%	46%



AK134^{QA}

Sire Puketawa Harriso AH104

Birth	200	200D	400D	600	S.S.	RUMP	RIB	EMA
Wt	MILK	Wt	Wt	Wt	FAT	FAT	FAT	
+5.9	+11	+35	+47	+61	+0.4	-0.7	-0.5	+1.3
76%	43%	70%	70%	69%	68%	52%	52%	46%



AK137^{QA} (Kienle) (Polled)

Sire Puketawa Hora Hora AH101

Birth	200	200D	400D	600	S.S.	RUMP	RIB	EMA
Wt	MILK	Wt	Wt	Wt	FAT	FAT	FAT	
+2.9	+7	+27	+50	+62	-0.5	-1.1	-0.8	+0.8
77%	39%	71%	70%	70%	69%	49%	49%	42%



AK151^{QA} (Polled)

Sire Puketawa Harriso AH104

Birth	200	200D	400D	600	S.S.	RUMP	RIB	EMA
Wt	MILK	Wt	Wt	Wt	FAT	FAT	FAT	
+4.8	+9	+34	+68	+76	+0.6	-2.0	-1.5	+1.5
76%	44%	70%	70%	70%	68%	50%	50%	43%



AK155^{QA} (Polled)

Sire Puketawa GTi AG126

Birth	200	200D	400D	600	S.S.	RUMP	RIB	EMA
Wt	MILK	Wt	Wt	Wt	FAT	FAT	FAT	
+3.5	+6	+32	+54	+58	+0.7	-0.1	0.0	+2.9
76%	45%	71%	71%	71%	70%	53%	53%	46%



AK162^{QA}

Sire Puketawa Hora Hora AH101

Birth	200	200D	400D	600	S.S.	RUMP	RIB	EMA
Wt	MILK	Wt	Wt	Wt	FAT	FAT	FAT	
+1.3	+10	+22	+47	+58	+1.7	-1.0	-0.7	+0.7
75%	40%	70%	70%	69%	67%	50%	50%	43%



PUKETAWA SIMMENTALS

Bull Sale

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on property at 1.00pm.**

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For catalogues and information contact:

John Scott

Puketawa Simmentals

Roberts Road, Hora Hora

R.D. 2, Cambridge

Tel (07) 827 2864, Fax (07) 827 2977

Email - john.scott@clear.net.nz

or Wrightson

Bruce Orr, Tel (07) 855 2560

Dean Evans, Tel (07) 823 3114

or Waikato Farmers

Rod Harper, Tel (07) 856 0022

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- 30 (approximately) big, strong, sound, performance bulls bred and reared in the hills at 300 - 400 metres above sea level.
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- Growth, milk and carcass EBVs.
- Trait leader sires.
- Top yearling sires.
- A number of bulls available are in the top 1% of the breed for the growth EBVs.
- Bulls are also available in the low birth weight category (i.e. negative birthweight EBV values).
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RUAVIEW HEATHER by Mr X

DAM

◀ FULL BROTHER

FULL SISTER ▶



RUAVIEW HOLLY



RUAVIEW PAUL is for sale at our Waimarino Combined Beef Breeders Annual Sale – 31 May 2002



RUAVIEW PAM by Deutsche Loch

DAM

◀ FULL BROTHER

FULL SISTER ▶



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Also just purchased this year - Wai-iti Kabul (BBS Zima)



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Landcorp Waikite Simmental is one of New Zealand's largest Simmental herds, producing faster-growing quality cattle.

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Average EBVs	400-day	600-day
Australasian Av.	20+	22+
Waikite Av.	40+	48+

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Landcorp Waikite Simmental...Breeding for Results

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Roger Bedford (Farm Manager)

(07) 333 1835

Mike Gaukrodger (Operations Manager)

&

Dr. Geoff Nicoll (Head of Genetics Unit)

(07) 348 3100



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SEMEN FOR SALE LISTING

SIRE	COST	CONTACT
Wai-iti Loch Lomond Sire: Deutsche Loch	\$45.00 + GST per straw (minimum 10 straws)	Enterprise Cattle Co C/- Craig Martin Phone: 03 544 2788 Fax: 03 541 8308
Level Hans Sire: Larsen	\$40.00 + GST per straw (minimum 10 straws)	(same as above)
Moneymore Earthquake Sire: Levels Hans	\$45.00 + GST per straw (minimum 10 straws)	(same as above)
Rockvale Apollo Sire: Glenside X-Eecutive (sold at 1993 National to Springhill for the top price of \$17,000)	\$40.00 + GST per straw (minimum 10 straws)	(same as above)
Glenside X-Eecutive Sire: Waimiro Pascal	\$45.00 + GST per straw (minimum 10 straws)	Enterprise Cattle Co and Rockvale C/- Craig Martin Phone: 03 544 2788 Fax: 03 541 8308
Tokaweka Fortress Sire: Tokaweka Rascallion	\$65.00 + GST per straw (minimum 10 straws + freight & handling)	John Jackson Marchant Simmental Phone: 04 526 8997 Fax: 04 526 8993 Email: jtjacks@attglobal.net
Austrian Belami Sire: Isar	\$25 + GST per straw (minimum 10 straws)	Peter McWilliam Maungaraki Cattle Co Phone: 06 372 7724 Fax: 06 372 7770 Email: p-s-mcwilliam@xtra.co.nz
Austrian Bubi Sire: Belami	\$30 + GST per straw (minimum 10 straws)	(same as above)
Austrian Rokko Sire: Senta	\$40 + GST per straw (minimum 10 straws)	(same as above)
Great Guns Moses Sire: Bel C & B Western	\$50 + GST per straw (minimum 10 straws)	(same as above)
Dunmore Cossack II Sire: Dunmore Lester	\$40.00 + GST per straw (minimum 10 straws)	(same as above)
Lonsdale Farm Bernard Sire: Beat CSA41	\$25 + GST per straw (minimum 10 straws)	(same as above)
Munga Park Frederic Sire: Canadian Extra CSA357	\$25 + GST per straw (minimum 10 straws)	(same as above)
Wai-iti Warrior Sire: Dunmore Cossack	\$25 + GST per straw (minimum 10 straws)	(same as above)
Wai-iti Loch Ness Sire: Deutsche Loch	\$40 + GST per straw (minimum 10 straws)	(same as above)
Cotswold Farm Meat Machine Sire: Cotswold Farm Hector	\$35 + GST per straw (minimum 10 straws)	(same as above)
Switz Poll Red (Polled) Sire: Tosca	\$40 + GST per straw (minimum 10 straws)	(same as above)
W.R.S. Super Sport Sire: Leggacy	\$40 + GST per straw (minimum 10 straws)	(same as above)
Deutsche Loch Sire: Loch	\$100 + GST per straw (minimum 10 straws)	(same as above)
Maxi	\$50 + GST per straw (minimum 10 straws)	(same as above)
Bernd	\$50 + GST per straw (minimum 10 straws)	(same as above)
Leonardo	\$50 + GST per straw (minimum 10 straws)	(same as above)



The upward trend in the beef market has certainly impacted on the National Simmental sale where prices averaged nearly \$2500 more than last year.

Strong sales of Simmental cross weaners have lifted the confidence in the market place and breeders are now prepared to commit more to bull purchasing.

This trend has followed through to the early season Simmental bull sales throughout New Zealand. Averages have been up between \$500 and \$1500 and more bulls have sold through the ring.

The highest price of \$17,000 at the National Sale was up \$5500 on last year's high and another Cornwall Park sale also bettered last year's top of \$11,500.

The top priced bull, Cornwall Park Judge Dred, on account of Cornwall Park Simmental, Auckland was sired by the well known bull Glen Anthony Sargeant Pepper.

He was purchased by Jim and Liz Mackey, Cariboo Simmental, Northland.

Cornwall Park Simmental stud master Grant Latimer described this bull as a well developed early maturing sire. He is stacked with Fleckvieh genetics and exhibits free movement and thickness.

On sale day August born Judge Dred weighed in at 852kg and scanned 6mm of rump fat, 5 mm of rib fat and

an eye muscle area of 125 square centimetres. This made him one of the best scanning bulls on sale day.

He also had an excellent set of EBVs with going from +20 at 200 day weight to +45 at 600 day weight. His growth EBVs are all well above the Breedplan average EBVs for 1999 born calves and by 600 day weight Judge Dred was nearly double the average.



Cornwall Park Simmental also sold the second top priced bull at \$15,000. This unled bull, Cornwall Park Junction, was placed first in the unled section by Australian Judge Graham Day and was later purchased by Hugh McIntyre, Brocade Simmental, Manawatu.

Junction weighed in at 882kg and scanned a creditable 121 square cm.

In the show ring earlier in the day Peter McWilliam's entry Marchant Impeccable was judged Supreme champion and given the lead position in the sale. After some spirited bidding he was knocked down to Ailsa Farm, Kimbolton for \$10,000.

The reserve champion, Ladburn Jarrah, all the way from Tony and Lorraine Partridge's Canterbury property was the heaviest bull in the offering weighing in at 950kg. He also scanned the largest eye muscle area at 132cm square and was a bull that attracted much interest.

Jarrah made \$11,000 to the bid of the Collier Brothers, Taumaranui.

The youngest bull in the offering, eight month old Wai-iti Kamikazi, was a bull many believed had the potential to be a tremendous sire. He was the last bull to be offered and finished the sale on a high note, fetching \$10,000 to the bid of Waiwhare Simmental, Hawke's Bay.

Four heifers were offered at the conclusion of the bulls and all attracted some good interest. The highest price of \$5000 was paid for the two year old in-calf heifer Waiwhare Jordana. She was sired by Waiwhare G0046 and was vetted in-calf to Moneymore James Bond, who was sold earlier in the sale for \$10,000.

OTHER BULL SALES

Waiwhare Simmental sold Waiwhare Jacob to Ida Valley Simmental for \$6000. Waiwhare Jefferson sold to Ian and Roger Caird for \$7000. Waiwhare Judson sold to Wrightson, Masterton for \$4500. Waiwhare Julius sold for \$3800.

Enterprise Cattle Company sold Money-more Right Time to Waiwhare Simmental for \$6000. Moneymore James Bond sold to Mt Prospect Simmental for \$10,000.

Puketawa Simmental sold Puketawa Jamie to Levels Simmental for \$3500. Puketawa Josef sold for \$3500.

Ruaview Simmental sold Ruaview Rick to Wairarapa Livestock for \$5500.

A.A & L.A Partridge sold Ladburn Jarrah to Collier Bros, Taumaranui for \$11,000. Ladburn Justifiable sold to the Curry Family for \$7000.

B and M.R Mansell sold Kapiti Joseph to LeeAnne Simmental for \$7500. Kapiti Jupiter sold to Glenbrae Farms for \$4500. Kapiti James sold to Glenbrae Farms for \$8000.

Cornwall Park Simmental sold Cornwall Park Judge Dred to Jim and Liz Mackey for \$17,000. Cornwall Park Junction sold to Hugh McIntyre for \$15,000.

R.D Stein sold Trossachs Jenson to Alla-baster Trust for \$3500.

Peter McWilliam sold Marchant Impeccable to Ailsa Farm for \$10,000. He also sold Wai-iti Kamikazi to Waiwhare for \$10,000.

D.G & K.J Timperley sold Haylands Jackpott to Athol Hall for \$6500. Haylands Juranamo sold to Bull Holdings for \$5000.

Murray Elliot sold Island Stream Just Right to Athol Hall for \$7000.

Kevin & Wendy Sixtus sold S'State Jag for \$3200.

HEIFERS

Waiwhare Simmental sold Waiwhare Jemma to Hampton Downs Simmentals for \$4500. Waiwhare Jordana sold to Silverfern Simmental for \$5000.

Peter & Sue McWilliam sold Wai-iti Miss Polo to Helen and John Ellis for \$4000.

Ailsa Farm sold Ailsa G.R. Jerry to Beresford Simmental for \$2700.



Grant Latimer and Jim Mackey with Judge Dred.



Above and at right:
Tony Partridge with Ladburn Jarrah,
who sold for \$11,000.



At left and below:
Peter McWilliam with Supreme
Champion Marchant Impeccable.



comprehensive breeders index

NAME	ADDRESS	CONTACT PHONE/FAX	PADDOCK SALES	AUCTION SALE	BEEF EXPO
Absolom J P	Rissington Cattle Company RD4, Napier	06-839 5836 06-839 5836			
Ailsa Farm	RD54, Kimbolton <i>Comments: Bulls selected from a mob of 95. Renown for quiet temperament. Commercially managed.</i>	Ph/Fax 06-322 9883 Ph/fax 06-322 9839	Yes From June 15	On-farm 6 June	2 bulls
Alridge B A & T I	Vass Rd, Ladbrooks, RD2 Christchurch	03-329 6269			
Anderson B B	Te Kawa, RD3 Te Awamutu	07-871 1824			
Anderson R H & J	Ruapekapeka Rd, Towai PO Box 10 128, Whangarei Email rossandjeanette@xtra.co.nz <i>Comments: Using genetic improvement to meet the needs of the commercial market.</i>	Ph 09-433 4870 Fax 09-433 4871	Yes Available now		
Anso J & Ward K	Charisma Park Simmentals RD8, Hamilton	07-829 7911			
Back Partnership D & B	PO Box 36, Stratford	06-765 5191			
Bain G M & L E	"Pinelee" RD1, Middlemarch <i>Comments: Big sound quiet bulls.</i>	Ph 03-464 3226 Fax 03- 464 3226		Palmerston Saleyards 23 May	2 bulls
Black G W	Shepherds Bush Ltd, RD8 Ashburton				
Boyle G & A	Evertree, RD4, Waipawa	06-856 5505			
Burgess W T	"Beresford", Puketiro, RD2 Owaka <i>Comments: 15 bulls on offer at the Owaka Combined bull sale, Owaka Saleyards 15 May.</i>	03-415 8019	Yes From October	Owaka Saleyards 15 May	
Burnside D J & L A	Te Akau Rd, RD1, Ngaruawahia <i>Comments: Bred at Te Akau under severe dry summer conditions. Hill country bulls that shift well.</i>	Ph 07 825 4860 Fax 07-825 4860	Yes	Waikato & Districts Bull Sale 27 May	
Caird I R	Pareora West, RD2, Timaru	03-686 4879	Yes	Central South Island Simmental Sale 12 June	
Cairns C R	Duntroon, 5KRD, Oamaru	03-431 2826			
Cameron R & C Idesia Simmentals	Kirikopuni Valley Rd Tangiteroria, Northland	09-434 6998	Yes From June		
Capstick A & S	Hay Rd, RD2, Hikurangi Northland	09-433 4831			
Cheetham D E	Mangamahoe, RD2, Eketahuna	06-372 5831 06-372 5841	Yes Available now		
Cockburn G R	"Mount Prospect" RD2 Te Anau <i>Comments: Whole herd run on a commercial basis – bulls fully guaranteed, bred to shift and perform under all conditions.</i>	03-249 7082 03-249 7085		Castlerock 14 May	
Collier A D & Sons	PO Box 99, Taumaranui	07-896 6984			
Conlan E J	Waikoikoi, RD5, Gore	03 207 6880	Yes Available Now		
Cornwall Park Trust Board Inc.	PO Box 26-072, Epsom Auckland <i>Comments: A very hardy line-up of bulls.</i>	09-524 9483	Yes From May	Waikato & Districts Bull sale, 27 May	2 bulls

comprehensive breeders index

NAME	ADDRESS	CONTACT PHONE/FAX	Paddock SALES	AUCTION SALE	BEEF EXPO
Cowley P J	5 Manutahi Rd, RD2 New Plymouth	06-755 0775			
Crosby R L & L E	Awaroa Rd, RD1, Kaitaia	09-409 5133	Yes From now		
Curry W & S	Ohura Rd, RD22, Stratford	06-762 3861			
Dalzell Kernohan R	Gilnockie Farm, 337 Crawford Rd RD8, Hamilton	07-829 9635			
Dickey A & G	RD1, Kataia	09-409 3882	Yes From June		
Dickie D G	Windyridge, Five Rivers, RD3 Lumsden	03-248 7559			
Elliott M G	PO Box 480, Oamaru Island Stream Simmentals	Ph 03-434 8397 Fax 03-434 8371	Yes Anytime	Central South Island Simmental Sale 12 June	
	Comments: Sired by Windsor Lea AE 150. Low birth weights, high growth EBVs, well muscled. Half poll.				
Ellis P J & H M Puriri Simmentals	Puriri Station, Parapara Rd RD3, Kataia Email: puririsimmentals@xtra.co.nz	Ph 09-406 0201 Fax 09-406 0201	Yes Anytime	On-farm 1 July	2 bulls
	Comments: Bulls from a herd run on a commercial basis. Sound and quiet with QA status.				
Entwistle M I & N J Hampton Downs	Hampton Downs Rd, RD2, Te Kauwhata Email: malcolme@ihug.co.nz	Ph 07-826 3194 Fax 07-826 3194	Yes From now	Note: No entries at Waikato this year	2 bulls
	Comments: Hampton Downs specialises in black and red poll. Calving ease, moderate framed, easy fleshing hill country cattle.				
Forsyth J M	Mangaowata Rd, RD 26 Stratford	06-762 5524			
Foster D	106 Kimihia Rd, Huntly	07-828 8810			
Gate A D	Paparimu, RD, Bombay South Auckland	09-236 0178			
Gifford R & C	Marlow Rd, Riponui, RD1 Kamo, Northland	09-433 7051			
Glover B A High Valley	High Valley, Miranda Rd Mangatangi, RD1, Pokeno	09-232 7842	Yes Anytime		
	Comments: Bulls from a wide selection of bloodlines for calving ease. Very quiet, early maturing, moderate frame.				
Gould J Waiwhare Simmentals	C/- K Taylor, Glenross Rd RD9, Hastings	06-874 2889	Yes June		5 bulls
	Comments: Our group of bulls this year are the best ever produced at Waiwhare.				
Graham C A & J D	Waingaro, Parnassus, RD North Canterbury	03-319 2839	Yes From now		
	Comments: Canterbury's largest and longest producer of Simmental. Bulls farmed under commercial conditions on hill country.				
Gray G B & P A	Milnerloo Simmentals PO Box 704, Whakatane	07-308 8566		Waikato & Districts Bull Sale 27 May	
Hall A T & A A	Horoeka, RD4, Dannevirke	06-374 3686			
Hall J C	Pendeen Simmentals, Hororata RD2, Darfield	03-318 0873			
Hammond J D & H D	Raetihi Rd, RD1, Ohakune	Ph 06-385 8040 Fax 06-385 8040		Waimarino Combined Sale 31 May	1 bull
Hawkins S	Wentwood Grange, RD4 Cambridge	07-827 6174			

comprehensive breeders index

NAME	ADDRESS	CONTACT PHONE/FAX	PADDOCK SALES	AUCTION SALE	BEEF EXPO
Hill P R, P J & J A	PO Box 112, Whangarei	09-437 5948	Yes Available now		
Houlbrooke J & G	Tokaweka Simmentals, South Rd RD2, Waipu	09-432 0105			
Hurst J B	Thanet Farm Co Ltd, RD9 Waimate, South Canterbury	03-689 2652			
Hutching C Brooklands Simmentals	Brooklands, RD7, Dannevirke	Colin 06-374 1802 Nigel 06-374 5181	Yes Available now		
Jackson John	Box 35, Kaitoke, Upper Hutt	04-526 8997	Yes Anytime		
Jackson Kathleen	266 Marchant Rd, Kaitoke Upper Hutt	04-526 8997			
Johns M W	Dunsandel/Brookside Rd RD2, Leeston	03-329 1882			
Kemp G B	Pouriwai, Private Bag 7618 Gisborne	06-867 0867	Yes From June	Gisborne Exotic Sale 23 May	
Keown D R	"Lone Pine", Raes Junction RD, Dunedin	Ph 03 446 8445 Fax 03-446 8485	Yes From May	Mt Benger 17 May	
King A J & K J	RD8, Whangarei <i>Comments: Females also for sale. For a catalogue phone (09) 432-9538.</i>	09-432 9538	Yes		
Lamont H	PO Box 74, Pio Pio				
Landcorp Farming	C/- G.B. Nicholl, PO Box 44 Rotorua	07-348 3100			
Levels Farming Co Ltd	Roslyn, PO Box 6, Roxburgh	03-446 8785 03-446 8765		Mt Benger 17 May	
Longville J A & D J	JV Grant Rd, RD3, Wellsford <i>Comments: Rivendell is proud to offer four classy yearlings by our new herd sire Tokaweka Horsepower.</i>	09-423 8506	Yes	Wellsford Saleyards 2 July	
Lott W J	Sunnyvale Simmentals, Box 18 Garston	03-248 8813			
Lunt D J & B M	122 Taplin Rd, RD3, Hamilton	07-829 5474			
Mackey W J & E M	Cariboo Simmentals, RD4 Hikurangi, Northland <i>Comments: This year's bulls are by Tokaweka Dynamic (photo in advertisement) and Tokoweka Friday. Good EBVs.</i>	09-433 9718	Yes From May	26 June	
Manning W L & M E	Waitaua Simmentals, PO Box 8102 Whangarei	09-435 3071			
Mansell B & M R	Kapiti Simmentals, PO Box 99 Paraparaumu	04-298 8274	Yes Available now		2 bulls
Marais D & J Nuweland Simmentals	PO Box 537, Kerikeri, Northland <i>Comments: Progeny by Tokaweka Dynamic, Nuweland Houlebrooke, Kawera G Man, Parkhill First Dividend, Porterhouse Garth, Eldorado.</i>	Ph 09-407 9039 Fax 09-407 9013	On-Farm auction 28 June		
Martin R R Trust Enterprise Cattle Company	C/- C Martin, Rosedale Rd Upper Moutere, Nelson <i>Comments: NZ's largest on-farm multibreed purebred helmsman sale offering 60 fully warranted 2 year Simmental, Angus and Hereford bulls.</i>	Ph 03-543 2292 Fax 03-543 2292	Yearlings From September	On-farm auction 27 June	2 bulls
Matheson D & J	RD1, Lyttleton	03-329 9897	Yes From June		

comprehensive breeders index

NAME	ADDRESS	CONTACT PHONE/FAX	PADDOCK SALES	AUCTION SALE	BEEF EXPO
Maxwell P	DDM Farms, Burma Rd, RD7 Wellsford	09-522 0402			
McCorkindale W T	Waitahuna, RD3, Lawrence	03-485 9726			
McCulloch G & M	Otaika Valley Road, RD 10 Whangarei	09-434 6067			
McDermott T	RD2, Dargaville	09-439 4022			
McIntyre H D	Brocade Simmentals, RD1 Apiti, Feilding Comments: From a 100 cow herd. Brocade bulls are renown for hardiness and muscling.	Ph 06-328 4845 Fax 06-328 4846	Yes From May		
McKorkindale G I	Glenside Simmentals, Waitahuna RD3, Lawrence Comments: Top bulls, average prices, all guaranteed and delivered free in the South Island.	03-485 9727 03-485 9729	Yes Available May	On-farm auction 16 May	
McLay L K & G J	Westview Farms, Otekura, RD1 Balclutha	03-415 8190	Yes Available now	Owaka Saleyards 15 May	
McNaughten L & J	Karewa Simmentals, Dannevirke	06-374 1551			
McWilliam P C & S M	Maungaraki Cattle Co, Gladstone Masterton Comments: All bulls performance recorded, semen quality and service tested. Open Day 8 th May. Also one stud sire and top quality females.	06-372 7724 06-372 7770	Yes Available May		2 bulls
Middleton J A	Landscape Farm, RD2, Pokeno	09-233 6060			
Midgley A R Willowbrook Simmentals	Willowbrook Simmentals, RD2 Timaru	03-612 6671 03-612 6651	Yes Available June	Central South Island Simmental Sale 14 June	2 bulls
Murphy D L	Dunshaughlin Farm, RD2 Waipukurau Comments: 140 cows raised in natural conditions/strict culling.	Ph 06-858 9869 Fax 06-858 9860	Yes Available now		
Muth R & J	26A Buchanan Rd, Karaka RD1, Papakura	09-292 7130			
Nankervis K J	Mountain Rd, RD3 New Plymouth	06-752 0850			
Partridge A A T Ladburn Simmentals	Sedgemere, RD3, Leeston Christchurch	Ph 03 324 2733 Fax 03-324 2733	Yes Anytime	Canterbury Park 12 June	2 bulls
Paterson H D	Ida Valley Station, RD2 Oturehua, Otago	03-447 4794		On-farm sale 13 May	
Patterson C J	Lakeside, RD3, Leeston	03-324 3706			
Perry B & R	25 Park Road, RD2, Whakatane	07-323 6468			
Peterson D R	166 Forest Rd, RD7 Kimbolton, Feilding				
Prenter G & D	Glengarry, RD8, Dannevirke	06-374 5724			
John Pullen Family Trust	21 Hadfield Street, Patea South Taranaki	06-273 8448			
Ritchie A W	Christchurch				
Robb Family Trust	RD4, Pipiriki, RD, Raetihi	06-385 4581			
Roberts M & T	615 Wardley Rd, RD9, Inglewood	Ph/Fax 06 756 6354			
Robins J A & M J	Tudor Park, Ryal Bush, RD6 Invercargill	03-221 7150			

comprehensive breeders index

NAME	ADDRESS	CONTACT PHONE/FAX	Paddock SALES	AUCTION SALE	BEEF EXPO
Robinson Q L & T A	Pikiwahine Rd, RD1, Waiotira Northland Comments: <i>Wide genetic base. Emphasis on calving ease, high growth rate and heavy muscling.</i>	Ph 09-437 0235 Fax 09-437 0735	Yes Anytime		
Sceats R R	Old Kaipara Rd, RD1, Warkworth	09-422 4916			
Scott J B Puketawa Simmentals	Puketawa, Roberts Rd, RD2, Cambridge	Ph 07-827 2864 Fax 07-827 2977	Yes Anytime	On-farm auction 12 June	3 bulls
Scott P A & A M Te Raumaukau	Te Raumauku Rd, RD3 Otorohanga Comments: <i>Heavily culled, service tested, TB accredited, scanned EMA, quality assured and good temperament a must.</i>	Ph 07-873 8413 Fax 07-873 8413		Waikato & Districts Bull Sale 27 May	
Sixtus K B & W A S'State Simmentals	Rosedale Rd, RD2, Moutere Nelson Comments: <i>Well muscled yearlings by Thurston Flair – see advertisement.</i>	03-543 2120	Yes From October		
Sloane H L	Mata Hall, RD1, Whangarei	09-432 2823	Yes Anytime	Kauri Saleyards 26 June	
Southgate P J & S M	289 Upland Rd, RD2 New Plymouth	06-755 1112			
Stallard B J & J A	210 Pukengahu Rd, RD23 Stratford	06-762 2606			
Stewart Partnership	Pukepuke Marshmeadow Rd RD4, Hamilton	07-824 1735			
Strathern I A & M O	PO Box 5356, Hamilton	07-829 5756	Yes From May	Waikato & Districts Bull Sale, 27 May	
Strauss Family	Waironga Rd, RD2, Mosgiel Comments: <i>All bulls scanned for EMA and quality assured under the Simmental NZ scheme.</i>	03-489 7521		Palmerston Saleyards 23 May	2 bulls
Sutton S E	Stone Hut, Waihaorunga, RD7 Waimate	03-689 2283			
Tahere W & S	Horeke Rd, RD1, Okaihau	09-401 9063			
Taylor S J & C T	Rangihau Rd, Coroglen, RD1 Whitianga	07-866 3538			
Thompson A H	Farm Rd, RD4, Waipukurau	06-858 8705			
Timperley D G & K J	Haylands Rd, RD4, Rangiora	03-312 8180			
Trossachs Simmentals	Tea Creek Rd, RD1, Carterton	06-379 8395			
Trotter S D & Thaller E Oakdale Simmentals	20 Seccombes Rd, Epsom Auckland Comments: <i>This year we have a good selection of Poll bulls by three different sires.</i>	09-524 9472	Yes Available now		
Turton Daryl	295 Alexandra St, Te Awamutu	07-856 4713		Waikato & Districts Bull Sale, 27 May	
Wakeman J P & W K	RD1, Kaiapoi	03-327 8841			
Williams O J & A J	Te Rere Farm, RD3, Otorohanga	07-873 7715			
Willow Bay Co Ltd	C/- David Green, Kawera Rd, RD6 Taihape				
Wilson B M & S F	PO Box 64, Hawera	06-278 7529			
Woolston W J & H A Misty Moor Simmentals	Patoto Rd, Mokauiti, RD3 Te Kuiti Comments: <i>Stud sire Gideon is a double shooter, large feminine females and large well muscled bulls, conformation supreme.</i>	Ph 07-8776817 Fax 07-877 6817		Otorohanga Saleyards 6 June	
Wooster P & Connolly M	PO Box 55, Otorohanga	Ph 07-873 8887 Fax 07-873 7388			
Wylie Susan	Ashley Clinton RD, RD1, Takapau	06-855 6590			

Using EBVs for Making Comparisons Between Animals

These heritabilities and correlations apply to Angus but Russell Priest, Meat NZ Beef Genetics Co-ordinator, says they provide a good guide for other Bos Taurus cattle, including Simmental, also.

When using EBVs to assist in selection decisions it is important to remember that only half the EBV difference between the animals, are expressed in their progeny.

For example, when comparing the expected difference in the 400-Day weights of calves from two bulls, you need to consider half the difference in EBVs between the bulls multiplied by the expected number of calves to be

obtained during the normal life of a bull in your herd (see chart below).

This simple calculation can be a useful guide to assist in determining the potential extra revenue you can expect from using a bull with superior growth EBVs. Similar calculations can be made for determining the expected effect on progeny performance of differences in other EBVs.

In selecting bulls for use in your herd it is often helpful to compare their EBV figures relative to the whole drop of bulls for sale. During 2002 many of the bulls for sale will come from the 2000 calf drop.

Example: 400-day Wt. EBV

Bull A	+ 40kg
Bull B	+ 20kg

Expected difference in 400 day weight: $1/2 \times (40\text{kg} - 20\text{kg}) = 10\text{kg calf}$

Total gain over 3 years use, with 25 calves per year: $25 \text{ calves} \times 3 \text{ years} \times 10\text{kg} = 750\text{kg}$

(plus further benefits from the future improved performance of daughter's calves)

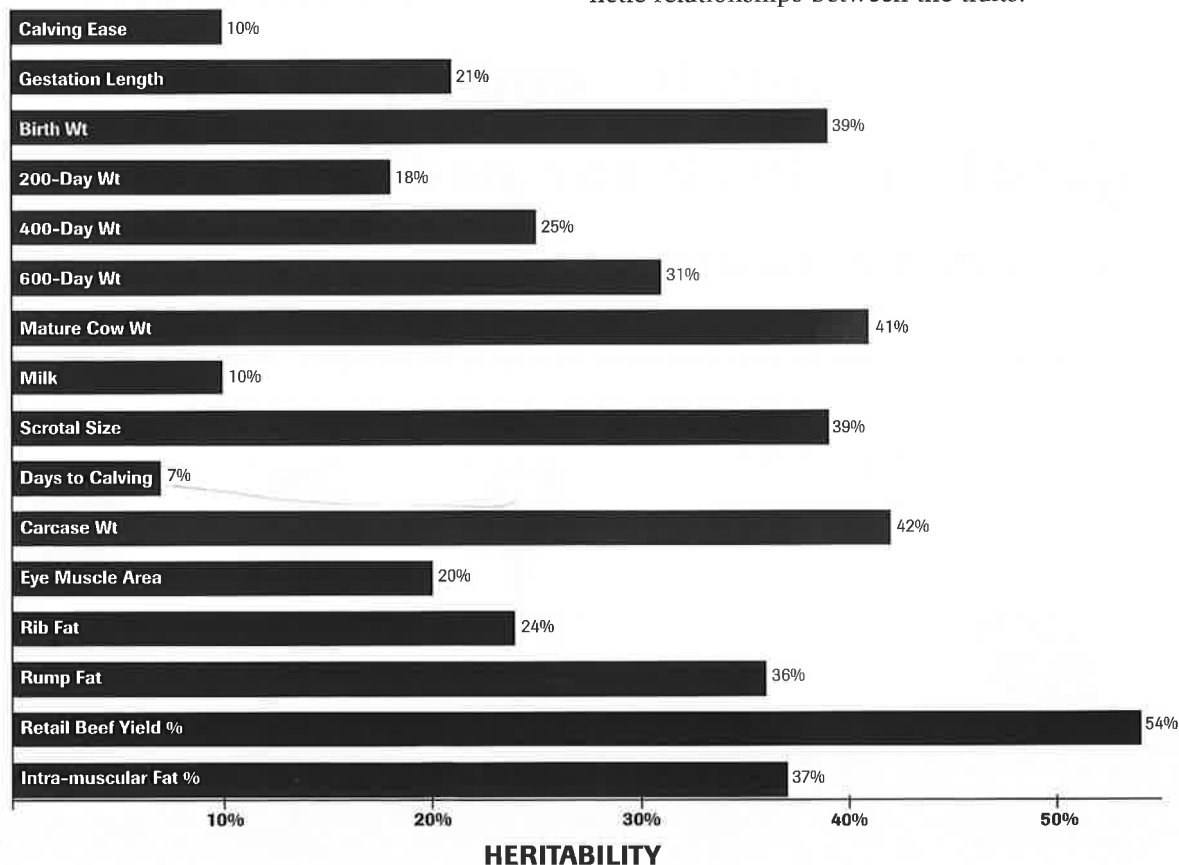
Heritabilities of Traits in Angus GROUP BREEDPLAN

Only part of the variation that we observe among animals is due to genetic differences. The majority of the variation is generally due to non-genetic factors such as differences in environment and nutrition.

The degree to which the genetic differences influence performance varies from trait to trait. This is explained by

differences in the "heritability" of the traits. Growth and carcase traits tend to have moderate to high heritabilities (i.e. 20 to 60%), whilst maternal traits have low heritabilities (10% or lower).

Group Breedplan takes into account the different degrees of heritability of various traits and the known genetic relationships between the traits.





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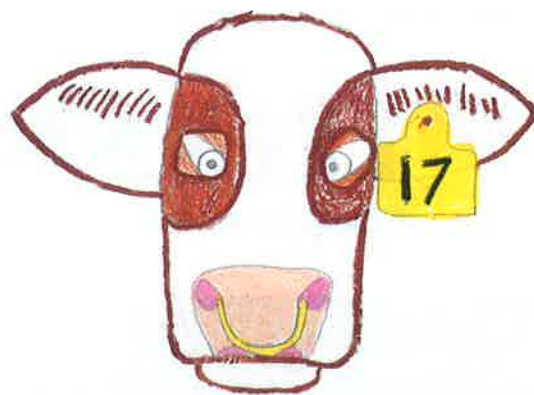
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2002 CENTRAL SOUTH ISLAND SIMMENTAL BULL SALE



TEMUKA SELLING CENTRE
WEDNESDAY JUNE 12TH AT 1.00PM

WRIGHTSON/PYNE GOULD GUINNESS
SECRETARY:: ALASTAIR MIDGLEY
PHONE (03) 612 6671



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I've drawn you a Simmental Bull. And when I am older I want to have a Simmental Stud. Please could you send me some books on Simmentals and could you tell me if you have any books I could buy? My address is 184 Porangahau Rd.

Thank you

From Ben White

(This letter and drawing were received 15 February 2001.)

33 Bulls for Auction at **AILSASIMMENTALS • June 6th**

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Fastrack



Challenger

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Puketawa Guardian

Puriri Eros

Puriri Ferdie

Puriri Fletcher

Rissington Grandeur

Rissington Red Baldy

Scottish Neff

Singing Hills Gareth

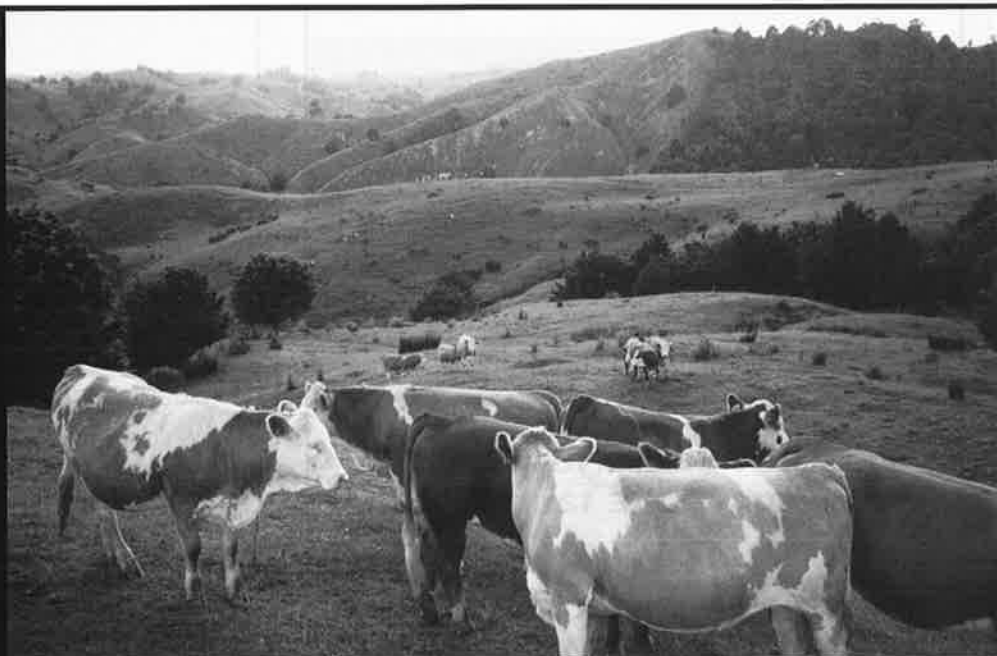
Singing Hills Harvey

Springhill General Ginger

Tokaweka Dramatic

Wai-iti Loch Lomond

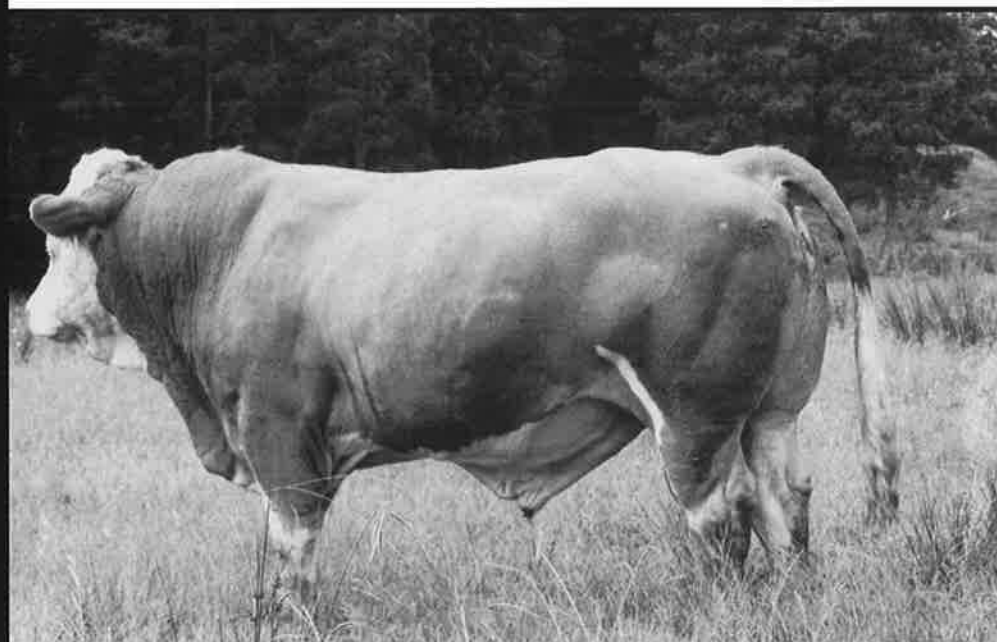
Waiwhare Hornblower



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Hi-Tech Upgrade for Popular Beef Herd Management Software

Practical Systems, the agricultural software company that produces **Cattle Plus!** Australia's most comprehensive beef herd (commercial and stud) management software programme, has released a new version which incorporates the latest individual animal identifying (RFID) technology.

The programme caters for all sectors of the industry including breeders, traders, fatteners and feedlots.

The new release has the capability to integrate with all leading industry RFID scanners, in both the laptop screen mode and as downloaded files where applicable. This makes it possible to use the software to record most management tasks electronically.

Additional features include:

- Transfer of weights from electronic scales
- Import and export to the Breedplan and Herd Registration systems
- Automatic cross breed tracking
- Electronic import of carcase data
- Full Quality Assurance recording and reporting
- Specially designed AI and embryo transfer programmes using RFID

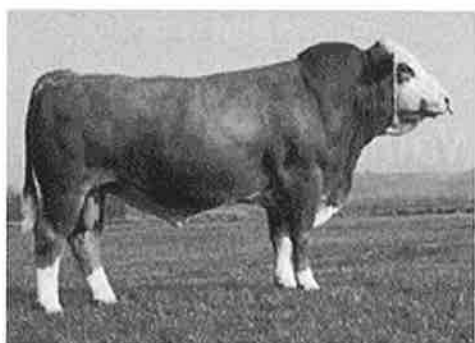
- Yard sheets for on-the-spot data recording
- A laptop screen for in-yard use
- An undo facility for easy correction to wrongly entered data

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All cattle are presented on a list which can then be filtered to display any group of animals based on a simple but sophisticated, selection process from lists of criteria displayed in boxes. Selected animals can then be viewed for history of breeding and performance data or have event or treatment activities entered against them – either as individuals or as a group.

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There are 43 pre-designed reports for easy selection. The animals, activities, date ranges and sort order for the information on each report are fully user selectable. Reports are designed to provide analysed lists, performance information and comparisons. An **optional user designed report** module is also available for those wishing to build additional special own-use reports.



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Waingaro AF20



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- Red Oaks AG19
- Westview AG16
- Waingaro AF20

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muscle and soundness

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- The 'Bulls for All Budgets' Sale
- More bulls, younger bulls
- TB C10 and Sale Tested Clear
- 15 and 20 month bulls



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ENTERPRISE CATTLE CO.

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Thursday 27 June, 1.00pm (on property)

12 Simmental Bulls

20 Hereford Bulls

25 Angus Bulls

(also at NZ Beef Expo 2002)

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SALE DATE:

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Castlerock Sale Yards

20 Simmental Bulls

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