

# KILLARA BOWLS NEWS : December 2006



ESTABLISHED 1916  
90th Year

KILLARA BOWLS NEWS  
DECEMBER 2006

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## Happy Birthday Graham

### 150 GATHER TO HONOUR OUR CENTENARIAN

The 100<sup>th</sup> birthday of Life Member **Graham Firth**, was celebrated by present and former bowling colleagues and family at a special event at the Club Sunday October 29th. The birthday toast was proposed by the newly-elected Patron, **Peter Baume** at afternoon tea following a programme of bowls.

The achievement drew wide-spread attention with telegrams from **Her Majesty the Queen**, **The Governor General**, **Prime Minister**, **State Governor** and a number of other luminaries. The event was also reported in Local and Metropolitan press with a feature expected in the Bowls Magazine in the New Year.



More pictures of the 'festivities' on page 9



### FROM THE ARCHIVES

**Another 100th Birthday.** The celebration of Graham Firth's century was not the first time the Club has marked the 100th birthday of a member. In 1950 **W. Whitehead** turned 100 and with a wry sense of humour the Club elected him a Life Member. His name appears on the Life Members' board behind the President's chair.

Graham was elected a Life member in 1979 in recognition of his service to Killara Bowling Club in many capacities including House Manager, Vice President (11 times) and Deputy Chairman of the Registered Club (4 times).

LS



## From the chair . . .

... *Warwick Druce*



On November 21st, **John Krieger** sadly and suddenly passed away. He was currently a Director of KBCL, Vice President and a member since 1997; A loyal and enthusiastic to all club activities. To me, he had been a friend for almost 55 years. We had both started as trainee woolbuyers

with different firms but ended our careers with the same company. He will be greatly missed.

**Graham Firth's** 100th birthday party was a great day as reported and illustrated in this edition. What a splendid life he has had *so far*... we still enjoy his company twice per week!

**Norman Winckle** has been KBC Patron for 16 years and he has undertaken his duties with wonderful devotion. He has decided to stand down and pass the baton to **Peter Baume** who is well credentialed to take on the task. Thank you Norman for a job well done; and a warm welcome to Peter.

Our neighbours, The Killara Tennis Club, have lodged an application to Ku-ring-gai Council to install lights on their courts to allow play until 10pm. It should have no effect on our activities directly other than to make us more visible to potential bowlers.

**Colin McElhone** has been Chairman of the Entertainment Committee and amongst other duties organizer of the St. Andrews dinner since it was started by the late **Wymand Morell** 10 years ago. With an Irishman supervising a Scottish evening, it surely proves there is no discrimination at KBC! Colin has decided to take a step back and hand the kilt to **Barbara Cotton**.

In an endeavour to make Twilight Bowls more convenient, dress rules have been changed to permit the optional wearing of neat, casual attire. At the time of writing, after two evenings the response has not been great however if it helps a few it maybe worthwhile. In a time of declining membership and attendance, your Executive is seeking ideas and suggestions that would enhance members enjoyment of the Club at both sporting and social levels. We have therefore introduced the PRESIDENT'S BOX and a QUESTIONNAIRE to enable members to frankly express views, on an anonymous basis and to offer constructive suggestions.

Please complete the form which will be available on the bar and place it in the box.

**I assure you we are most anxious to have your input . . . for better or worse!**

Compliments of the Season,

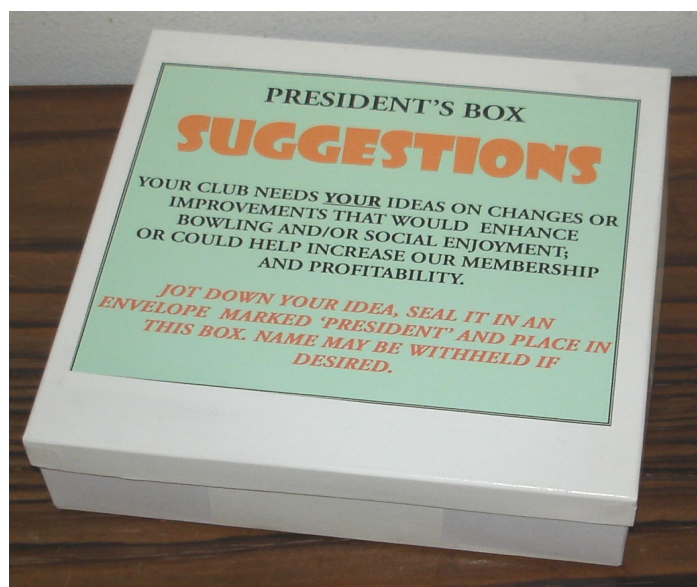
*Warwick Druce*



*Your club needs your sugges-*

**YOUR CLUB NEEDS YOUR IDEAS ON CHANGES OR IMPROVEMENTS THAT WOULD ENHANCE BOWLING AND/OR SOCIAL ENJOYMENT; OR COULD HELP INCREASE OUR MEMBERSHIP OR PROFITABILITY.**

You can use the questionnaire available at the Club or a blank piece of paper.



**JOT DOWN YOUR IDEAS, SEAL THEM IN AN ENVELOPE MARKED 'PRESIDENT' AND PLACE IN THIS BOX ON THE BAR..  
NAME MAY BE WITHHELD IF DESIRED.**





## KWBC Presidents' Platform

Reflecting on 2006 for Killara Women's Bowling Club has shown continued comradery and involvement in Club affairs. Several new members have joined our ranks and we enjoy their company.



KWBC President  
Lea McNeill

Championships were played with a minimum of disruption due to weather (results Page 6) and the Consistency and Round Robin competition was enjoyed by all participants – despite very hot days for the Round Robin.

We seem to have spent most playing days this year in competition and we look forward to the New Year with less emphasis on

competition, though still participating in inter-club and district events.

The St Andrews Dinner was enjoyed by all that attended and gratitude is due to the many people who assisted.

For the Club Christmas Party, the Club is indebted to **Joy Mooney** for the donation of a Basket of Goodies to raffle – a raffle with special appeal to Bridge players.

At the Ladies Christmas break-up lunch and Awards presentation, we will be joined by many social members – surely a great way to enjoy the Club. See you all there.

*KBC Limited Executive has decided to conduct a survey to encourage members to express views and offer suggestions. Details are within this edition. Please participate and let your committees know your wishes and ideas.*

Seasons greetings to all members of Killara Bowling Club Ltd from all at KWBC and good bowling for 2007.

**Lea McNeill**

## MANSER TIERNEY & JOHNS-

### CHARTERED ACCOUNTANTS

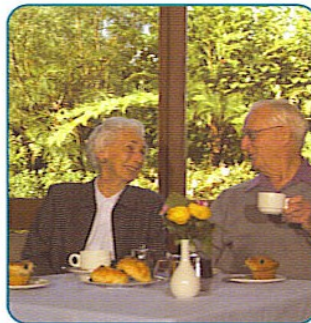
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## KBC Presidents' Platform : *John Muirhead*



**John Muirhead**

With much regret the Club received the resignation of **Norman Winckle** as our Patron of sixteen years. Norman gave exemplary service with great distinction and also performed the caring role for many years. At the AGM on 28<sup>th</sup> October the Club showed its appreciation to Norman with acclamation. The

Committee was unanimous in inviting **Peter Baume** to follow Norman and was delighted that he accepted. On Sunday 29<sup>th</sup> October the Club was host to **Graham Firth** and members of his family and to his bowling friends to celebrate Graham's 100<sup>th</sup> Birthday, which actually fell on 22<sup>nd</sup>. Bowls were played in the afternoon and both the Graham Firth and the Hilarie Moore rinks were fully occupied. The Womens Club organised the catering including sandwiches, slices and a delicious chocolate cake complete with candles, all on beautifully decorated tables. Grace was said by Norman Winckle our former Patron and our new Patron, Peter Baume, delivered the oration covering Graham's life and business career and his service to the bowling club and concluding with the toast to Graham.

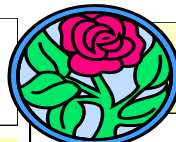
Our thanks go to our Coaches **Edwin Burton** and **Ed O'Donnell** for the special coaching programme they devised to improve our skills for the forthcoming season. Attendance was lower than anticipated but they are always conscientious in providing specific individual advice on all aspects of play and tactics if asked.

Two intra-Club trial sessions have been held and inter-Club trials will be held before the season starts in March. These will assist the Selectors in their most difficult task of picking the teams most likely to perform consistently at their best in the conditions of the competition, both at home and away where the greens can be expected to present challenges. In the 2006 the Club was placed in sections within the grades in which the competition was considered to be stiff but the Club finished third in both the Grades 5 and 7. Our aim is to do as well if not better this coming year.

The Twilight Bowls season for the summer commenced with the return of daylight saving but is now closed again for the Christmas break. Dinner is provided by **Sue Cleary** but only if the numbers are sufficient to warrant it. It will start again after the holiday period.

I wish all members a very happy Christmas and good bowling in 2007.

*John Muirhead*



## *Beryl Writes . .*

The Mixed Bowls match against Warrawee was cancelled because of inclement weather. I think we were all pleased to see the rain. Melbourne Cup Day was a great success organised by **Neil Falconer**. He makes it a real fun day. Thank you Neil. We filled two rinks. The St Andrews Day evening was most enjoyable. About 70 people attended, some playing bowls on a lovely evening. It was good to hear the old bagpipe again, played by a young Knox Student. We enjoyed the company of Six Staff from our Sponsors, Burns & Burns.

Twilight Bowls has commenced and to try to encourage more people to come, and perhaps to attract some new members on their way home, we can now play in "mufti".

When we have our "Special Days", please wear uniforms.

In the evenings it is cooler and so pleasant playing bowls for only 2 hours. You should try it. Even if you do not stay for Sue's delicious dinner. *Merry Christmas*

*Beryl Stephens*

### *A GREAT PLACE FOR BREAKFAST, LUNCH OR A SOCIAL COFFEE*



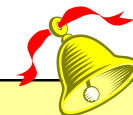
Extensive menu of modern Australian Cuisine, Snacks, cakes and best coffee on the North Shore! Fully Licensed or BYO Select delicatessen and Confectionary. Gourmet foods to go.

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**John Hugh Krieger**  
**27.09.1933 - 21.11.2006**

A great Clubman and a good bloke 'checked out' suddenly last month. Such an event creates an emotional dilemma: You are sad he has gone but glad you met him. It's tough for the family of course but with praiseworthy self-control his sons conveyed the special place he had in their hearts. The following are extracts from the eulogies jointly given by his sons Geoff and Tim:-

*"John Hugh Krieger was born on September 27, 1933, the son of Trudy and Fritz Krieger and brother of Andrew."*

*He was educated at Sydney Grammar School, graduating in 1951. He enjoyed his days at the school and remained an active member of the Old Sydneyans Association, celebrating their 50<sup>th</sup> reunion in 2001.*

*After leaving school, dad commenced his career in the wool trade, a career which spanned over 45 years and lasted until his retirement in 1998.*

*Of course, one of the other defining and long lasting influences in his life was his marriage to Pam. They both grew up in Rowe Street, East Roseville, meeting when teenagers and becoming mates over the years before finally marrying in 1959. Dad was 25, mum was 23. In that same year they bought land and built a home at 8 Barrie Street, Killara - a home that dad lived in until his death last week and one that has seen it all - births (both human and animal), kids parties, 18<sup>th</sup>'s and 21<sup>st</sup>'s, hundreds of BBQ's and dinners, and the odd bottle of beer and scotch!*

*Dad had 5 grandchildren. He was grandfather to Sophie, Thomas, John, Sidney and Douglas.*

*As recently as last Saturday, he loved spending the day with his entire family around him whilst enjoying a cold beer and a juicy steak.*

*If we listen carefully, knowing he is looking down on us now, you will hear him saying . . Gawd Stiffen the Crows!"*



### TEN YEARS YOUNG

In August KBC celebrated the tenth anniversary of the Place of Origin Matches, which were instituted in December 1996 by the then President. The trophy is the painting by Werner Filipich - "Longueville". Each club year three matches are played to determine the side which is to hold the trophy for the ensuing year.

The August match - the final match in the Tenth Series - was postponed for a week because of rain. The Rest won the match 117 shots to 89. Sydney had won the first match 126 shots to 105, while the second match had ended in a close result, The Rest winning 118 shots to 116. The Rest have won seven of the ten series over the years from 1996/7 to 2005/6: two of the seven victories were "clean sweeps" (three matches to none), albeit that the outcome of some of the other series has been close.

Now ten years young - the first match of the Eleventh Series was played on 11th November. It was a pleasant warm day in the midst of the volatility of the weather of recent weeks, and thirty-six members seized the opportunity. The Rest won 118 shots to 112. The Club acknowledges the efforts of the several people who in a variety of ways contributed to the enjoyment of the thirty-first match.

**Bob Sinclair**

*Over ten years and more than 30 matches, this innovative competition has given members many pleasant hours of friendly rivalry. Our congratulations and appreciation to it's convener, Bob Sinclair!*  
**ED**

### Don't Mess With Grandma!

An elderly Florida lady did her shopping and, upon returning to her car, found four males in the act of leaving with her vehicle. She dropped her shopping bags and drew her handgun, proceeding to scream at the top her voice, "I have a gun, and I know how to use it! Get out of the car..!!!"

The four men didn't wait for a second invitation. They got out and ran like mad. The lady, somewhat shaken, then proceeded to load her bags into the back of the car and got into driver's seat. She was so shaken that she could not get her key into the ignition. She tried and tried, and then it dawned on her why.

A few minutes later, she found her own car parked four or five spaces farther down. She loaded her bags into the car and drove to the police station.

The sergeant to whom she told the story couldn't stop laughing. He pointed to the other end of the counter, where four pale men were reporting a car jacking by a mad, elderly woman described as white, less than five feet tall, glasses, curly white hair, and carrying a large handgun.

**If you're going to have a Senior Moment, make it a memorable one!**



## Edwin Burton . . .

### KNOW THE LAWS.

Lawn bowls is probably the only sport played internationally which does not have a set of Rules which are observed by all countries for all levels at which the game is played. The World Bowls Board has endeavoured to achieve this with the Crystal Mark issue of Laws. This has been thwarted by Bowls Australia modifications from Domestic Regulations (DR) & RNSWBA Conditions of Play (CoP).

While the new Laws which apply from 1st January 2007, are similar to the Laws currently being used, there are significant changes. The following notes highlight those which are most likely to be encountered regularly.

#### Possession of the Mat

The Skip winning the toss or the previous end may pass the mat to the opposition team which places the mat, rolls the jack & plays first. Laws 18.2 18.4 The mat should be placed with the centre line of the mat on the centre line of the rink with the front edge of the mat not less than 2 metres from the rear ditch or less than 25 metres from the front ditch.. Law 19.

#### Rolling the Jack

The minimum legal roll of the jack is 23 metres after being centred, measured from the centre of the mat line. Should the jack be improperly rolled i.e. less than 23 metres, out of bounds or into the ditch or from an improper stance on the mat, the jack is then rolled by the opposing lead. Should each lead improperly roll the jack once, the jack is placed on the 2 metre mark and the mat placed in any legal position by the first to play. Law 22, 23.

A rebounding jack must come to rest not less than 20 metres from the centre of the mat line, otherwise the end is dead. Laws 30.1

#### The Scorecard

The card should be kept by the player playing second. On completion of the game the Skips should enter on the card the time of completion of the game, sign the card and hand it to the Controlling Body. Law 37.3.1

#### Re-spotting the Jack

It is only in Sets Play or if the Conditions of Play for a particular competition eg. our Autumn & Spring Carnivals that there are no dead ends and the jack is re-spotted. Law 15.5

#### Director

The term Director and the responsibilities of that position have been removed from the new Law Book. The player playing immediately before the Skip is now restricted to protecting the head, marking touchers and determining the result of the end. All other decisions are the responsibility of the Skip. Laws 37 & 39

#### Touchers

A toucher should be marked before the next bowl comes to rest, If not so marked the bowl ceases to be a toucher.

#### Incomplete Ends

If players leave the green before an end is completed eg. due to inclement weather, when play resumes the end is treated as dead and the end replayed, unless all bowls had been delivered before the stoppage and it only remained to determine the result. In this situation, when play resumes on the same day, the result is then determined. Law 50

#### Foot faulting

Before delivering a bowl or jack, a player should take a stance on the mat with one foot fully on the mat. At the time of delivery, one foot should be wholly or partly on or over the mat. Law 20

## KWBC CHAMPIONS FOR 2006

### Major Singles

Winner: *Jean Brierley*

### Minor Singles

Winner: *Shizuko Hashimoto*

### Pairs

Winners: *Barbara Cotton* and *Maria Hearder*

### Triples

Winners: *Shizuko Hashimoto, Robin Hey* and *Alice Burton*

### Fours

Winners: *Alison Calder, Shizuko Hashimoto, Livia Geniale* and *Lea McNeill*

### Consistency

Winner: *Maria Hearder*



#### The Monks And The Copies

A new young monk arrives at the monastery. He is assigned to help the other monks in copying the old canons and laws of the church by hand. He notices, however, that all of the monks are copying from copies, not from the original manuscript.

So, he goes to the head abbot to question this, pointing out that if someone made even a small error in the first copy, it would never be picked up. In fact, that error would be continued in all of the subsequent copies.

The head says, "We have been copying from the copies for centuries, but you make a good point, my son." So, he goes down into the dark caves underneath the monastery where the original manuscript is held in archives inside a vault that hasn't been opened for hundreds of years.

Hours go by and nobody sees the old abbot. So, the young monk gets worried and goes downstairs to look for him. He sees him banging his head against the wall, and wailing "We forgot the 'R', We forgot the 'R'".

The young monk asks the old abbot, "What's wrong, father?" With a choking voice, the old abbot replies, "The word is CELEBRATE!"







## BOWLS SECRETARY'S REPORT *Robin Hearder*

The sad passing of **John Krieger**, reported elsewhere, who besides being a fine player supported the Club in many administrative roles over the years, and his experience and wisdom will be missed. In particular, he was very kind and helpful to me as a newcomer in this post, and he was an excellent delegate for the Club at the SNDBA (Zone 9) Management Committee meetings.

Many thanks to the 30 members who turned up for the AGM of the Bowling Club in October and returned **John Muirhead** as President but something went awry over the lack of nominations for the Bowls Secretary so regrettably you have me again. I would like to thank all those people who have assisted me, and in particular **Bob Sinclair** as Chairman of Selectors, and **Bob Bessemer** the Editor who does the colourful signing-up Club competition notices, and also maintains the Membership data-base and Locker lists. **Josef Zazulak** spends a lot of time compiling the weekly results to send by email to the North Shore Times, and we are grateful he will continue that onerous job of Publicity Officer, as well as

to remind everyone we are an active Club, and worthwhile joining !!.

Congratulations to **Martin McMurray** and **Ian Cameron-Smith** for winning the Club Handicap Pairs by defeating **Les Cohen** and **Michael Tsolakis**; and to **Roly Mathews**, **Don Cozens**, **Bob Sinclair**, and **Lee Sanders** for defending their Club Fours championship against the strong challenge from **Josef Zazulak**, **Tom Takahashi**, **Rick Edwards**, and **Ed O'Donnell**. There was a great turn-out of six rinks for the return leg of the Langker Trophy in mid-October against Warrawee B.C., but unfortunately we fell a few shots short in our quest for victory. The Club was also represented by ten players in the Annual Ku-ring-gai Shield held at Turramurra in September, and by **Warwick Druce**, **Neil Falconer**, **Ian Cameron-Smith**, **Lee Sanders** and **Rick Edwards** in several Fours competitions including St Ives B.C., and Neutral Bay B.C. over the past couple of months.

**Neil Falconer** continues to do a wonderful job of finding bowlers for the weekly Burns & Burns Open Triples, and many thanks to **Richard Burns**, our Major sponsor, for recently printing us some new scorecards which can also be used in Pennants matches. Christmas greetings and a Happy New Year to you all!

*Robin Hearder*



\*\*\*\*\*  
**BUMPER STICKERS**  
**WE LIKED**  
 \*\*\*\*\*



One good thing about Alzheimers...  
 you get to meet new people everyday.

Birthdays are good for you.  
 The more you have, the longer you live.



**Experience is a wonderful thing.**  
 It enables you to recognize a mistake when you make it again.

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## BOWLS ADMINISTRATION IN NSW



I would suspect that very few of our some 200 members, men and women, would readily know the badge on the left; and even after it divining its function, understand the importance of Zones in the administration of

our great game. Let's talk about our Zone:-

*Zone 9, more formally Sydney Northern District Bowling Association – Zone 9 Inc., is the body responsible for the administration of men's lawn bowls on behalf of the State controlling body, the Royal NSW Bowling Association. Located in the Sydney Northern suburbs and Northern beaches area – geographically from Sydney Harbour north to the Hawkesbury River and generally east of the Pacific Highway. It is one of 5 Sydney metropolitan zones within the 16 zones comprising the whole of New South Wales.*

*The Zone has 40 accredited clubs which have a total membership of approximately 4000 male bowlers and slightly fewer women bowlers. The women's District has somewhat different boundaries than the men's Zone 9.*

*The Zone's responsibilities include:*

- arranging the conduct of Zone competitions including Zone Championships, Pennants, Mid-Week Triples, Rookie of the Year etc
- selecting teams to represent the Zone in various inter-zone competitions throughout the year
- overseeing the implementation of the Laws of the Game within its accredited clubs and accrediting coaches and umpires ensuring the maintenance of standards of club greens

*The present Zone was created in 1995 when the State was restructured into 16 zones and again in 2004 when the previously existing 2 Districts – Upper North Shore District Bowling Association and the Northern Suburbs District Bowling Association – were abolished.*

There are, of course, a large number of dedicated clubmen who volunteer their time and energy to make things happen. **John Krieger** was our representative until his recent death.

### MOVING WITH THE TIMES

Luddites still out-number computer literate members by a very long way. This information is therefore for the cognizetti only.

Both 'The Royal' and Zone 9 have excellent WEB sites with links to all manner of interesting and useful information for bowlers. Next time you are on the net you should visit:-

***www.zone9.rnswba.bowls.net.au*** and/or ***www.rnswba.org.au***

The information in italics above was downloaded from their site. The writer will reproduce other information from these and other internet resources in this and future editions. **RHB**

### The Secrets of a Happy Marriage

My wife and I have the secret to making a marriage last. Twice a week we go to a nice restaurant, have good food, a little wine and companionship. She goes Tuesday and I go Friday.

We sleep in separate beds, hers in Sydney mine in Melbourne. I take my wife everywhere, but she keeps finding her way back.. I asked her where she wanted to go for our anniversary, "Somewhere I haven't been for a long time " she said. So I suggested the kitchen. We always hold hands. If I let go, she shops. She has an electric blender, an electric toaster and an electric bread-maker. When she said that she had too, many gadgets, but nowhere to sit down, I bought her an electric chair.



Remember that marriage is the number one cause of divorce.

Statistically 100% of all divorces started with marriage, I married Miss Right, I just didn't know that her first name was Always.

I haven't spoken to her for eighteen months -I don't like to interrupt her. The last time we had a fight, it was my fault. She asked, "What's on the TV?" I said "Dust".

In the beginning, God created the earth and rested, Then God created woman. And since then, neither God nor man has rested.

*Contributed by 'a member'*

In the 1400's a law was set forth in England that a man was allowed to beat his wife with a stick no thicker than his thumb. Hence we have "the rule of thumb"

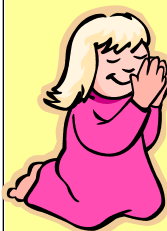
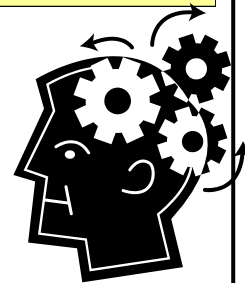
*Many years ago in Scotland, a new game was invented. It was ruled "Gentlemen Only...Ladies Forbidden"...and thus the word GOLF entered into the English language.*

In English pubs, ale is ordered by pints and quarts...

So in old England, when customers got unruly, the bartender would yell at them "Mind your pints and quarts, and settle down." It's where we get the phrase "mind your P's and Q's"

$111,111,111 \times 111,111,111 = 12,345,678,987,654,321$

*Many years ago in England, pub frequenters had a whistle baked into the rim, or handle, of their ceramic cups. When they needed a refill, they used the whistle to get some service. "Wet your whistle" is the phrase inspired by this practice.*



### FEMALE PRAYER

Before I lay me down to sleep, I Pray for a man, who's not a creep, One who's handsome, smart and strong. One who loves to listen long, One who thinks before he speaks, One who'll call, not wait for weeks. I Pray he's gainfully employed, When I spend his cash, won't be annoyed. Pulls out my chair and opens my door, Massages my back and begs to do more.

Oh!!! Send me a man who'll make love to my mind, Knows what to answer to "how big is my behind???" I Pray that this man will love me to no end, And always be my very best friend. **Amen.**

### Some Thoughts

Accept that some days you're the pigeon, and some days you're the statue.

*Always read stuff that makes you look good if you die in the middle of it.*

If you can't be kind, at least have the decency to be vague.

*Never put both feet in your mouth at the same time, because then you won't have a leg to stand on.*

When everything's coming your way, you're in the wrong lane.

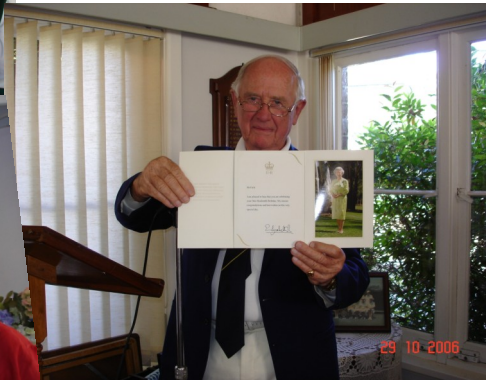
*Some mistakes are too much fun to only make once.*

We could learn a lot from crayons. Some are sharp, some are pretty and some are dull. Some have weird names, and all are different colours, but they all have to live in the same box.





## GRAHAM'S DAY WITH FAMILY, COLLEAGUES AND FRIENDS.







## MAKING A MODERN BOWL

Lawn bowls today are made from a hard plastic called **Phenolformaldehyde**. All manufacturers use powders with different specific gravities to achieve their desired weights for the various models. The powder manufacturer has to design the powders to suit the moulder's requirements of flow characteristics, colour, surface finish, etc. After the ingredients are blended, the initial process to produce the powder can commence which involves both heat and pressure. The chemical bonding process begins at this point, and the resulting "cake" is ground to the powder size specified by the moulders. Checking that the specific gravity is correct is a regular feature throughout the production and can be altered to ensure conformity to the requirements of the customer.

Next is the moulding of the blank. It is believed that the



moulding "blank" for a bowl is the largest solid mass of Phenol compound moulded successfully. Before the powder is placed into the mould it is passed through a radio frequency preheater which ensures that the moisture is removed and

that the "cake" is heated right through. This also restarts the chemical bonding process and thus helps reduce the time required in the mould. After the pre heating is completed the "cake" is put into a computer-controlled 160 tonne compression moulding press, the platens of which, are heated to 200°C. The "cake", which is then pressed into the final shape, remains in the press for 5.5 minutes and then merges as a blank ready for the computer-controlled lathes.

The blanks are then left to cool under controlled conditions so that the full cure can be successfully completed. Then they are sonic-checked for voids before being ready for use.

Composition blanks are carefully inspected and electronically weighed, the first of many inspections which

are carried out during the course of production.

The material is so hard and abrasive blanks are turned using diamond tools. Consistency of shape and performance is ensured by the use of computer controlled machinery.

Various templates and gauges are used to ensure accuracy of shape, size and weight to ensure compliance with WBB (World Bowls Board) requirements. Computers are also used to engrave the sets of 4 bowls. At this point the set has its unique set number, serial



number and the World Bowls Board & manufacturer's identification engraved on it.

After engraving, painting of the print and emblems is carried out to enhance the appearance of the bowls. This also Aids identification when in play.

Final testing using the approved and licensed test table. All bowls are tested to the WBB 'Master' bowl. As well as having to comply with the rigorous requirements of the manufacturers. Thus the different models are tested to their model specifications to conform that their performance will be optimal for given greens.

*This article largely excerpted from Zone 9's WEB site  
With thanks. RHB*



## BOWLS SIZES AND WEIGHTS

# NB Weights will vary by make and model.

SIZE	00	0	1	2	3	4	5	6
Dia. mm	116	118	121	122.5	124	125.5	127	128.5
WEIGHT # lbs-oz	2.10	2.12	3.0	3.02	3.2	3.4	3.6	3.6