

CYMBIDIUM NEWS

Published by the Cymbidium Orchid Club of South Australia Inc.

<http://www.cymorchidssa.com.au> **also** see us on **Facebook**

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Judge's Choice Best Overall

of the limited Winter Show

at the July meeting

**((Albryant x Mem Patsy Bauman)
x Purely Dreaming)**

Grown by John Moon

**It also won Best in Open Division
and 1st in Open Division, Large
Pure Colour**





July meeting / Winter Show
Above Best Large Standard Seedling
(Trace's Bullion x Intense Gold) x Harbour City
Grown by Ben Knobben

Below
Best Small Standard Seedling
Temlestowe's Charm x Pink Silk
Grown by Shane Moeller



Cymbidium News Volume 22 No. 7 August 2020

The New Cymbidium News is published monthly, February to November inclusive and is the Official Newsletter of the **Cymbidium Orchid Club of South Australia Inc**

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Graham Morris,	Dean Roesler #,	Jeanne Hall #,	Wayne Baylis,
Ben Knobben	Brian & Shirley Brand,		
	# indicates Deceased		

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**President
Graham Fear**

Presidents Message July 2020

Welcome to our August issue

It was great to get to see everybody again at our July meeting. Thank you to everybody for coming with over sixty members and three new members. It was a pleasant surprise that so many of you came for our first meeting since February.

I think the meeting went well combined with our limited Winter Show and entertainment. Thank you all for sticking to these new rules, and being patient with any hick-ups that happened and probably will happen as we work through these difficult times. Congratulations to John Moon for winning the Winter Show with ((Albryant x Mem Patsy Bauman) x Purely Dreaming) and to everybody for bringing plants along. There were some lovely looking plants considering it has been a very slow opening season, with lots of plants still tight in bud. Our display and trading table at Munno

Para and Port Adelaide for three days each were an outstanding success, with the Trading Table at both venues virtually out of stock half way through the second day.

We sold as much stock at both in two days, that normally sells in a week at Munno Para. Thanks to everybody who manned the table at both places and a special thank you to Peter and John for setting up both trading tables and displays, and getting everything to both venues. Great job guys, also to those of you that worked the night shift at Port Adelaide each night to 9.00pm thank you.

Our August meeting will go ahead as planned with no further restrictions at this stage, but please keep you distancing as we did at the July meeting. No plants for showing at the meeting, as West Lakes is only 4 days later.

A reminder on West Lakes. Put in will be Sunday 30th August at 5.00pm, and take out will be Sunday 6th September at 5.00pm. Ben is unavailable unfortunately, so Chee will be registrar for the show. Any queries or Judges that won't be available, please contact Chee. Judging will start at 6.00pm or sooner, and hopefully over and done with by 8.00. Chee will notify the Judges on which divisions they will judge.

As you know we are only allowed two 4 x 3 displays in one area with a 1.5 corridor between each display. Please let us know at the August meeting who will be bringing plants as space will be at a premium on the two displays.

A show schedule is on pages 5, 6 and 7 of this magazine. Please bring your plants along to be judged, especially the beginner's group as you now make up the large proportion of second division.

We will need help at the trading table at West Lakes so please put your name down to give us a hand, even if it is for just half a day. You will learn a lot and it is good fun.

I look forward to speaking to you all again in next month's magazine and catching up with you at the August meeting.

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Kind regards and stay safe and well.

Graham Fear President

West Lakes Spring Show Monday 31st August to Sunday 6th September 2020

Entry is via the western end loading dock as per last year next to Woolworths. Park opposite the Lakes Hotel and the entrance is through the large iron gates.

Helpers during the week can get a free parking ticket from the Trading Table or Wayne Baylis

Doors will be open at 5 00 pm Sunday 30th for put in of plants.

Put in is from 5 00 pm— 5 45 pm. Judging starts at 6.00pm.

All displays to be completed and fenced by 10.30pm.

Any person with plants for displays, but not for judging, may place them in any of the display areas.

For judging of all divisions (Open, First and Second), signs will be posted in the best lighted areas, indicating where to place each category of plant. If you are doubtful about where to place a plant, get help from a judge, or place it where you think it should go, and if incorrect, the judges will move it to the correct area.

There are nine (9) colour classes: -

White/Cream	Yellow	Green	Red	Pink
Pure colour	Brown/Orange	Novelty	Any Other Colour	

There are four (4) sizes: -

Large StandardOver 100 mm,	Small Standard.....85 mm—100 mm
Intermediate.....60 mm— 85 mm,	Miniature.....Under 60mm

Measurements are horizontally across the widest part of the flower.

There are three (3) member divisions:

Open First Second

All plants for judging or for sale on the trading table, must be clean, and not showing signs of virus, or the Judges or Show Marshal will reject them. The Judge's decisions are final. Should any protest be lodged, the Show Marshal will call an expert panel to give a decision.

West Lakes Show 2020 Prize schedule

Grand Champion	\$50
Champion of Divisions (2 prizes - excludes GC division)	\$10
Champion large standard	\$10
Champion small standard	\$10
Champion intermediate	\$10
Champion miniature	\$10
Champion Seedling	\$10
Champion large standard seedling	\$10
Champion small standard seedling	\$10
Champion intermediate seedling	\$10
Champion miniature seedling	\$10
Champion Specimen	\$10
Champion Species	\$10

Showbench results for July monthly meeting and limite

Class	Category	Prize
Judge's Choice	Best Overall	
Judge's Choice	Best in Open Division	
Judge's Choice	Best in First Division	
Judge's Choice	Best in Second Division	
Judge's Choice	Best Large Standard Seedling	
Judge's Choice	Best Small Standard Seedling	
Judge's Choice	Best Intermediate Seedling	
Judge's Choice	Best Miniature Seedling	
Open Division	Large Standard Yellow	1st
Open Division	Large Standard Brown	1st
Open Division	Large Standard Pure Colour	1st
Open Division	Small Standard Pink	1st
Open Division	Small Standard Pink	2nd
Open Division	Small Standard Novelty	2nd
Open Division	Small Standard Other Colour	1st
Open Division	Intermediate White	2nd
Open Division	Intermediate Pink	1st
Open Division	Intermediate Pink	2nd
Open Division	Miniature Pink	1st
Open Division	Miniature Pink	2nd
Open Division	Miniature Pink	3rd
Open Division	Miniature Green	1st
Open Division	Miniature Green	2nd
First Division	Small Standard White	1st
First Division	Small Standard Pink	1st
First Division	Small Standard Yellow	1st
First Division	Miniature Pink	1st
Second Division	Small Standard Brown	1st
Second Division	Miniature Red	1st

Spring Show conditions—Continued from page 5

Name tags are to be firmly attached to all plants exhibited. (available from the Registrar of Judges)

Open Division - Green, First Division - Buff, Second Division - White

The name of the plant is to be neatly written, and the Exhibitor Number in the bottom right hand corner

If the plant is a first time flowering seedling a yellow dot is to be attached to the label (available from Registrar)

d Winter Show

Plant Name	Exhibitor
[(Albryant X Mem Patsy Bauman) X Purely Dreaming]	John Moon
[(Albryant X Mem Patsy Bauman) X Purely Dreaming]	John Moon
Marilyn Thomas 'WB'	Graham Fear
Arachnid	Susan & Gary Hollands
[(Trace's Bullion X Intense Gold) X Harbour City]	Ben Knobben
Templestowe's Charm X Pink Silk	Shane Moeller
Jessie Blakiston X Dural Dream	Ben Knobben
Templestowe's Charm X Little Sarah	Shane Moeller
[(Trace's Bullion x Intense Gold) x Harbour City]	Ben Knobben
Arachnid 'Long Legs'	Nico Jong
[(Albryant X Mem Patsy Bauman) X Purely Dreaming]	John Moon
Templestowe's Charm X Pink Silk	Shane Moeller
Kirby Lesh X Blazing Fury	Shane Moeller
Henri Chu 'Craigburn'	Graham Morris
Prized 'Symbol'	Shane Moeller
Pearly Gates 'Angel'	Barry Bailey
Jessie Blakiston X Dural Dream	Ben Knobben
Jess Winter 'Kimberley'	Chee Ng
Gypsy Rose 'Princes'	Shane Moeller
Templestowe's Charm X Little Sarah	Shane Moeller
Gypsy Rose 'Princes'	Graham Morris
Templestowe Opal 'Hearts on Fire'	Chee Ng
Thumbs Up 'Tamara'	Shane Moeller
Vanity Fair 'Hollywood'	Graham Fear
Dural Dream x Pepper Blaze	Graham Fear
Marilyn Thomas 'WB'	Graham Fear
Sarah Jean x Hungarian Beauty	Max Kahlbaum
Arachnid	Susan & Gary Hollands
Waringah Claret 'Kelly Lee''	Susan & Gary Hollands

After judging, a blue dot attached to the label indicates a first prize has been won by that plant. A red dot indicates a second prize, and a green dot indicates a third prize. Plants can win prizes in more than one class.

Note A light dinner, soft drinks and tea/coffee will be supplied to all exhibitors and helpers on put in night

Note also. No plants will be judged at the monthly meeting night (Wednesday August 26th). Bring them all to West Lakes.

Orchid Viruses

By Joshua White

Part 2: Testing for Viruses (Part 1 was in our July magazine)

In the first part of this series, I covered some general recommendations to avoid introducing or spreading viruses in your collection. Testing plants for viruses is an important part of this process; it is also the only way to confirm that a plant in your collection is infected. So how do you go about getting plants tested and should you test everything?

Targeted Testing

Hobbyists and enthusiasts with only small collections may find it possible to test every plant in their collection and thereby ensure that they don't have any virused plants. For those with larger collections or commercial growers, however, this can be an expensive and time-consuming process. Instead, they can take advantage of a form of statistics called population sampling – the selection of a smaller number of plants that will provide a reasonable indication of the condition of the whole collection.

The key is to ensure that the subset of plants used accurately represents the whole collection; this is the hardest part of the process. Look for ways in which the collection is naturally grouped – for example, by age, supplier and genetic makeup. If half your collection are historical plants that have been inherited, then half of the plants you select for testing should fall into that category. If a third are from a certain supplier or lab, then a third of the plants to be tested should be from that supplier or lab. Additionally, try to select plants at random within each of the groups to remove any bias.

The actual number of plants you will need to test depends on the size of the collection and how confident you need to be that the results accurately represent the whole collection. There are a number of online calculators for determining a statistically significant sample size; for example, if you have 1000 plants and want to know roughly what percentage are virused with 95% confidence, you would only test 278 plants.

It is also important to test any plants that have been selected for breeding or cloning. It is thought that one of the key reasons OFV has spread so much is due to virused mother plants being cloned. Getting the mother plants tested before clonal runs helps to ensure that viruses are not being propagated and ending up in the collection of unwitting buyers. Furthermore, both CymMV and ORSV can transfer via pollen, so both parents in a cross should be tested to ensure one does not infect the other.

Virus Testing Options

There are two main options for individuals who wish to test their plants for viruses: either 1) send samples off to a lab, or 2) purchase the home-use test strips.

In Australia, the Department of Primary Industries, Parks, Water and Environment (DPIPWE) Tasmania provides testing for plant viruses across a wide range of genera. Their orchid virus test service covers ORSV, CymMV and OFV and, at the time of writing, cost \$24.81 per sample (the price is higher for other types of plants). Usually there is a small price rise of less than a dollar early in the financial year, so for the 2020-2021 year prices will probably be slightly above \$25 each.

DPIPWE stipulates that:

- Leaf samples must be 10cm or longer and sealed in individual, clearly labelled ziplock bags (shown right)
- Samples must be free of pests and debris

- All sample bags must then be placed into another ziplock bag (below right)
You don't need to provide the name of your plant; a codename will suffice, as long as it is clearly identifiable. I recommend numbering all the samples and including a cover letter with the list of samples. This makes it much easier for DPIPWE to report results.



It is recommended to send samples via express post to reduce the time in transit. To arrange for testing, contact Peter Cross at Peter.Cross@dpiipwe.tas.gov.au or visit the website: <https://dpiipwe.tas.gov.au/biosecurity-tasmania/plant-biosecurity/plant-diagnostic-services>
Growers can also source ORSV+CymMV test strips (to the best of my knowledge there is not yet one available for OFV). DPIPWE is the official distributor for the Agdia test strips in Australia, but clubs and societies sometimes purchase them in bulk to distribute. Regabio tests are also available in Australia, once again from clubs or smaller suppliers. The test strips are designed to be rapid (under 5 minutes for Agdia, or 15 for Regabio) and must be stored between 2°C and 8°C (Agdia) or 2° and 30°C (Regabio).

Orchid Extras in Victoria stocks the Regabio tests (photo courtesy of Andrew Wagstaff) and can ship them within Australia. At the time of writing, prices were as follows:

- 1 for \$7
- 10 for \$69
- 20 for \$135
- 50 for \$325

There are pros and cons to the test strips, so it is up to the individual grower to decide which approach to take. Test strips do not cover OFV and they have a limited lifespan, but they are convenient for testing small numbers of plants.

A good use case for the test strips is in checking plants from older collections, as they are less likely to have OFV present. US grower A'na Sa'tara documented her experience testing her entire collection (at <https://www.aeorchids.com/orchid-culture/orchid-virus-testing/>)

and noted that the Agdia test strips are sensitive enough to combine samples from up to 6 plants (although Agdia does not recommend this approach, nor do they guarantee an accurate result if you do it). She notes that the key is to ensure that “the sample quality is good (enough cellular liquid content and well crushed)” and to “take extra care to crush each plant’s sample individually, and then thoroughly mix the buffer solution in the test kit.”



This combination approach can allow you to more quickly and cost-effectively assess groups of plants where it is thought that there are few to no infections. A negative result allows you to exclude those handful of plants, whereas a positive means that you will need to go back and retest the plants individually.

Always remember to observe good plant and tool hygiene when collecting samples for testing; **never** go directly from plant to plant when taking samples. I always clean and thoroughly flame my scissors between taking samples to ensure that I am not cross-contaminating plants.

I Might Have a Virused Plant in My Collection! What Do I Do?

If you find a plant in your collection you suspect may be virused, first make note of where it is and what other plants are around it. You will need this information later, especially if the plant tests positive. Isolate the plant and get it tested as soon as you can.

Once you have confirmation that your plant is infected, you need to destroy it. The best approach is to bag up the plant – including the pot and any stakes – and place it in the rubbish (I do not try to salvage the pots, as it is just not worth the risk for the price of a new pot). Do not leave the infected plant out for a passer-by to pick up, nor give it away. Do not compost virused plants, either, as pests can feed on the plant material and risk spreading the infection. It is essential that virused plants be destroyed to prevent further spread; every virused plant that can be destroyed is a step towards eliminating these pathogens in cultivation.

Every plant that was adjacent to the infected plant should be quarantined and tested, as they may have been exposed to the virus a few different ways. I recommend waiting long enough for any potential virus infection to have become systemic (spread throughout the plant) before testing the quarantined plants – this allows you to avoid the risk of a false negative. For Cymbidiums, this means that if your plant tested positive for CymMV, you need to wait 6-8 weeks before testing the adjacent plants; for ORSV, this waiting period is 7 months and for OFV, it is until the next cycle of new growths are large enough to test. Waiting until any viral infection is systemic means that you can have confidence in the test results, as otherwise you may risk taking a sample from part of the plant that doesn't have a high enough level of virus to be detected.

Once you have removed the infected plant and its neighbours, the next step is to thoroughly clean the area where the infected plant was sitting or hanging. If it was a hanging plant, the hook (if kept) should be disinfected. If the plant was on a bench, the segment of mesh should likewise be disinfected (depending on the design of the bench, this may be challenging, so flaming the mesh may be the only viable option). Any in-pot dripper should be discarded and replaced.

In the Next Part...

In Part 3 of this series, I will look at the two older viruses – Cymbidium Mosaic (CymMV) and Odontoglossum Ringspot Virus (ORSV).

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**Our display and trading table at Munno Para
(in colour in electronic format (get it by email))**





**Our display and trading table at the Port Adelaide Plaza
(in colour in electronic format (get it by email))**



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Larger bags available but pre ordering is required.

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Home 08 8235 0340, Mobile 0417 887 431

(Best time to call is early evening on home number)

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Year round fertilising for year round health

Like humans and animals, plants require regular feeding throughout the year – at least once in each season. Happy, healthy, well nourished plants are more resistant to pests, diseases, heat stress and frost.

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**The next Meeting of the
Cymbidium Orchid Club of South Australia Inc.**

**Will be on Wednesday 26th August, starting at 8pm, in the
Burnside Assembly Hall, corner of Portrush and Greenhill Roads,
Tusmore**

An exciting meeting is promised with a few surprises

Information on the upcoming West Lakes Spring Show will be given

Note—No judging of plants will take place. Save them for West Lakes
Beginners Group will meet from 7.15pm on the stage at the front of the hall

Newcomers and Visitors are most welcome

Covid-19 spacing conditions will be in place

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Interstate Cymbidium Clubs

Cymbidium Club of Australia (NSW)

Secretary Mrs Judith Brooks Ph 02 9773 9197 email jahamilton.17@btinternet.com **Website** ccansw.com.au **Facebook** cymbidiumclubofaustralia

Meetings are on the second Thursday, March to November

Cymbidium Orchid Society of Victoria

Secretary Julie Forrest Ph 0417 339026

email efo28308@bigpond.net.au.

Website cosv.com.au Meetings Second Tuesday February to December

Cymbidium Orchid Club of Western Australia

Secretary Helen Stretch Ph 08 9362 4120 email hstretch2007@bigpond.com

Website cymbidiumorchidclubwa.com.au Meetings third Monday Feb. to Nov.

For details of other South Australian Orchid Clubs, refer to our Web Site cymorchidssa.com.au

Our “Cymbidium Orchid Club of South Australia” Facebook site is receiving well over 1000 views per posting, from growers all around the world. Plants shown at our meetings are posted, and we try to add some interesting articles, which often cannot be published in this magazine. Try to look in on us and support the site (please).

Refer also to our Cymbidium Orchid Club of South Australia Website
cymorchidssa.com.au

Bags of TriSodium Phosphate are now available from the trading table (for sterilizing cutting tools etc). One Kilogram bag \$10, 500 grams \$5.00. Larger bags are available on request. Note, these prices are much cheaper than you can get privately. **Contact Graham Morris if you need some now.**

There will be some First Strike rodenticide bait available from the trading table when meetings commence, or collect from Graham Morris 0419 823 724

Packs of 10 baits \$5.00, Packs of 25 \$10.00

This new product is getting good reviews from growers interstate who have been using it for some time.

Plants wanted by Bill Jayne

Khanebono ‘Jacinta’ Marilyn Thomas ‘WB’

Please phone Bill on 0419 039 022 if you know of someone who has one available

Prices effective from January, 2018

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Ideal for all acid loving plants such as Camellias, Gardenias, Azaleas and Rhododendrons. **20kg bag \$30**



Sudden Impact for Roses

Ideal for all flowering and fruiting plants - not just roses. **20kg bag \$30**
1L Bottle \$10



Strike Back for Orchids

Ideal for the all potted flowering and fruiting plants - not just orchids. **20kg bag \$30**

Strike Back for Orchids Liquid
Ideal for all potted flowering and fruiting plants - not just orchids. **1L bottle \$10**



Sudden Impact for Lawns

Ideal for new and established lawns, along with other non-flowering plants such as palms, ferns and conifers, as well as leafy vegetables and herbs. **20kg bag \$30**



Upsurge

Ideal for turf to improve soil structure and increase earthworm activity, root growth and resistance to pests and disease. **7.5kg bag \$16**

ORGANIC FERTILISERS



Bounce Back

A high quality, general purpose fertiliser, specifically formulated for the most effective and safe feeding of all your garden plants. Ideal for winter and summer application. 100% organic and ACO registered. **20kg bag \$13**



Rapid Raiser

A high quality, boosted general purpose fertiliser. The increased phosphorus level makes it ideal for planting and promotes faster, healthier and sustained growth for all plants. Particularly suitable for heavy feeding plants such as roses and citrus. 100% organic and ACO registered. **20kg bag \$15**



Blade Runner

A high quality, general purpose lawn fertiliser. Ideal for all use on all lawns, particularly new lawns and summer application of established lawns where the slow release properties help to prevent thatch build up. 100% organic and ACO registered. **15kg bag \$15**



Rocket Fuel

Specifically developed for growing healthy, organic fruit and vegetables. A portion of all retail sales go to supporting the Stephanie Alexander Kitchen Garden Foundation. 100% organic and ACO registered. **15kg bag \$13**



Cock'n'Bull

A mix of cow and chicken manure, Cock'n'Bull is ideal for conditioning the soil whilst adding nutrients. A perfect additive to any garden or veggie bed. 100% organic and ACO registered. **30L bag \$7**



Meatworks Blood'n'Bone

An all-purpose organic fertiliser manufactured from meat and bone meal. **25kg bag \$30**

ORGANIC FERTILISERS



Seamungus Pellets

Ideally suited for establishing new plants (particularly bare-rooted roses) and for use on natives. Seamungus can also be used as a plant tonic to revitalise all your plants throughout the year. 100% organic and ACO registered. **20kg bag \$20**



Seamungus Liquid

Ideally suited for establishing new plants (particularly bare-rooted roses) and for use on natives. Seamungus can also be used as a plant tonic to revitalise all your plants throughout the year. **1L bottle \$10**



Seamungus Green

The smaller crumble form makes Seamungus Green ideal for lawns and in dry conditions where more immediate breakdown is required. It can also be used as a plant tonic to revitalise all your plants throughout the year. 100% organic and ACO registered. **20kg bag \$22**



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Biologically activated, nutrient rich, weed free, absorbent super mulch. **20kg bale \$14**



GOGO Juice

A pro-biotic for your soil and plants, GOGO Juice provides all the benefits of applying liquid kelp, seaweed and humic acid, whilst adding beneficial bacteria to assist in breaking down the organic matter, maximising the nutrients available to your plants.



1L Concentrate \$10
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BOOKS



From the Ground Up SA currently out of stock



VIC



NSW

From the Ground Up

From the Ground Up is a complete and comprehensive, state-based garden guide for gardeners. The books utilise the recommendations of many plant experts, coupled with the fantastic knowledge and experience from our authors - Sophie Thomson (SA edition), Jane Edmondson (VIC edition) and Linda, Sandra and Graham Ross (NSW edition). **\$35 each**



Year round fertilising for year round health

Like humans and animals, plants require regular feeding throughout the year - at least once in each season. Happy, healthy, well nourished plants are more resistant to pests, diseases, heat stress and frost.

The programs have been specifically developed by experts who rely upon optimum plant growth to earn their living. To find the NeutroG feeding program that is right for you, log onto our website www.neutroG.com.au

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Best Intermediate Seedling
Jessie Blakiston x Dural Dream
Grown by Ben Knobben

Best Miniature Seedling
Templestowe's Charm x Little Sarah
Grown by Shane Moeller





Best in First Division
Marilyn Thomas "WB"
Grown by Graham Fear

Best in Second Division
Arachnid (Death Wish x erythrostylum)
Grown by Susan and Gary Hollands

