Since the first year of its inception CGACC has continued with its targeted activities with roughly the following division of time:

Identify cultivar requirements and opportunities, (+-10%)

We have engaged with growers and offshore companies in the past year during meetings, workshops and study group field trips. It has been difficult to gauge from growers what the requirements are as this tends to lean towards cultivars that are easier to produce in many cases. As a result we have complemented this feedback by engaging with exporting companies as well as off shore marketing companies, Super Markets and via our own CGA Stats. and trend analysis, thanks to John Edmonds.

As reported last year in these workshops and CGA road shows, the trend of interest, still leans towards Soft Citrus with emphasis on Late Mandarins. This emphasis is much the same for other industries that we have been in contact with. It was also quite evident at the International Citrus Congress in Valencia that the emphasis of breeding is heavily in favour of Mandarins at present.

In meetings with Growers, there are however the first signs of concerns of a possible over supply of Late Mandarins in the near future, as further Ha's of Late mandarins are made available and new cultivars are released. It would appear, (Table below) that total Late Mandarin plantings in the Southern Hemisphere could come close to 4000 Ha., (the max Ha.s considered to sustain current high prices), by 2017. A counter argument is that as the popular Mandarins become more available they could eat further into the sweet orange market share. Oranges could become the victim of Mandarin consumption. There are however good signs in trends seen in Russia, Ukraine, and in parts of the East where growth is not only in Soft Citrus but also Oranges.

Late Mandarins		2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Budwood Sales	buds	175 310	321 530	324 190	50 000	50 000	50 000	50 000	50 000	50 000	50 000
New Ha	ha	250	440	170	270	273	42	1000	1000	1000	500
Total Ha	ha	837	1 277	1 447	1 717	1 990	2 032	3 032	4 032	5 032	5 532
Bearing Ha	ha	**481**	**541**	**562**	**1 044**	**1 444**	**1 334**	**1 547**	**1 764**	**2 750**	**3 750**
Total Cartons	Ctns	731 120	822 320	854 240	1 586 880	2 194 880	2 027 680	2 351 440	2 681 280	4 180 000	5 700 000

Undertake international and local sourcing, (50%)

CGACC has continued to sign a further 9 agreements for spontaneous mutations found around South Africa, bringing the amount of cultivars managed by CGACC to 35. At present 15 of the 35 are through STG and are now going out into trials. Growers will be informed of the progress of these cultivars as more evaluation information comes available.

CGACC has signed agreements and is involved in further negotiations with parties in North America and Europe regarding cultivars suitable for both the warmer northern areas and the cooler South.

Other areas of activity this past year are rootstocks, some of which are now in quarantine. This will continue to be a focus wrt:

- Rootstocks showing improved, tolerance to calcitic, saline & water stress conditions.
- Resistance to strategically important diseases and pests, (phytopthera, Eelworm etc.)
- Improved production and quality.
- Dwarfing to reduce harvest costs.

Collaboration with other Cultivar Management Organisations, CMO's (10%)
As above, CGACC is developing relationships with partners off shore who could become partners in managing our cultivars off shore, in both protecting them and exposing our cultivar owners to an off shore income stream. These relationships would further assist our industry by developing agreements with non-competitive northern hemisphere CMO's and giving us access to their cultivars in exchange for ours.

Manage all CGACC processes and Procedures, (30%)
Initially this activity has not demanded as much time as the other items, but as varieties come through the CIS Pipeline it is has increased dramatically. As a result we will be increasing capacity in the above management processes of the cultivars we manage for Owners. These would be tracking the progress of cultivars through Quarantine, the CIS pipeline, evaluation and propriety issues. Thereafter as the varieties become available for release, administration of royalties and movement of plant material movement will demand increased capacity.

Future Trends:

An ever increasing area of interest is the health aspects associated with Citrus and other fruits. The International Citrus Congress in Valencia that I was fortunate to attend had numerous lectures on the subject. Large Corporations are looking into the future of these health benefits. These could be the anti-oxidants, Anthocyanin, and Lycopene found in Blood fruit and red citrus. The large juice companies are increasingly interested in the market acceptance of Orange juice as a healthy source of vitamin C, carotenoids and polyphenols, such as Hesperidin and Naranginen. This is borne out by Cokes becoming the world's biggest juice company in recent years. Furthermore Lipitor safe, (cholesterol medication), low Furancoumarin grape fruit could bring Grape fruit back into favour. The health benefits of Grape fruit could be aided by increased consumption by the younger generation in sweeter varieties with less bitter flavour. This appears to be a space to watch in the future.