

MATURITY & RESIDUE TESTS Continued...

Table 1 is based off Hayward data but the same principle applies to G3 Growers.

The Hayward Maximum Taste Payment (MTP) being raised from 40% to 50% is good news for growers that produce high dry matter fruit. Low dry matter fruit will result in a reduced OGR.

Table 2 shows an estimated OGR for various dry matter levels in 2015 and the difference a 50% MTP would cause:

Table 2: Maximum Taste Payment affect on OGR

Dry Matter %	2015 OGR Estimate	With new 50% MTP
15.5	4.26	3.81
16.0	4.47	4.14
16.5	4.66	4.51
17.0	4.86	4.86
17.5	5.04	5.17
18.0	5.22	5.44
18.5	5.39	5.68
19.0	5.54	5.89
19.5	5.68	6.06
20.0	5.81	6.18
20.5	5.91	6.25
21.0	5.98	6.28
21.5	6.03	6.29

Sample & Protocol Changes

All G3 clearance samples will now be 90 + 60 fruit. This is used to give more confidence around accepting smaller sizes into inventory, help identify TZG by size and any colour/size relationship present.

There has been an increase in sampling and lab costs due to these changes – refer to this link for full pricing information: http://www.agfirstbop.co.nz/media/pdf_library/other/clearancecharges.pdf

A new G3 conditional mainpack protocol has been introduced this year. This will allow maturity areas with variable colour development but an increasing brix level to be harvested slightly earlier than last year in hopes to improve the storage potential. The new protocols are:

Table 3: 2016 G3 Harvest Protocols

Maturity Criteria	DM Threshold	Green Fractile (Colour)	Brix
Kiwistart	≥ 16.9	≤ 112.9°	Lower Fractile ≥5.0°
Conditional Mainpack	≥ MTS	≤ 111.1°	Mean ≥ 8.0° & Upper Fractile >13.5°
Mainpack	≥ MTS	≤ 109.3°	Mean ≥ 8.0°

WATER CONSENTS

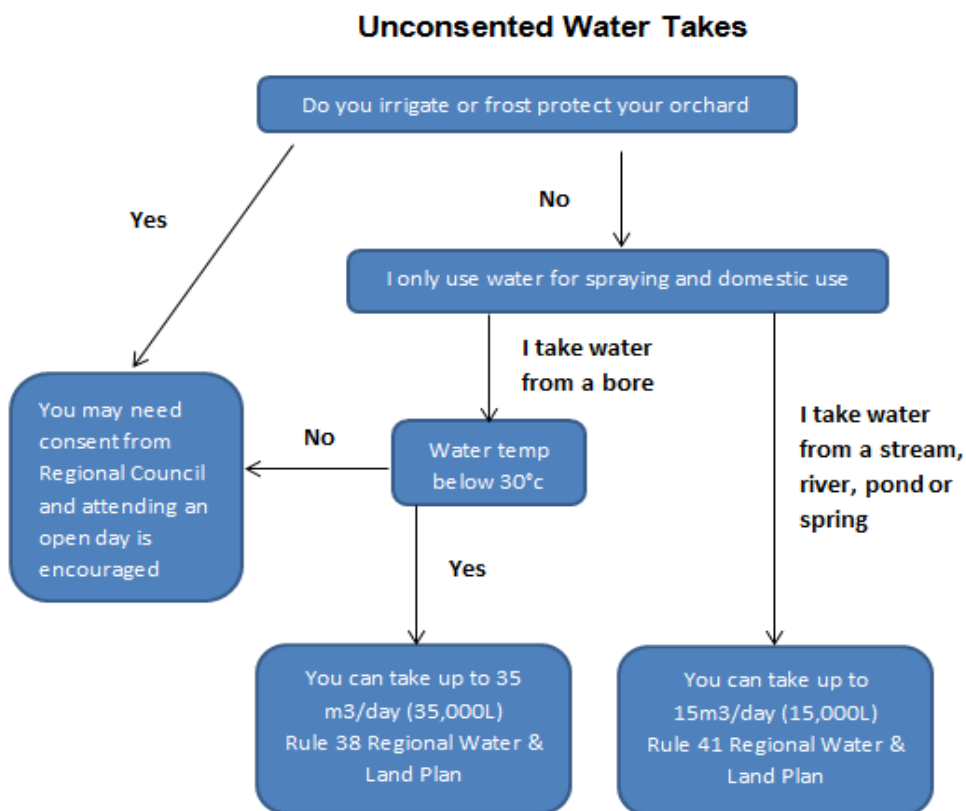
Having called in to the Katikati War Memorial Hall to gather information on the water consent process it was great to see that the Katikati growers were being pro active in gaining advice and taking action on the consent process if needed.

With water becoming one of the prime resources around the world we need to ensure that New Zealand's resource is protected and used wisely for future generations.

I believe close to 140 growers discussed or took action on their water consent's which is great to see. Water use on your orchard needs to comply with the Resource Management Act, Regional Council Rules and any Good Agricultural Practice (GAP) requirements. Bay of Plenty Orchards need to register any unregistered water takes with the council by the 31st of March.

Registrations from these unconsented takes will be grouped into catchment areas for allocation to be discussed with information to follow re consent applications and processes.

Please see the table below regarding whether you need a consent from the Regional Council.



Domestic use is: toilets and drinking water.

35,000 L is roughly the same size as the biggest plastic tank (30,000 L) this would be 17.5 spray tanks for a 2000 L volume sprayer (35,000/2000). 15,000 L is half size of the biggest plastic tank (30,000 L) this would be 7.5 spray tanks for a 2000 L volume sprayer (15,000/2000).