

POSTHARVEST ACTIVES

Active ingredient(s)	FRAC	Water (ppm)	Wax (ppm)	Target organisms	Effective residue (ppm)	Key points
2,4-D Sodium Salt (25 SL)	PGR	250	250	Prevents calyx drying	0.5	<ul style="list-style-type: none"> The use of 2,4-D indirectly protects fruit from latent pathogens that infect as the fruit ages. Residue measurements may differ depending on the technique used. Market restrictions
Azoxystrobin (250 SC)	11	1125	N/A	Green mould	0.4 – 1.5	<ul style="list-style-type: none"> Market restrictions
Azoxystrobin (240 SC) + Fludioxonil (240 SC)	11 12	600 600	N/A	Green mould	0.4 – 1.5 0.8 – 1.5	
Fludioxonil (230 SC)	12	600	2300 – 4600	Green mould	0.8 – 1.5	
Guazatine (210 SL)	M7	1000	Only as pre-formulated waxes	Sour rot	0.7 – 2.0	<ul style="list-style-type: none"> Market restrictions
Imazalil as sulphate (750 SG)	3	500	N/A	Green mould	2.0	<ul style="list-style-type: none"> pH, temperature and exposure time will influence the residue loading.
Imazalil (500 EC)	3	N/A	2000 – 3000	Green mould	2.0	<ul style="list-style-type: none"> Use 2000 ppm when also applying IMZ sulphate; use 3000 ppm when IMZ is applied as a single application.
Imazalil (0.2%) in wax	3	N/A	2000	Green mould <i>Diplodia</i>	1.0-2.0	
Imazalil (300 EC) + GRAS	3	N/A	3000	Green mould	2.0	<ul style="list-style-type: none"> Do not use at a lowered dose as this will negate the effect of the GRAS chemical working against sour rot.
Imazalil (7.5%) + Ortho-phenylphenol (10%)	3 N/A*	375 – 450 500 – 600	N/A	Blue mould, Green mould, <i>Diplodia</i> , <i>Phomopsis</i>	1.0 1.0-2.0	<ul style="list-style-type: none"> Market restrictions
Imazalil (200 SC) + Pyrimethanil (200 SC)	3 9	500 500	N/A	Green mould	2.0 2.0	<ul style="list-style-type: none"> Do not heat when treating lemons – high pyrimethanil residues will be loaded.
Ortho-phenylphenol (10%)	N/A	1000 - 2000 (Dose: 1 – 2%)	N/A	Blue mould, Green mould, <i>Rhizopus</i>	2.0-3.0	<ul style="list-style-type: none"> Market restrictions
Ortho-phenylphenol (28.6%)	N/A	N/A	2113 – 3531 (Dose: 0.75 – 1.25%)	Storage diseases	2.0-3.0	<ul style="list-style-type: none"> Market restrictions
Propiconazole (250 EC)	3	600	1800	Green mould, Sour rot	1.0 – 3.5	<ul style="list-style-type: none"> Market restrictions
Pyrimethanil (400 SC)	9	1000	4000	Green mould	1.0 – 2.0	<ul style="list-style-type: none"> Do not heat when treating lemons – high residues will be loaded.
Pyrimethanil (150 EC) + Propiconazole (120 EC)	9 3	750 600	N/A	Green mould, Sour rot	1.0 – 2.0 1.0 – 3.5	<ul style="list-style-type: none"> Do not heat when treating lemons – high pyrimethanil residues will be loaded. Market restrictions
Thiabendazole (500 SC)	1	1000	4000	Green mould, Stem-end rots	1.0	<ul style="list-style-type: none"> Thiabendazole has been proven to assist with chilling injury prevention

* FRAC group has not yet been included for ortho-phenylphenol

IMPORTANT NOTES:

- Always check label for the amount of active (e.g. 750 SG) which determines the correct dose. These may differ between suppliers.
- Do not use actives/FRAC groups in the pre-packhouse drench if they will be used in the packhouse as this is a resistance risk.

For assistance or to suggest edits to the factsheets, please contact CRI

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MRL list and restrictions: Visit www.cga.co.za or email pb@cga.co.za for "RECOMMENDED USAGE RESTRICTIONS FOR PLANT PROTECTION PRODUCTS ON SOUTHERN AFRICAN EXPORT CITRUS"

ALWAYS REFER TO PRODUCT LABELS