

**Log of changes made to Australian Certified Organic Standard 2017, appearing in ACOS 2019 v1.**

<b>Section of ACOS</b>	<b>Change</b>	<b>New ACOS Section</b>
<b>Changes required for EU1584</b>		
Annex VI point 23	Addition of text, "and only until 31st December 2020" regarding allowance of up to 5% non organic feed for EU market.	
Annex VI point 45	Addition of text, "45. For the purpose of cleaning and disinfection of frames, hives and combs, sodium hydroxide may be used" regarding beehives for EU market only.	Annex VI point 46
Annex VI point 66	Addition of text, "including subsequent amendments" regarding crop inputs.	Annex VI point 67
Annex VI point 67	Addition of text, "including subsequent amendments" regarding processing inputs.	Annex VI point 68
Annex VI point 68	Addition of text, "68. Minerals (trace elements included), vitamins, amino acids, and micronutrients may be added to food products, provided that: (i) their use in food for normal consumption is directly legally required for legal sale of the food type in the EU. (ii) for baby food or infant and follow on formulae, where such inputs are legally required by EU regulations 609/2013, commission directive 2006/125EC, and/or 2006/141/EC. ", regarding processed products for the EU market only.	Annex VI point 69
<b>Changes required for COSMOS Harmonisation</b>		
Section 6.6	Removal of entire section 6.6.	
Section 6.6	Addition of text, "Certification of cosmetic products is to COSMOS Standard. The COSMOS Standard and technical guides are available from the links in Annex VIII" as required by COSMOS to achieve harmonisation. See communique from Australian Organic Ltd, or your certifier for more information.	
3.5.20	Removal of text, "In the case of cosmetics the International Nomenclature of Cosmetic Ingredients (INCI) system shall be used on all ingredient listings.	
<b>Changes required for National Standard realignment</b>		
Definitions	Added to Definitions: "Additives: Substances added to a product to affect its inherent quality."	
Definitions	Added to Definitions: Processing aids: "Substances intentionally used in the processing of products to fulfil an essential technological purpose, and which do not exist in the final product in their original form. "	
1.2	Addition of text, "(excluding water and salt)"	
3.1.11; 4.7.15	Removed "as a guide", and changed "should" to "shall".	
3.1.14	Addition of text, "Livestock only with a verifiable history of conformance with the Standard throughout their entire lives and which were born on the production unit after it became subject to inspection and certification may be deemed certifiable for meat production."	
3.1.20	Addition of text, "An operator transferring from (due to decertification or withdrawal) a Certification Body must include in the application to another Certification Body the details of any sanctions imposed by the former certifier."	

3.1.21	Addition of text, "An operator who elects to transfer to another Certification Body will be subject to an initial inspection by the second Certification Body prior to being certified by that organisation."	
3.2.1	Removed text, "quality", added "animal welfare"	
3.3.10	Addition of text, "If the appeal is not resolved to the satisfaction of the operator, the operator has recourse through normal legal process."	
3.4.1.3	Removed word "organic" - so effectively ALL products entering or leaving the operation must be recorded, this will include any by products, or non certified livestock and livestock products.	
3.5.5	Removed text, "...where fully excluded from contact with certified product (unless dedicated to organic use only). Replaced with "where rendered as new through allowable sanitation and sterilisation processes. "	
3.5.6	Removed text, "acceptable food grade gases", replaced with "food grade nitrogen or carbon dioxide"	
3.5.8	Addition of text, "Certified Operators must not display any marketing, advertising material, or products in a manner that is likely to be misleading or confusing to consumers. "	
3.5.16	Addition of text, "The requirements listed above in 3.5.10 – 3.5.14 also apply to any products to be sold, labelled or marketed as In Conversion to Organic, with the exception that in conversion ingredients are used in place of organic or biodynamic. "	
3.5.17	Addition of text, "For products in which water constitutes greater than 70% of the product volume the organic ingredient percentage shall be listed per total product volume. This does not apply for reconstituted products."	
3.5.18	Addition of text, "For livestock products, only the same in In Conversion, Organic, or Biodynamic status as is currently held by the production unit is allowed to be displayed on labels and marketing material."	
4.2.7; 5.1.39; 5.3.3	Reference to 170kg N removed from body of ACOS (5.1.39, 4.2.7, 5.3.3), and added instead to EU Annex VI point 36. Added to 5.1.39: "while minimising potential for nutrient leaching, erosion, or overgrazing". Added to 5.3.3 "excess nutrient leaching does not occur."	
4.7.1	Addition of text, "In case of reasonable suspicion of land and / or product contamination, the certified operator shall advise the CO and provide factual evidence on the matter, and a proposed plan for management and monitoring of the potential contamination."	
5.1.4	Removed, "otherwise".	
5.1.6	Removed text, "but shall require three times the legal withholding period of the substance in question prior to killing."	
5.1.37	Addition of text, "Dams and/or watering points shall be established to allow rotational grazing" and "Equipment must be cleaned and disinfected to minimise the spread of infection".	
5.1.39	Addition of text, "Stocking rates and rotational grazing management shall take into consideration preventative disease management, good pasture and ecological management, welfare of stock, while minimising potential for nutrient leaching, or overgrazing of watering points or other high traffic areas."	
5.1.41	Addition of text, "Waste must be removed as needed to minimise odours and prevent pest infestation."	
5.1.42	Addition of text, "Where manure is stored, capacity must be sufficient for immediate needs, as well as additional storage to allow for instances where regular removal may not be possible."	
5.1.55	Removed text, "Systematic"	

6.1.11	Addition of text, "prevent contamination of organic products from residues of previously handled non organic products (including GMOs). Such practices and management should..."	
6.1.25	Addition of text, "including but not limited to: applying pressure or heat; freezing; salting; dehydrating; and smoking (where source material will not cause contamination of end product)"	
7.1.3	Addition of text, "The first extraction from a converting colony must not be labelled or marketed as organic."	
7.1.7	Addition of text, "which must provide sufficient forage to fulfil nutritional needs"	
7.1.9	Addition of text, "continuously available"	
7.1.17	Addition of text, "...plant extracts; essential or etheric oils, and not within 30 days of honey flow."	
7.3	Addition of text, "Parallel production as defined in section 3.6 is not allowed for sprout production."	
7.3.2	Addition of text, "and if municipal water used for final rinsing, measures to reduce chlorine levels must be employed. "	
7.4	Addition of text, "Parallel production as defined in section 3.6 is not allowed for landless mushroom production."	
7.4.4	Addition of text, "A healthy growing environment must be maintained, through proactive management of sanitation, proper airflow, and removal of spent material. To assist this process, the following methods may be employed: controlled atmosphere (airtight vessels containing carbon dioxide or nitrogen, infrared radiation and forced air circulation); physical methods for fly and pest control; steam; heating; ethanol and hydrogen peroxide treatment of buildings and equipment, where appropriate."	
7.7.6	Removed text, "or one full production cycle (whichever is longer)"	
7.7.11	Addition of text, "Polyploid or genetically engineered species are not allowed."	
7.7.25	Addition of text, "...shall not be out of water for more than 30 seconds..."	
7.7.27	Addition of text, "Clove oil, ice slurry, or carbon dioxide are permitted for the sedation of fish for pre-slaughter or transportation periods. Synthetic chemical tranquilisers are not permitted."	
7.7.31	Addition of text, "Minerals and vitamins used as feed supplements must be naturally sourced."	
Annex I	Addition of text, "liquid fertilisers....should be used with care."	
Annex I	Perlite - restriction added, "Permitted for nursery production".	
Annex I	Vermiculite - restriction added, "Permitted for nursery production".	
Annex I	Ayurvedic preparations added.	
Annex I	Sticky Barriers and Traps added, with restriction, "Traps may include fruit fly bait stations only if mandated, and if fully enclosed in a manner which prevents contact with land or produce."	
Annex I	Hydrogen peroxide added.	
Annex I	Sea salts and salty water added, for plant pest and disease management.	
Annex I	Potassium permanganate added.	
Annex I	Sulfur - restriction removed.	
Annex I	Vegetable oils - restriction removed.	
Annex I	Vinegar - pest control restriction removed.	
Annex I	Wax - carnauba citrus restriction removed.	

Annex I	Added "Waxing of citrus fruit only allowed where required by export markets. "	
Annex II	Ayurvedic preparations added.	
Annex II	Clay added.	
Annex II	Garlic, extract or crushed added.	
Annex II	Boric acid added.	
Annex II	Botanical products, plant extracts added.	
Annex II	Potassium permanganate - restriction removed.	
Annex II	Sea salts and salty water added.	
Annex II	Sodium bicarbonate added.	
Annex II	Potassium permanganate restriction removed.	
Annex III	Addition of text, "Where used, additives and processing aids must not compromise the authenticity or quality of the organic product."	
Annex III	Lactic acid - restriction to concentrated juices removed.	
Annex III	Sodium hydroxide added.	
Annex III	Wood ash added.	
Annex III	Lecithin restriction modified.	
Annex III	Sodium citrate - milk category added, and reference to: "also egg whites"	
Annex III	Potassium citrate - milk category added, and reference to: "also egg whites"	
Annex III	Calcium citrate - milk category added, and reference to: "also egg whites"	
Annex III	Locust bean gum - restriction added.	
Annex III	Guar gum - restriction added.	
Annex III	Activated carbon - restriction for plant products added.	
Annex III	Bees wax - restriction to releasing agent for plant products added.	
Annex III	Bentonite - restriction removed.	
Annex III	Calcium chloride - categories added.	
Annex III	Calcium hydroxide - categories added.	
Annex III	Carnauba wax - added "releasing agent for plant products"	
Annex III	Casein - categories added.	
Annex III	Citric acid - categories added.	
Annex III	Diammonium phosphate - added more clear statement, "Only for wines destined for EU market."	
Annex III	Diatomaceous earth - categories added.	
Annex III	Potassium hydroxide - added with restriction for sugar only.	
Annex III	Silicon dioxide - restriction changed to all plant categories.	
Annex III	Sodium hydroxide - "C" annotation removed.	

Annex III	Talc added.	
Annex III	Kaolin - added: "Extraction of propolis".	
Annex III	Lactic acid - added "M" anotation.	
Annex III	Sodium carbonate - added "M" annotation.	
Annex IV	Added, "Cleansers, disinfectants and sanitisers should be selected with consideration of avoidance of residual contamination, rapid biodegradability, low toxicity, worker safety, and low environmental impact of their manufacture, use, and disposal."	
Annex IV	Added, "This includes avoidance of known endocrine disrupting, ozone depleting, and trihalomethane forming compounds. "	
Annex IV	Added "Storage of such chemicals must not allow contamination of certified products. "	
Annex IV	Alkali carbonates added.	
Annex IV	Bleach - "Up to 10% solution" added.	
Annex IV	Added "Must be biodegradable, low phosphate" under Detergents listing.	
Annex IV	Iodine added.	
Annex IV	Lime added.	
Annex IV	Added Lactic and Phosphoric acids, with Restriction to Natural sources.	
Annex IV	Added Potassium permanganate (not to exceed 1% solution).	
Annex IV	Sodium bicarbonate added.	
Annex IV	Sodium borate added.	
Annex IV	Isopropyl alcohol - restriction removed.	
Annex V	"Should" changed to "shall".	