



16 December 2019

Australian Eggs -Open call for new research projects 2020/2021

Australian Eggs welcomes Preliminary Research Proposals for the following projects.

Please submit proposals to research@australianeggs.org.au by **January 31st, 2020**.

1. Testing the long-term efficacy (60 weeks +) of vaccines for production diseases, such as *Pasteurella multocida*, Newcastle disease.
2. An epidemiological study of Red mite and Lice; setting the benchmark for industry and suggesting management strategies associated with reduced red mite and lice burden in laying flocks
3. Investigating the options for range sanitation and determining the best methods for detecting, identifying and promoting good soil microbial populations
4. Reviewing current best practice for layer drinking water – studying the short, medium- and long-term effects on layers of consuming water with increased concentrations of sodium and chlorine
5. Economic assessment of investing in layer welfare
6. Comparative study looking at the different temperaments, behaviours and production characteristics of the brown layer, the white layer and the brown x white layer (including how do each respond to enrichment, stress events and comparison of rate of floor eggs)
7. Study of flock dynamics to better understand events that lead to pile ups and smothering; identifying movement patterns and potential intervention strategies. Ideal outcome would be a tool for producers to assess healthy/ unhealthy movement dynamics in real time
8. Review of layer production diseases emerging in other countries that have eliminated cage systems, exploring different production systems and management strategies employed in these countries to maximise production and welfare.
9. Identifying cost effective and practical ways to regenerate the range, understanding the benefits of various range cultivation strategies and the role plant probiotics could play
10. Ensuring water security for the Australian Egg industry; reviewing water use efficiency in the industry and identifying areas for improvement

For further information please email research@australianeggs.org.au or call (02) 9409 6903

