

Butirex C4

22 Years of
Research & Development



FAMIQS

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1. POULTRY

TRIAL CODE	YEAR	COUNTRY	MEASURED PARAMETERS				
			PRODUCTIVE PERFORMANCE	GIT PARAMETERS	CARCASS QUALITY	BACTERICIDE	ECONOMICAL PERFORMANCE
BROILERS							
PREM13-AV-BR-1	2004	Spain	✓				
PREM13-AV-BR-2	2008	Spain		✓			
PREM13-AV-BR-3	2010	Hungary				✓	
PREM13-AV-BR-4	2010-2013	Brazil	✓				✓
PREM13-AV-BR-5	2011	Spain	✓				✓
PREM13-AV-BR-6	2013	Venezuela	✓				
PREM13-AV-BR-7	2013	Russia	✓	✓	✓	✓	
PREM13-AV-BR-8	2013	Taiwan	✓	✓		✓	✓
PREM13-AV-BR-9	2013	Spain	✓			✓	
PREM13-AV-BR-10	2014	Spain	✓				
PREM13-AV-BR-11	2015	Russia	✓				✓
PREM13-AV-BR-12	2016	China	✓				✓
PREM13-AV-BR-13	2018	Portugal	✓	✓		✓	✓
PREM13-AV-BR-14	2019	Poland	✓				
PREM13-AV-BR-15	2019	Brazil	✓				
PREM13-AV-BR-16	2019	Brazil	✓				
PREM13-AV-BR-17	2019	Brazil	✓				
PREM13-AV-BR-18	2020	Spain	✓				
PREM13-AV-BR-19	2020	Spain	✓				
PREM13-AV-BR-20	2020	Spain	✓		✓		
PREM13-AV-BR-21	2021	Spain	✓	✓			
PREM13-AV-BR-22	2021	Egypt	✓	✓	✓		

TRIAL CODE	YEAR	COUNTRY	MEASURED PARAMETERS					
			EGG QUALITY	PRODUCTIVE PERFORMANCE	GIT PARAMETERS	CARCASS	BACTERICIDE	ECONOMICAL PERFORMANCE
LAYING POULETS/HENS								
PREM13-AV-LAY-1	2016	Spain		✓				
PREM13-AV-LAY-2	2016	Spain		✓				
PREM13-AV-LAY-3	2016	Spain		✓				
PREM13-AV-LAY-4	2018	Spain	✓	✓				
PREM13-AV-LAY-5	2018	France	✓					
PREM13-AV-LAY-6	2021	Spain	✓					
PREM13-AV-LAY-7	2023	Serbia	✓					
PREM13-AV-LAY-8	2023	Spain						
PREM13-AV-LAY-9	2023	Brazil	✓	✓				
BREEDERS								
PREM13-AV-BRE-1	2016	Spain	✓	✓				
PREM13-AV-BRE-2	2016	Spain	✓	✓				
OTHERS								
PREM13-AV-OT-1	2012	Perú	✓	✓				✓

2. PIGS

TRIAL CODE	YEAR	COUNTRY	MEASURED PARAMETERS					
			PRODUCTIVE PERFORMANCE	GIT PARAMETERS & DIARRHEA	CARCASS	BACTERICIDE	ECONOMICAL PERFORMANCE	LITTER DATA
PIGLETS								
PREM13-POR-LETS-1	2002	Italy	✓					
PREM13-POR-LETS-2	2012	Filipinas						
PREM13-POR-LETS-3	2013	Denmark	✓	✓			✓	
PREM13-POR-LETS-4	2015	China						
PREM13-POR-LETS-5	2017	Spain	✓					
PREM13-POR-LETS-6	2017	Serbia	✓	✓			✓	
PREM13-POR-LETS-7	2020	Brazil	✓	✓				
PREM13-POR-LETS-8	2020	France	✓	✓				
PREM13-POR-LETS-9	2023	France	✓	✓				
FATTENING								
PREM13-POR-FAT-1	2008	Spain	✓					
PREM13-POR-FAT-2	2011	Spain	✓					
PREM13-POR-FAT-3	2012	Hungary	✓	✓				
PREM13-POR-FAT-4	2014	Spain	✓					✓
PREM13-POR-FAT-5	2015	Spain	✓					✓
PREM13-POR-FAT-6	2016	Spain	✓		✓			
PREM13-POR-FAT-7	2017	Spain	✓					
PREM13-POR-FAT-8	2017	Spain					✓	
SOWS								
PREM13-POR-SOW-1	2005	Poland	✓					✓
PREM13-POR-SOW-2	2011	Spain						✓
PREM13-POR-SOW-3		Brasil					✓	✓

3. RUMINANTS

TRIAL CODE	YEAR	COUNTRY	MEASURED PARAMETERS					
			PRODUCTIVE PERFORMANCE	GIT PARAMETERS	CARCASS	BACTERICIDE	ECONOMICAL PERFORMANCE	OTHERS
PREM13-RUM-1	2013-2014	Spain	✓		✓		✓	
PREM13-RUM-2	2016	Turkey	✓					
PREM13-RUM-3	2018	Russia	✓					Diarrhoea incidence
PREM13-RUM-4	2022	Spain						
PREM13-RUM-5	2023	Saudi Arabia	✓					
PREM13-RUM-6	2023	Mexico	✓	✓				

4. AQUACULTURE

TRIAL CODE	YEAR	COUNTRY	MEASURED PARAMETERS					
			PRODUCTIVE PERFORMANCE	GIT PARAMETERS	CARCASS	BACTERICIDE	ECONOMICAL PERFORMANCE	OTHERS
PREM13-AQUA-1	2017	Brasil	✓			✓		
PREM13- AQUA-2	2018	Iran		✓		✓		
PREM13- AQUA-3	2019	Iran	✓			✓	✓	Enzyme activity
PREM13- AQUA-4	2022	Iran	✓	✓	✓			
PREM13- AQUA-5	2022	Sweden				✓		
PREM13- AQUA-6	2023	Ecuador	✓					
PREM13- AQUA-7	2023	Indonesia	✓					
PREM13- AQUA-8	2023	Brasil	✓	✓	✓			

5. OTHERS ANIMALS

TRIAL CODE	YEAR	COUNTRY	MEASURED PARAMETERS				
			PRODUCTIVE PERFORMANCE	GIT PARAMETERS	CARCASS	BACTERICIDE	ECONOMICAL PERFORMANCE
GUINEA PIGS							
PREM13-OTH-1	2011	Peru	✓		✓		
DOGS							
PREM13-OTH-2	2012	Spain					Stability extrusion
PREM13-OTH-3	2012	Spain					Palatability
RABBITS							
PREM13-OTH-4				✓			

6. IN VITRO TRIALS

TRIAL CODE	YEAR	COUNTRY	MEASURED PARAMETERS				
			PHISICO-CHEMICAL CHARACTERISTICS	INFLAMATION	OXIDATION	BACTERICIDE	ECONOMICAL PERFORMANCE
PREM13-LAB-1	2010	Hungary				✓	
PREM13-LAB-2	2021	Ecuador				✓	
PREM13-LAB-3	2021	Spain				✓	
PREM13-LAB-4	2021	France		✓			
PREM13-LAB-5	2021	Spain	✓				
PREM13-LAB-6	2022	Spain	✓				
PREM13-LAB-7	2023	France		✓	✓		