

2018 BREECH FLYSTRIKE RD&E TECHNICAL UPDATE

National Wool Declaration
(NWD) Update

Dr Kerry Hansford – AWEX

17 July 2018





National Wool Declaration (NWD)

10th Anniversary of the Mulesing Status section of the NWD

- Is voluntary, but recommended
- Allows growers to communicate with prospective buyers, processors, manufacturers and retailers
- NWD and its Integrity Program (NWD-IP) increasingly utilised by the wool trade

Mulesing Status Sale Catalogue and Test Certificate Codes

- Non Mulesed (NM) – removal of skin from breech and/or tail using mulesing shears
- Ceased Mulesing (CM) – definition changed July 2017 (no lambs born in the last 12 months are mulesed and no mulesed or mulesed with PR ewes or wethers are purchased)
- Mulesed with Pain Relief (PR) – registered pre- and post-operative products included
- Mulesed (Blank)
- Not Declared (ND)

Mulesing Status (for each Mob): NM: No sheep in this mob has been mulesed. M: Some/all of the sheep in this mob have been mulesed. PR: All sheep in the mob were mulesed using a registered Pain Relief product.							NWD V7.0		The National Wool Declaration (NWD) <i>must be completed/signed by Owner/Manager.</i> CM: Wool from sheep where mulesing has ceased on the property. No lambs born on this property in the last 12 months have been mulesed. No purchased sheep are mulesed. Has Mulesing Ceased on this Property? YES or NO (circle answer)			WOOL CLASSER DETAILS Registration No.										
						<table border="1"> <tr> <td>6</td><td>5</td><td>4</td><td>3</td><td>2</td><td>1</td> </tr> </table>		6	5	4	3	2	1				Name Karen Classer					
6	5	4	3	2	1																	
											Signature <i>KA Classer</i>											
											Mob/Ph No. 0444 444 444											
By signing this declaration, I warrant that (a) I am authorised to complete this declaration and confirm that all details contained in it are true and correct, (b) I authorise the selling agent to submit this document to AWEX (if requested) for the purpose of the Integrity Program and (c) I understand that I may be subject to random desk audits and on farm inspections, the results of which may be made available to the buyers of the declared wool and the selling agent. Details of the AWEX Integrity Program and Privacy Policy are available on the AWEX website: www.awex.com.au .																						
PIC <table border="1"><tr><td>Z</td><td>A</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr></table>		Z	A	1	2	3	4	5	6	Owner/Manager Name (Print)					Joseph Grower		Signature		<i>Joseph L. Grower</i>		Date 07 / 12 / 2018	
Z	A	1	2	3	4	5	6															

NWD Declaration Rates (%) by Mulesing Status by Season

Figures based on % sum of bales, all breeds & wool types, first-hand offered, P&D Certificates

%	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
NM	3	4	6	6	6	6	7	9	10	12
CM	3	3	3	2	2	2	3	3	3	3
PR	3	5	8	12	14	14	19	23	28	32
M	29	25	25	24	23	21	21	20	21	20
ND	62	63	58	56	55	58	50	45	39	34
Aust. Clip	38	37	42	44	45	43	50	55	61	66
Total Bales	1,416,656	1,467,058	1,589,514	1,456,151	1,598,009	1,452,077	1,617,165	1,487,894	1,539,608	1,592,684

Season 2017 = 2017/2018

NWD Declaration Rates (%) by State by Season

Figures based on % sum of bales, all breeds & wool types, first-hand offered, P&D Certificates

%	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2017 NM	2017 PR
NSW	40	40	43	47	50	49	56	63	68	72	15	34
QLD	28	25	30	29	38	35	40	47	53	64	23	16
SA	35	34	44	48	45	45	56	61	67	72	7	41
TAS	48	47	69	55	55	47	51	67	80	82	30	31
VIC	43	43	45	50	51	51	61	65	76	78	12	36
WA	33	27	37	35	28	24	21	24	31	35	3	17
Aust. Clip	38	37	42	44	45	43	50	55	61	66	12	32

NWD Adoption Rates (%) by Micron for Season 2017

Figures based on % sum of bales, all breeds & wool types, first-hand offered, P&D Certificates

%	<18.6 µm Merino		18.6 – 24.5 µm Merino		>24.5 µm Non Merino		All Breeds	
	No. Bales	%	No. Bales	%	No. Bales	%	No. Bales	%
NM	53,394	11	58,627	7	70,444	29	182,465	11
CM	12,146	3	20,141	2	8,442	3	41,002	3
PR	192,824	41	287,566	33	22,535	9	502,925	32
M	84,329	18	186,942	21	52,185	21	323,456	20
ND	126,062	27	324,391	37	92,409	38	542,862	34
Total	468,755	100	877,667	100	246,015	100	1,592,710	100

NWD – IP: Compliance Rates for Desk Audits (NM, CM & PR)

Season	No. Desk Audits	No. Compliant	% Compliant
2008	781	515	66
2009	944	650	69
2010	1362	882	65
2011	984	571	58
2012	981	665	68
2013	846	623	73
2014	1115	859	77
2015	907	855	94
2016	1248	1083	87
2017	1233	1078	87

NWD – IP: Compliance Rates for PR Verification

Season	No. PR Verifications	No. Compliant	% Compliant
2010	100	88	88
2011	100	91	91
2012	100	89	89
2013	100	90	90
2014	100	76	76
2015	116	102	81
2016	197	184	93
2017	255*	235	92

*276 total for Season 2017 - awaiting responses for 20 PR Verifications

- Exporters and Brokers are advised of Non Compliance for each Brand/Lot
- Non Compliant Brands are reviewed when they offer wool for sale in the future

NWD – IP: Compliance Rates for NM/CM Inspections

Season	No. NM/CM Inspections	No. Compliant	% Compliant
2010	245	206	84
2011	229	183	80
2012	277	240	87
2013	237	201	85
2014	257	211	82
2015	237	204	86
2016	210	187	89
2017	198	166	83

- Exporters and Brokers are advised of Non Compliance for each Brand/Lot
- Non Compliant Brands are reviewed when they offer wool for sale in the future
- Non Compliant Brands can be re-inspected to give a “clean slate”

NWD – IP: AWEX Mulesing Status Certificates

- Exporters* request AWEX Mulesing Status Certificates for their Processing clients with specific Mulesing Status requirements
- AWEX checks purchased Brands/Lots against NM/CM Inspections and PR Verifications
- Exporters may have the opportunity to remove Non Compliant Brands (Lots) from consignments (either in-store in Australia or at the mill)
- Exporters **are making claims** against the Growers/Brokers# for incorrect declarations

*10 Exporters, who purchase wool across Australia, currently use this service

#Growers who complete the declaration incorrectly or Brokers who enter the data incorrectly

NWD Premiums and Discounts for Mulesing Status - Criteria

- Australian Stored; Merino Fleece/Weaners & Crossbred Fleece
- >30 N/ktex, >60% Schlum Dry, <2.2 VMB, Styles 4/5, Good/light colour (incl. H1), P Certificate
- Lengths according to Diameter Range: 70–95 mm (<18 μm), 75–99 mm (19–21 μm), 83–104 mm (22–24 μm), 90–110 mm (26–29 μm), 100–130 mm (30–34 μm)
- Records per group (micron/NWD status) >2, empty cells when not enough data to generate a Premium or Discount

Premiums & Discounts for Mulesing Status (c/kg clean) compared to Declared Mulesed

		Merino						Non-Merino				
		16	17	18	19	20	21	22	27	28	29	30
NOT DECLARED												
Season	2013	-2	2	-1	0	0	0	-4	-4	3	-3	-2
	2014	5	4	-4	0	-1	-4	-2	-4	0	-2	5
	2015	8	5	-2	-4	-4	0	0	-6	-4	-2	-2
	2016	-1	6	1	-12	-7	1	-3	1	0	-2	1
	2017		6	11	-9	-4	-2	-9	-8	-2	-9	0
CEASED MULESING												
Season	2013	4	14	9	-2	3	1	16	2	-4	4	4
	2014	11	4	-3	10	-5	-3	17	-1	5	-3	11
	2015	51	15	3	8	5	4	-1	2	5	-8	-3
	2016	1	21	15	5	5	3	8	30	9	-20	20
	2017		68	8	19	4	0	-10	-8	4	-5	5

Premiums & Discounts for Mulesing Status (c/kg clean) compared to Declared Mulesed

		Merino						Non Merino				
		16	17	18	19	20	21	22	27	28	29	30
NON MULESED												
Season	2013	16	12	9	9	4	-3	2	0	-1	4	16
	2014	28	15	11	12	13	0	5	3	4	-3	28
	2015	10	15	7	8	8	1	-15	0	-1	1	4
	2016	14	15	30	13	21	18	-12	-1	11	-5	-1
	2017	36	44	57	44	36	18	-13	20	6	1	2
MULESED with PAIN RELIEF												
Season	2013	0	2	0	3	0	3	-15	16	-9		0
	2014	11	6	-2	1	-1	-4	1	3	0	-1	11
	2015	2	2	-4	0	1	0	2	8		9	14
	2016	6	-1	6	1	3	4	0	14	19	-11	12
	2017	24	4	5	8	1	3	1	27	6	-2	-1

Premiums and Discounts for Mulesing Status (c/kg clean) for Season 2017 compared to Declared Mulesed

Mulesing Status		Merino						Non-Merino				
		16	17	18	19	20	21	22	27	28	29	30
NOT DECLARED	Prem/Disc		6	11	-9	-4	-2	-9	-8	-2	-9	0
	Std Dev		93	94	53	45	19	39	102	42	49	28
CEASED MULESING	Prem/Disc		68	8	19	4	0	-10	-8	4	-5	5
	Std Dev		63	121	64	34	11	19	27	44	19	22
NON MULESED	Prem/Disc	36	44	57	44	36	18	-13	20	6	-1	2
	Std Dev	50	73	90	67	64	29	22	56	35	29	33
MULESED with PR	Prem/Disc	24	4	5	8	1	3	1	27	6	-2	-1
	Std Dev	37	74	82	48	42	19	20	157	40	24	29

NWD and NWD-IP: The Future

- Declaration Rates are good for a voluntary scheme, but could be better
- Compliance Rates have stagnated/worsened and need to improve
- Disappointing, as for each Season, the Non Compliance comes from “new” declarations
- Small minority of Non Compliance appears to be deliberate
- **All of industry** needs to work together to ensure declarations are correct - to retain confidence in Australian wool
- The issue is not going away. More processors and/or their customers are seeking information on animal husbandry/Mulesing Status (as well as other issues related to sustainability)



This publication is based on information presented at the Australian Wool Innovation Limited (AWI) National Wool Research and Development Technical Update on Breech Flystrike Prevention held on 17th July 2018. Some information in this publication has been contributed by one or more third parties and licenced to AWI, and AWI has not verified whether this information is correct. This publication should only be used as a general aid and is not a substitute for specific advice. Any reliance on the information contained in this publication is done at your own risk and to the extent permitted by law, AWI and any third party contributors exclude all liability for loss or damage arising from the use of the information in this publication. Except to the extent permitted under Copyright Law no part of this publication may be reproduced by any process, electronic or otherwise without the specific written permission of AWI. Neither may information be stored electronically in any form whatsoever without such permission. AWI gratefully acknowledges the funds provided by the Australian government to support research, development and marketing of Australian wool. GD2792