

# 2022 FLYSTRIKE RD&E TECHNICAL FORUM

NWD Update

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# National Wool Declaration (NWD)

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- Implemented in 2008; regular reviews to ensure currency
- Current version NWD V9.3
- Electronic Classer's Software ensures current NWD is used
- Growers provide information required by buyers, processors, manufacturers & retailers
- Strong support for NWD & its Integrity Program (NWD-IP) by wool trade
- NWD forms basis of animal welfare requirements for Australian & International Integrity Schemes
- Next NWD Review to commence 2023



# NWD V9.3



NWD V9.3 effective 25 July 2022:



**Ceased Mulesing Status** - Please answer the following questions (circle answers)  
 1. Have any lambs born on this property been mulesed in the last 12 months? **Yes** or **No**  
 2. Have any mulesed (or AA) ewes/wethers been purchased in the last 12 months? **Yes** or **No**

**Property Identification Code (PIC)**

**Mob Status** (see Definitions/Supporting Explanations)  
**NM:** No sheep in this mob have been mulesed or treated with liquid nitrogen.  
**LN:** Sheep have been treated with liquid nitrogen.  
**AA:** Sheep have been mulesed with an analgesic &/or anaesthetic product.  
**M:** Sheep have been mulesed without an analgesic &/or anaesthetic product.

Mob No.	Bale Range or 1 <sup>st</sup> Bale in Mob	Mob Status (circle one per mob)	Age/Shearing Code	Breed Code	Sex Code	Contact with Shedding Breeds (Y/N)	Mob Crutched (Y/N)	Crutched within 3 months prior to Shearing (Y/N)	Wool Length (mm)	VM (Low, Med or High)	Comments, Mob Matching Information, or Additional PICs
		NM LN AA M									
		NM LN AA M									
		NM LN AA M									
		NM LN AA M									
		NM LN AA M									

By signing this National Wool Declaration, I warrant that (a) I am authorised to complete this declaration & confirm that all details contained in it are true & correct, (b) I authorise the selling agent to submit this document to the Australian Wool Exchange (AWEX), if requested, for the purpose of the Integrity Program & (c) I understand that random desk audits & on farm inspections are undertaken, the results of which may be made available to the buyers of the declared wool & the selling agent. Details of the AWEX NWD - Integrity Program & Privacy Policy are available on the AWEX website: [www.awex.com.au](http://www.awex.com.au)

Owner/Manager Name..... Owner/Manager Signature..... Date...../...../.....

**Mulesing:** The removal of skin from the breech &/or tail of a sheep using mulesing shears. *Source: Animal Health Australia, V1.0 2016.*

**Liquid Nitrogen:** The application of liquid nitrogen where ultra-low temperatures are used to degenerate tissue & result in the removal of skin from the breech &/or tail of a sheep.

# Premiums & Discounts for Mulesing Status 2015 - 2021

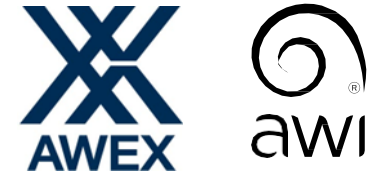


		MERINO						NON-MERINO				
		16	17	18	19	20	21	22	27	28	29	30
<b>Non Mulesed (NM)</b>												
Season	2015	10	15	7	8	8	1	-15	0	-1	1	4
	2017	36	44	57	44	36	18	-13	20	6	1	2
	2019	55	43	43	37	34	28	34		5	12	
	<b>2021</b>	<b>78</b>	<b>77</b>	<b>68</b>	<b>53</b>	<b>51</b>	<b>12</b>		<b>7</b>	<b>5</b>	<b>8</b>	
<b>Ceased Mulesing (CM)</b>												
Season	2015	51	15	3	8	5	4	-1	2	5	-8	-3
	2017		68	8	19	4	0	-10	-8	4	-5	5
	2019	37	29	37	-1	4	12			3	4	
	<b>2021</b>		<b>61</b>	<b>40</b>	<b>31</b>							
<b>Mulesed with Analgesic &amp;/or Anaesthetic (AA)</b>												
Season	2015	2	2	-4	0	1	0	2	8		9	14
	2017	24	4	5	8	1	3	1	27	6	-2	-1
	2019	18	15	12	0	1	-1	6	18	0	-3	
	<b>2021</b>		<b>16</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>1</b>	<b>6</b>	<b>3</b>	<b>5</b>	<b>3</b>	
<b>Not Declared (ND)</b>												
Season	2015	8	5	-2	-4	-4	0	0	-6	-4	-2	-2
	2017		6	11	-9	-4	-2	-9	-8	-2	-9	0
	2019	-12	-3	-1	-6	-4	-3	-10	-12	-11	-6	
	<b>2021</b>		<b>-6</b>	<b>-5</b>	<b>-7</b>	<b>-10</b>	<b>-4</b>		<b>-7</b>	<b>-7</b>	<b>-10</b>	<b>-6</b>

## Criteria for Calculation of Ps & Ds (c/kg clean) for Mulesing Status:

- Australian Stored; Merino Adult/Weaners & X-Bred Fleece.
- >30 N/ktex, >60% Schlum Dry, <2.2 VMB, Styles 4/5, Good/light colour (incl. H1), P Cert.
- 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 P or D.
- Comparison with Prices for wool declared as Mulesed.

# NWD Declaration Rates (%) by Mulesing Status by Season



Season	2010	2013	2015	2017	2019	2021
National Decl. Rate	42.2	43.4	55.0	66.0	73.7	75.3
Mulesing Status (%)						
NM	5.5	6.3	9.1	11.5	14.1	17.6
CM	3.1	2.4	2.8	2.6	3.6	3.0
AA	8.4	14.2	22.8	31.6	38.7	40.5
M	25.3	20.4	20.3	20.3	17.3	14.2
ND	57.8	56.6	45.0	34.1	26.2	24.8
Total Bales	1,589,514	1,452,077	1,487,894	1,592,684	1,123,924	1,484,179

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

# NWD Declaration Rates (%) by Mulesing Status by State



Season	2010	2013	2015	2017	2019	2021	2021 NM	2021 AA
National Decl. Rate	42.2	43.4	55.0	66.0	73.7	75.3	17.6	40.5
	State (%)							
NSW	43.2	49.4	63.1	71.4	80.6	80.0	21.4	39.9
QLD	30.0	35.0	47.4	64.5	83.0	84.2	35.5	29.7
SA	43.6	45.4	61.3	71.0	80.5	81.3	10.6	52.6
TAS	69.1	47.0	67.2	81.1	83.9	81.2	40.2	18.9
VIC	45.3	51.3	65.2	79.3	84.7	80.1	21.1	42.3
WA	36.5	23.7	23.9	34.4	42.9	51.5	5.6	33.1

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

# NWD Declaration Rates (%) by Breed/MFD for Season 2021



Breed	Merino			Merino	X-Bred	Mo +XB
Season	<18.6	18.6 – 20.5	>20.5	All MFD	All MFD	All MFD
NM	18.5	9.5	7.9	12.6	38.4	17.6
CM	4.4	2.7	1.9	3.2	1.7	3.0
AA	49.8	46.9	43.9	47.5	10.7	40.5
M	10.9	15.3	20.9	14.5	13.0	14.2
ND	16.4	25.6	26.4	22.1	36.2	24.8
<b>Total Bales</b>	<b>470,696</b>	<b>538,566</b>	<b>191,711</b>	<b>1,200,973</b>	<b>283,206</b>	<b>1,484,179</b>

Wool allocated to Merino or Crossbred based on AWEX-ID

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

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



Season	No. Desk Audits	No. Compliant	% Compliant
2010	1,362	882	65
2013	846	623	73
2015	907	855	94
2017	1,233	1,078	87
2019	1,516	1,255	83
2021	1,454	1,345	93

## Main reasons for Non Compliance:

- Incorrect declaration of Mulesing Status
- Incorrect declaration of CM (old NWD)
- Data entry error by broker
- Other, e.g. NWD not signed, mob details not completed, mob details do no match sale lot, not provided in time for audit

## Improvement to Compliance:

- Greater grower awareness of NWD
- Use of NWDs with two CM questions & circling mob Mulesing Status



# NWD – IP: Compliance Rates for AA Verification



Season	No. AA Verifications	No. Compliant	% Compliant
2010	100	88	88
2013	100	90	90
2015	116	102	81
2017	263	239	91
2019	495	472	95
<b>2021</b>	<b>273#</b>	<b>259</b>	<b>95</b>

#294 total for Season 2021 - awaiting responses for 21 AA Verifications

## Main reasons for Non Compliance:

- Grower:
  - Signed incorrect declaration made by Classer/other
  - made incorrect declaration
  - unable to obtain evidence of AA for purchased sheep
  - did not respond to request for evidence of AA

## Outcomes from AA Verifications:

- Exporters & Brokers advised of Non Compliance for each Brand/Lot
- Non Compliant Brands are recalled when wool offered for sale in the future

## Improvement to Compliance:

- Greater grower awareness of NWD
- NWDs with two CM questions & circling mob Mulesing Status

# NWD – IP: Compliance Rates for NM/CM Inspection



Season	No. NM/CM Inspections	No. Compliant	% Compliant
2010	245	206	84
2013	237	201	85
2015	237	204	86
2017	198	166	83
2019	65	60	92
2021	77	73	95

## Main reasons for Non Compliance:

- Grower:
  - Signed incorrect declaration made by Classer/other
  - Made incorrect declaration on home-bred or purchased mob(s)

## Outcomes from NM/CM Inspections:

- Exporters & Brokers advised of Non Compliance for each Brand/Lot
- Non Compliant Brands recalled when wool offered for sale in the future

## Improvement to Compliance:

- Greater grower awareness of NWD
- NWDs with two CM questions & circling mob Mulesing Status

# NWD – IP: AWEX Mulesing Status Certificates

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- Exporters request AWEX Mulesing Status Certificates for their clients with specific Mulesing Status requirements
- Consignments range in size from 2 bales to 750 bales
- AWEX validates Brands/Lots against Desk Audits, NM/CM Inspections, AA Verifications & previous declaration history
- Exporters remove Non Compliant Brands (Lots) from consignments either in-store in Australia or at the mill
- Exporters may make claims against Growers/Brokers for incorrect declarations





This publication is based on information presented at the Australian Wool Innovation Limited (AWI) Flystrike RD&E Technical Forum held on 10th August 2022. Some information in this publication has been contributed by one or more third parties & licenced to AWI, & AWI has not verified whether this information is correct. This publication should only be used as a general aid & is not a substitute for specific advice. To the extent permitted by law, we 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 is grateful for its funding, which is primarily provided by Australian woolgrowers through a wool levy & by the Australian Government which provides a matching contribution for eligible R&D activities. © 2022 Australian Wool Innovation Limited. All rights reserved.