



Australian Government

**Australian Pesticides and
Veterinary Medicines Authority**



Quarterly performance report

1 January 2026 to 31 March 2026

Overview

In Quarter 3 of the 2025–26 financial year, the Australian Pesticides and Veterinary Medicines Authority (APVMA) demonstrated measurable improvement in regulatory performance and throughput compared to Quarter 2, reflecting growing processing capacity following sustained backlog-reduction activity earlier in the year.

A total of 1,494 regulatory decision activities were completed during the quarter, an increase from 1,358 in Quarter 2, bringing total completions to 4,357 year-to-date. This increase in output occurred alongside improved statutory timeframe performance, indicating a strengthening balance between productivity and timeliness.

The APVMA continues to put resources towards remediation processes that underpin the integrity of the Register of Agricultural and Veterinary Chemical Products. These remediation activities will continue to impact application timeframes. These activities are occurring alongside APVMA's other priorities of emergency and minor use permits, new chemistry (1,2,27s) and chemical review activities.

Approvals, Registration and Permits

Statutory timeframe performance improved materially in Quarter 3, with 80.8% of applications finalised within legislative timeframes, up from 74.4% in Quarter 2. This recovery reflects the impact of operational stabilisation following the earlier prioritisation of overdue and high-risk applications.

Table 1: Timeframe Performance Quarter 3 2025-26

Area	Received	In progress	Finalised	Finalised on time
Agricultural Chemicals	207	627	224	71.9%
Veterinary Medicines	375	394	314	91.1%
Permits (excl. emergency permits)	128	277	126	68.3%
Emergency permits	15	19	4	N/A
Active constituents	71	289	61	86.9%
Total	796	1606	729	80.8%

Improvements were evident across several key application types:

- Veterinary medicines improved from 84.7% on time completion in Quarter 2 to 91.1% in Quarter 3, exceeding expectations and demonstrating strong assessment capacity.
- Seven innovative new chemistries were approved this quarter.

- Agricultural chemicals and permits showed incremental improvement in throughput, although on time rates (71.9% and 68.3% respectively) remained below target due to sustained volume and complexity pressures.

Quarter 3 also recorded a higher number of product registrations and permits completed compared to Quarter 2, underscoring increased operational output alongside improved time performance.

Figure 1: Applications in progress within and outside of timeframe

Work in progress still within time frame



Post market regulatory actions

Post-market regulatory activities continued to demonstrate strong and improving performance in Quarter 3.

Table 2: Adverse Experience Reporting Program

AERP Summary	2024-25^	2024-25 Q3^	2025-26 Q3^
Performance	43.7%	42.3%	92.5%
Number of serious individual reports received	2797	2036	2336
Number of serious individual reports closed	2485	1646	2350
Number of serious adverse incidents received	2423	1814	1912

The proportion of serious adverse experience reports assessed within 20 business days increased from 90.0% in Quarter 2 to 92.5%, well above the 75% target, despite a further increase in report volumes. This sustained improvement reflects maturing process reforms and improved workload management.

Table 3: Summary of compliance investigations

Summary of Investigations	2024-25	2025-26 Q1	2025-26 Q2	2025-26 Q3
Commenced	289	96	64	58
Closed	297	99	73	49
Remaining open	22	37	18	36

Table 3: Summary of compliance investigation outcomes

Summary of Investigation outcomes	2024-25	2025-26 Q1	2025-26 Q2	2025-26 Q3
Negotiated Compliance / Education	161	15	47	35
Formal Warnings	77	36	28	3
Infringement Notices	10	3	0	0
Enforceable Undertakings	0	0	0	0
Civil Proceedings	0	0	0	0
Prosecutions	0	0	0	0
Customs Act Forfeiture	56	38	9	6
No Offence / Insufficient Evidence	32	0	8	5
Online product removals	1277	328	378	513

Compliance and enforcement activity increased significantly compared to Quarter 2, with:

- 513 unauthorised products removed from online marketplaces, up from 378 in Quarter 2
- 58 new compliance investigations commenced, maintaining a strong enforcement presence

Enforcement outcomes continue to focus on proportionate and risk-based actions, primarily through negotiated compliance, education and customs forfeiture

Table 4: Manufacturing Quality and Licencing (MQL)

MQL Summary	2024-25	2024-25 Q3	2025-26 Q3
Performance	86.7%	89.3%	85.3%
Number of audits commenced	86	63	67
Number of audits closed and reviewed	98	75	75

Manufacturing Quality and Licensing audit performance remained broadly consistent with Quarter 2 and the previous financial year, with ongoing process improvements underway to lift timeliness.

Table 5: Recalls

Recalls Summary	2024-25	2024-25 Q3	2025-26 Q3
Performance	100%	100%	100%
Number of voluntary recalls	29	19	27

The Recalls performance target is 100% of all voluntary recall notices published to the APVMA website within 3 working days and gazetted within 14 days as per Agvet Code requirements. The APVMA is achieving 100% for all Recalls. There has been a significant increase in voluntary recalls compared to the same period last financial year (from 19 to 27).

Table 6: Hormonal Growth Promotants

HGP Summary	2024-25	2024-25 Q3	2025-26 Q3
Performance	100%	100%	100%
Number of applications	180	48	61

The Hormonal Growth Promotants (HGPs) performance target is 90% of all notification number applications processed within 5 working days. Most renewal applications (~70-80%) occur in Quarter 4 of each Financial Year. The APVMA achieved 100% for HGP applications in Quarter 3.

Strengthening International Regulatory Alignment

The APVMA hosted the Organisation for Economic Co-operation and Development (OECD) Advancing Sustainability in Agriculture conference in Melbourne in February 2026, positioning Australia as a leader in precision application regulation. The two-day event brought together 185 international and domestic stakeholders, including regulators, researchers, industry, equipment manufacturers and growers, to build a shared understanding of emerging precision application technologies and their regulatory implications.

The conference culminated in OECD-ready recommendations, including a formal proposal to establish an OECD Working Group under the Working Party on Pesticides, supported by guidance on harmonised definitions, best practice regulation, case studies and capability building. These outcomes enhance regulatory readiness, support safe and efficient technology adoption, and reinforce the APVMA's role as a trusted international convenor driving future-ready agricultural regulation.

In addition, following the signing of an updated Memorandum of Understanding (MoU) in November 2025, New Zealand Food Safety and the Australian Pesticides and Veterinary Medicines Authority (APVMA) have launched a pilot program to trial joint assessment and registration of agricultural chemicals and veterinary medicines across both countries.

The initiative, which builds on strengthened regulatory cooperation and increased reliance on each other's scientific assessments, invites expressions of interest from companies with new products or those already approved in one market seeking faster entry into the other. The pilot aims to streamline regulatory pathways, reduce duplication, and accelerate access to both markets, while testing and refining shared processes and supporting innovation across the trans-Tasman region.

Looking Forward

Looking ahead to Quarter 4, statutory timeframe and performance results are expected to come under renewed pressure as the APVMA implements a high-priority rectification program arising from the identification of a long-standing legislative non-compliance issue involving registered products with multiple formulations.

This issue is administrative and legal in nature, does not present safety or efficacy risks, and is being actively managed under close oversight, however redirecting regulatory and scientific effort to identify affected products, engage with holders and progress rectification pathways is expected to temporarily constrain assessment capacity and will further reduce improvements in timeframe performance.

Importantly, until the multiple formulations issue was identified, Quarter 3 results demonstrated that the APVMA was making steady and measurable progress in improving both output and on-time performance following earlier backlog-reduction activity. This underlying recovery trajectory remains evident and is expected to resume once rectification demands stabilise.

In parallel, the APVMA has progressed targeted recruitment in technical assessment areas, including additional scientific and regulatory staff and contractors to address the backlog of active constituent assessments; as these resources embed into operational teams, they are expected to contribute to improved throughput and more sustainable performance over the medium term.

Concluding Comments

Compared to Quarter 2, Quarter 3 shows clear evidence of performance recovery and increased output, with steady improvements in statutory timeframe performance, higher regulatory throughput and sustained strength in post market regulation and workforce stability.

In addition to improving timeframe performance, the APVMA has also been steadily improving the predictability of our processing timeframes. While timeframe challenges persist in specific approval streams these issues are well understood and actively addressed through targeted reforms, process redesign and funding stabilisation initiatives progressed during the year.

Overall, Quarter 3 confirms that the APVMA is moving from backlog driven pressure toward a more stable and predictable operating position, strengthening its capacity to deliver timely, high quality regulatory outcomes while continuing to protect human health, animal welfare and the environment.

Analysis by application type (1 January – 31 March 2026)

Table 8: Summary of activities related to regulatory decisions

Types of regulatory decisions	Received	In progress	Finalised
Pre-application assistance	40	94	35
Product registration—agricultural chemicals	207	627	224
Product registration—veterinary medicines	375	394	314
Permits (exc emergency)	128	277	126
Emergency permits (Item 22)	15	19	4
Actives	71	289	61
Items 8L, 8M, 8P	126	11	146
Technical assessment (Item 25)	2	16	3
Notifiable variations	250	0	250
Import consents	240	42	222
Certificate of export	133	56	109
Interchangeable constituent determination	0	0	0
Total	1587	1825	1494

Applications processed

Table 9: Applications processed

Type	Received	In progress	Finalised	Finalised on time (%)	In progress still on time (%)
Actives	71	289	61	86.9%	83.7%
Agricultural Chemicals	207	627	224	71.9%	63.5%
Emergency permits (Item 22)	15	19	4	N/A	N/A
Permits (exc emergency)	128	277	126	68.3%	74.0%
Veterinary Medicines	375	394	314	91.1%	76.1%
Total	796	1606	729	80.8%	72.1%

Table 10: Applications processed continued

Type	Finalised on time	Finalised outside timeframe	Went overdue in reporting period
Actives	53	8	22
Agricultural Chemicals	161	63	84
Permits (exc emergency)	86	40	42
Veterinary Medicines	286	28	39
Total	586	139	187

Applications in evaluation

Table 11: Applications in evaluation

Type	Evaluations in progress	Evaluations in progress and overdue
Actives	251	48
Agricultural Chemicals	552	226
Emergency permits (Item 22)	13	3
Permits (exc emergency)	244	72
Veterinary Medicines	358	95
Total	1418	444

Pre-application assistance

Pre-application assistance (PAA) is an optional, three-tiered, fee-based service for applicants to provide them with advice before they submit an application for registration. PAAs do not have a numerical statutory timeframe; the target timeframe for each tier is based on the anticipated complexity of the proposed application and effort required to provide the assistance.

Table 12: Pre-application assistance

Type	Received	In Progress	Finalised	Processed on time (%)
PAA Tier 1	10	17	9	11.1%
PAA Tier 2	29	69	25	20.0%
PAA Tier 3	1	8	1	0.0%
Total	40	94	35	17.1%

Permits

Table 13: Permits

Category Name	Received	In Progress	Finalised	Issued	Refused	Withdrawn or Other
Ag chemical and Vet chemical	0	0	0	0	0	0
Agricultural chemical	102	205	112	95	3	14
Other	0	0	0	0	0	0
Veterinary chemical	26	72	14	6	1	7

Emergency Permits

Emergency Permits (Item 22) do not have a numerical statutory timeframe. The APVMA must determine the application as soon as is practicable in the circumstances of the case. In this reporting period, the APVMA issued 2 emergency permits, taking an average of 47 days, with a range of 15 to 79 days.

Table 14: Emergency permits

Types of regulatory decisions	Received	In Progress	Finalised	Issued	Refused	Withdrawn or Other
Emergency permits (Item 22)	15	19	4	2	2	0

Technical assessment, notifiable variations, holders and nominated agents

Table 15: Technical assessment, notifiable variations, holders and nominated agents

Types of regulatory decisions	Received	In Progress	Finalised	Finalised on time (%)
Items 8L, 8M, 8P	126	11	146	100.0%
Technical assessment (Item 25)	2	16	3	66.7%
Notifiable variations	250	0	250	100.0%

Consents to Import

Consents to import are issued to allow importation – in limited circumstances – of unregistered products or unapproved actives into Australia when a legitimate reason exists for a person or company to have possession of the chemicals in Australia. There is no statutory timeframe for consents to import – the APVMA seeks to process these within 14 days.

Table 16: Consents to import

Types of regulatory decisions	Received	In Progress	Finalised	Finalised on time (%)
Import consents	240	42	222	92.8%

Certificates of Export

Before accepting exports of a chemical product from Australia, many countries require an assurance from the government authority responsible for regulating the product in Australia. This is provided by the APVMA in the form of a Certificate of Export. There is no statutory timeframe for certificates of export – the APVMA seeks to process these within 20 working days. Please note that an application may request multiple certificates.

Table 17: Applications for certificates of export

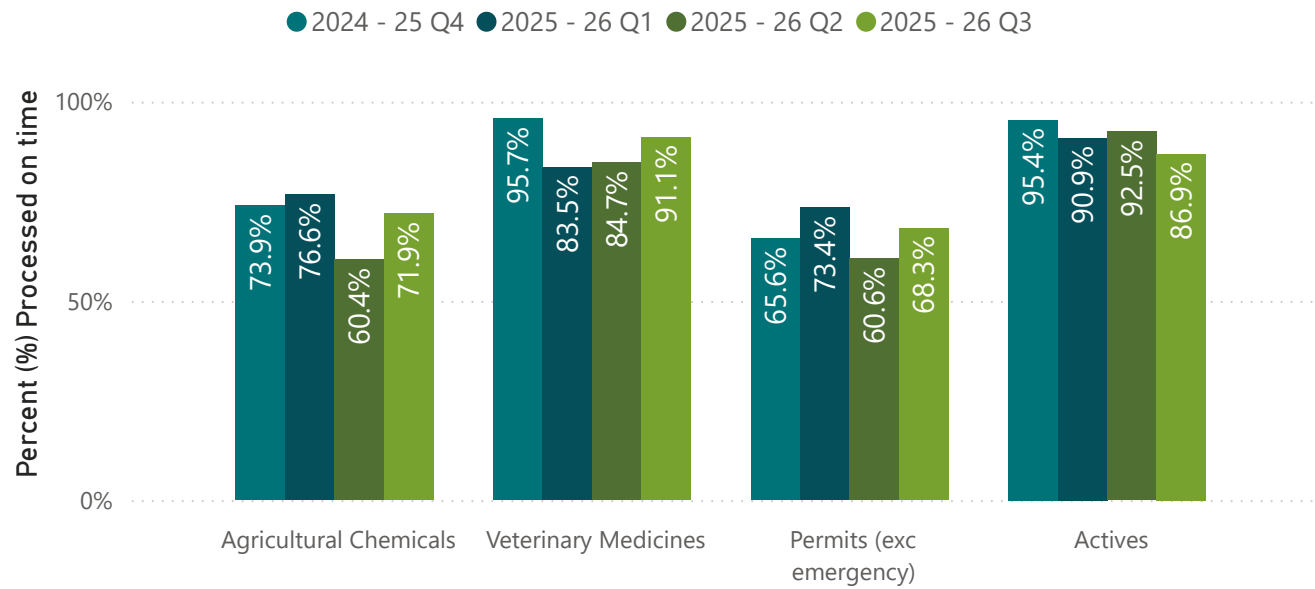
	Received	In Progress	Finalised	Issued	Finalised on time (%)
Applications	133	56	109	108	72.5%

Table 18: Certificates of export

	Received	In Progress	Finalised	Issued	Finalised on time (%)
Certificates	227	114	163	162	72.4%

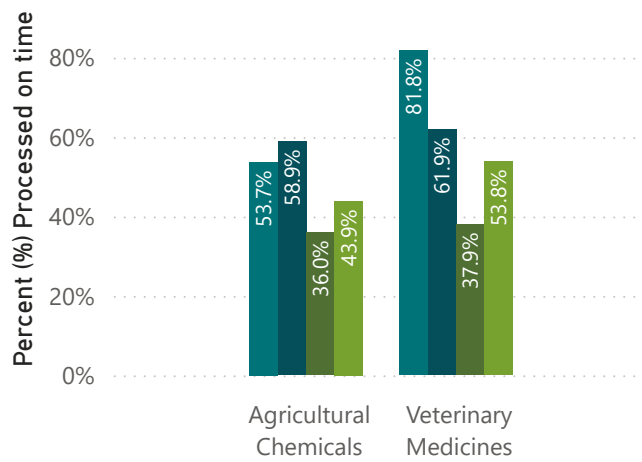
Applications in detail

Timeframe Performance

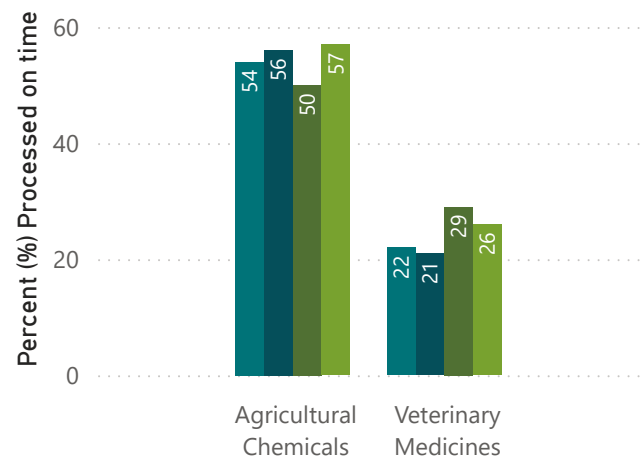


Major and Non-Technical Applications

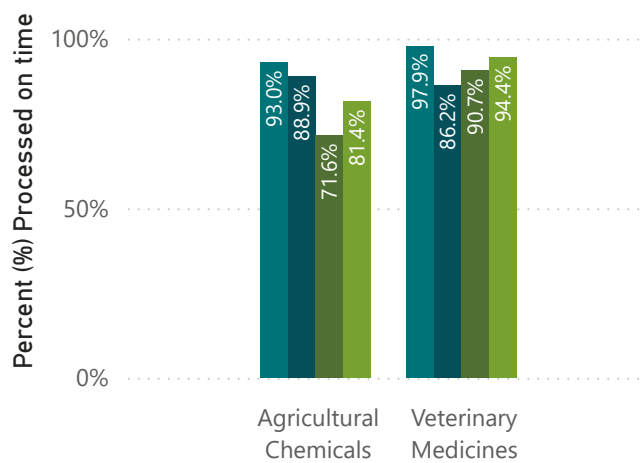
Major - timeframe performance



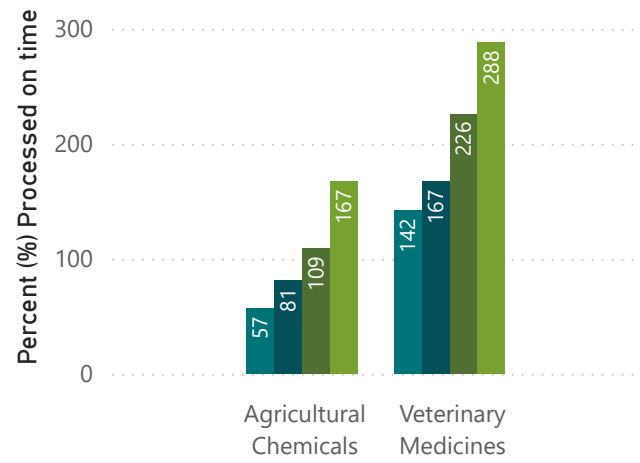
Major - number processed



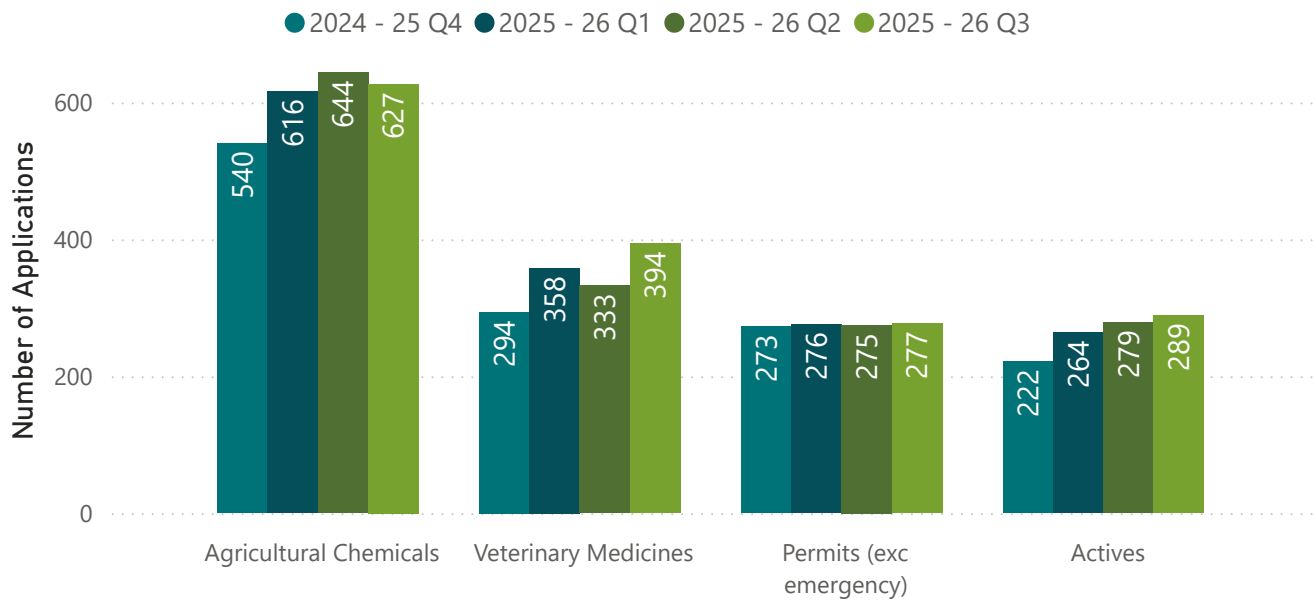
Non-technical - timeframe performance



Non-technical - number processed



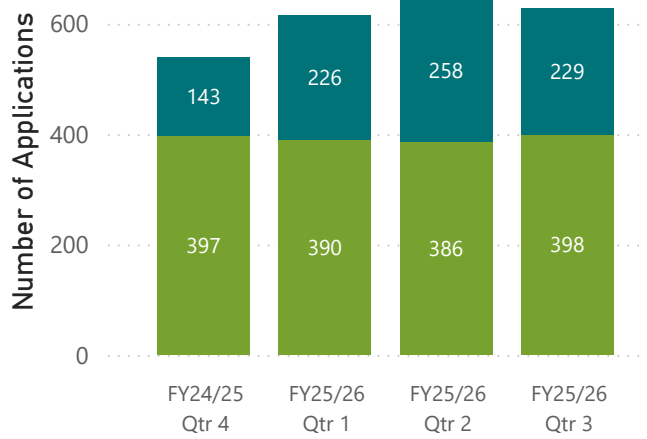
Work in progress



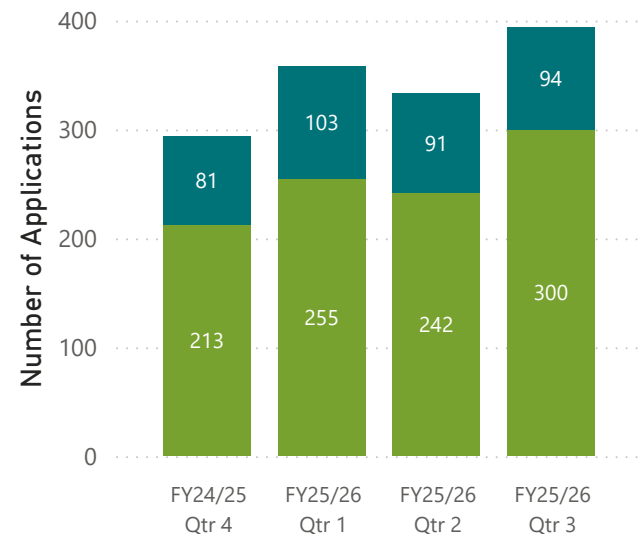
Work in progress still within time frame

Agricultural Chemicals

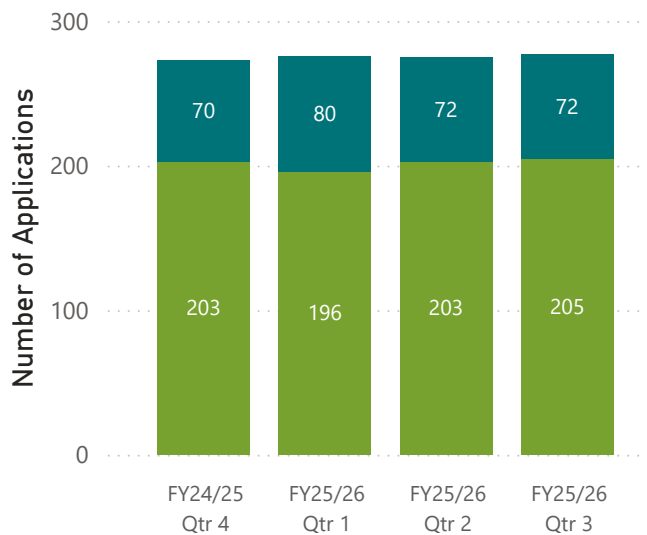
● In progress within time frame ● In progress outside of time frame



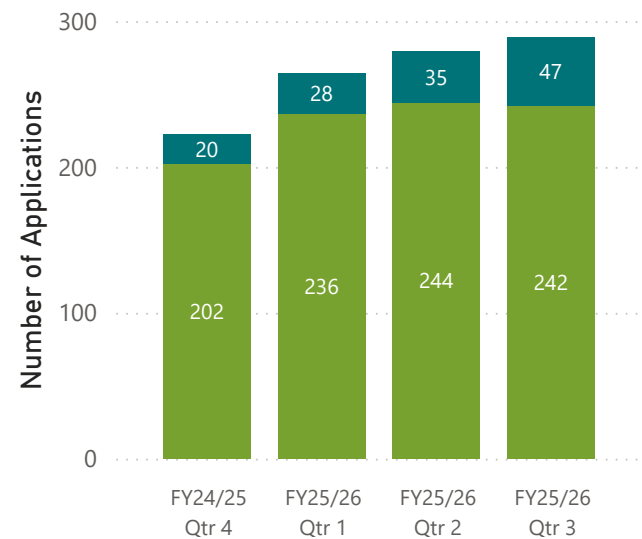
Veterinary Medicines



Permits (exc emergency)



Actives



Application by item number

Table 19: All applications by Item Number

Type of application	Received	In Progress	Finalised	Processed on time (%)
Products	582	1021	538	83.1%
1	0	0	0	N/A
2	2	30	1	0.0%
3	0	0	0	N/A
4	0	0	0	N/A
5	5	26	2	0.0%
6	1	13	3	100.0%
7	28	166	74	77.0%
8	86	99	63	76.2%
9	2	2	0	N/A
10	46	237	34	44.1%
10A	10	8	8	100.0%
11	0	1	0	N/A
12	71	136	86	82.6%
13	0	0	0	N/A
13A	297	73	224	100.0%
14	31	185	36	41.7%
27	3	44	6	100.0%
27V	0	1	1	0.0%
Actives	71	289	61	86.9%
1	0	1	0	N/A
2	1	33	1	0.0%
5	0	0	0	N/A
6	0	0	0	N/A
10	0	0	0	N/A
14	0	0	0	N/A
15	0	1	1	0.0%
16	0	0	0	N/A
17	40	156	34	91.2%
18	3	19	4	100.0%
24	10	32	16	87.5%
24V	14	19	5	80.0%
27	3	28	0	N/A
27V	0	0	0	N/A
Permits	143	296	130	68.3%
19	5	10	5	20.0%
20	68	82	62	75.8%
21	43	152	45	62.2%
22	15	19	4	N/A
23	12	30	12	66.7%
112A	0	3	2	100.0%
Other	0	0	0	N/A
24	0	0	0	N/A
Ingredient determination	0	0	0	N/A
28	0	0	0	N/A
29	0	0	0	N/A
Total	796	1606	729	80.8%

Table 20: Agricultural chemical applications by item number

Type of application	Commenced	In Progress	Finalised	Processed on time (%)
☒ Products	207	627	224	71.9%
1	0	0	0	N/A
2	0	12	0	N/A
3	0	0	0	N/A
4	0	0	0	N/A
5	5	22	2	0.0%
6	1	12	2	100.0%
7	13	114	62	79.0%
8	69	79	54	81.5%
9	2	2	0	N/A
10	35	172	30	46.7%
10A	10	8	6	100.0%
11	0	1	0	N/A
12	46	79	45	82.2%
13	0	0	0	N/A
13A	0	0	0	N/A
14	23	113	22	40.9%
27	3	12	0	N/A
27V	0	1	1	0.0%
☒ Permits	109	215	115	68.8%
19	4	4	4	25.0%
20	52	61	54	79.6%
21	39	118	44	61.4%
22	7	10	3	N/A
23	7	19	8	50.0%
112A	0	3	2	100.0%
☒ Other	0	0	0	N/A
24	0	0	0	N/A
Total	316	842	339	70.8%

Table 21: Veterinary medicines applications by item number

Type of application	Commenced	In Progress	Finalised	Processed on time (%)
☐ Products	375	394	314	91.1%
1	0	0	0	N/A
2	2	18	1	0.0%
3	0	0	0	N/A
4	0	0	0	N/A
5	0	4	0	N/A
6	0	1	1	100.0%
7	15	52	12	66.7%
8	17	20	9	44.4%
9	0	0	0	N/A
10	11	65	4	25.0%
10A	0	0	2	100.0%
11	0	0	0	N/A
12	25	57	41	82.9%
13	0	0	0	N/A
13A	297	73	224	100.0%
14	8	72	14	42.9%
27	0	32	6	100.0%
27V	0	0	0	N/A
☐ Permits	34	81	15	64.3%
19	1	6	1	0.0%
20	16	21	8	50.0%
21	4	34	1	100.0%
22	8	9	1	N/A
23	5	11	4	100.0%
112A	0	0	0	N/A
☐ Other	0	0	0	N/A
24	0	0	0	N/A
Total	409	475	329	89.9%

Average decision time

Table 22: All applications by Item Number

Type of Application	Standard			Extended		
	Finalised	Average Duration	Assessment Period	Finalised	Average Duration	Assessment Period
Products	485	2.6		53	15.8	
1	0	N/A	18	0	N/A	25
2	0	N/A	~	1	134.3	24.0
3	0	N/A	18	0	N/A	25
4	0	N/A	18	0	N/A	25
5	0	N/A	8	2	21.7	12
6	2	N/A	8	1	N/A	12
7	71	7.7	3	3	N/A	5
8	62	3.0	3	1	4.0	5
9	0	N/A	2	0	N/A	4
10	19	8.9	4.7	15	13.0	10.7
10A	8	1.9	2.0	0	N/A	~
11	0	N/A	10	0	N/A	14
12	82	3.0	3	4	11.6	5
13	0	N/A	3	0	N/A	5
13A	224	0.8	1	0	N/A	2
14	16	10.5	5.7	20	11.2	9.7
27	0	N/A	N/A	6	20.2	20.2
27V	1	25.8	0.0	0	N/A	~
Actives	50	8.5		11	12.9	
1	0	N/A	18	0	N/A	25
2	1	134.3	16.9	0	N/A	~
5	0	N/A	8	0	N/A	12
6	0	N/A	8	0	N/A	12
10	0	N/A	~	0	N/A	~
14	0	N/A	~	0	N/A	~
15	0	N/A	14	1	22.3	20
16	0	N/A	9	0	N/A	13
17	31	6.4	7	3	11.3	10
18	3	6.9	7	1	10.9	10
24	11	3.5	4.1	5	14.0	9.4
24V	4	4.4	0.0	1	4.6	0.0
27	0	N/A	N/A	0	N/A	N/A
27V	0	N/A	~	0	N/A	~
Permits	118	4.6		12	14.0	
19	5	3.7	3	0	N/A	5
20	59	3.2	3	3	8.8	5
21	39	6.7	5.7	6	18.6	12.2
22	2	1.5	N/A	2	5.5	N/A
23	11	6.2	5.7	1	N/A	N/A
112A	2	0.0	0.0	0	N/A	N/A
Other	0	N/A		0	N/A	
24	0	N/A	~	0	N/A	~
Ingredient determination	0	N/A		0	N/A	
28	0	N/A	~	0	N/A	~
29	0	N/A	~	0	N/A	~
Total	653	3.4		76	15.0	

Notes for average decision times

Average decision time is the average time taken to complete processing from commencement to when a regulatory decision is made or the average time is calculated by adding the decision times and dividing these by the number of applications finalised in that period in that category. Decision time is calculated by subtracting the lodgement date from the processed date and dividing by 30.4375 to get the decision time in months (accounting for leap years). The assessment period for each application type and item number is set in the legislation - this is the standard decision time. However, there are 2 conditions which allow the APVMA to vary or extend the assessment period:

- A change in the category of an application may be made once in the life of the application under regulation 70B of the Agvet Code.
- One extension of 1.33 times the original assessment period (rounded up) plus one month may be applied under section 159 of the Agvet Code.

N/A means no applications were finalised for that item in the reporting period, the application was withdrawn or voided, or there is no statutory assessment period.

~ applies to items that have a variable legislated assessment period because they are modular in nature. Each application will have a different expected duration, as determined by the mix of modules required for the application.

Table 23: Agricultural chemical product applications by Item Number

Type of Application	Standard			Extended		
	Finalised	Average Duration	Assessment Period	Finalised	Average Duration	Assessment Period
☒ Products	198	4.6		26	12.3	
1	0	N/A	18	0	N/A	25
2	0	N/A	~	0	N/A	~
3	0	N/A	18	0	N/A	25
4	0	N/A	18	0	N/A	25
5	0	N/A	8	2	21.7	12
6	2	N/A	8	0	N/A	12
7	62	7.3	3	0	N/A	5
8	53	3.0	3	1	4.0	5
9	0	N/A	2	0	N/A	4
10	17	7.6	4.4	13	13.0	10.3
10A	6	1.9	2.0	0	N/A	~
11	0	N/A	10	0	N/A	14
12	45	3.2	3	0	N/A	5
13	0	N/A	3	0	N/A	5
13A	0	N/A	1	0	N/A	2
14	12	11.4	5.9	10	10.5	11.0
27	0	N/A	N/A	0	N/A	N/A
27V	1	25.8	0.0	0	N/A	~
☒ Permits	104	4.5		11	15.2	
19	4	3.6	3	0	N/A	5
20	51	3.1	3	3	8.8	5
21	38	6.6	5.5	6	18.6	12.2
22	2	1.5	N/A	1	7.7	N/A
23	7	7.0	4.2	1	N/A	N/A
112A	2	0.0	0.0	0	N/A	N/A
☒ Other	0	N/A		0	N/A	
24	0	N/A	~	0	N/A	~
Total	302	4.6		37	13.1	

Table 24: Veterinary medicine product applications by Item Number

Type of Application	Standard			Extended		
	Finalised	Average Duration	Assessment Period	Finalised	Average Duration	Assessment Period
⊖ Products	287	1.5		27	19.5	
1	0	N/A	18	0	N/A	25
2	0	N/A	~	1	134.3	24.0
3	0	N/A	18	0	N/A	25
4	0	N/A	18	0	N/A	25
5	0	N/A	8	0	N/A	12
6	0	N/A	8	1	N/A	12
7	9	8.4	3	3	N/A	5
8	9	3.3	3	0	N/A	5
9	0	N/A	2	0	N/A	4
10	2	15.4	5.7	2	12.9	12.5
10A	2	1.9	2.0	0	N/A	~
11	0	N/A	10	0	N/A	14
12	37	2.8	3	4	11.6	5
13	0	N/A	3	0	N/A	5
13A	224	0.8	1	0	N/A	2
14	4	7.8	5.3	10	12.0	8.4
27	0	N/A	N/A	6	20.2	20.2
27V	0	N/A	~	0	N/A	~
⊖ Permits	14	5.3		1	3.3	
19	1	4.2	3	0	N/A	5
20	8	5.1	3	0	N/A	5
21	1	12.3	12.6	0	N/A	~
22	0	N/A	N/A	1	3.3	N/A
23	4	0.2	16.0	0	N/A	~
112A	0	N/A	N/A	0	N/A	N/A
⊖ Other	0	N/A		0	N/A	
24	0	N/A	~	0	N/A	~
Total	301	1.6		28	18.8	

Average decision time – Cumulative quarters to date

Table 25: Average decision time, all applications for completed quarters this financial year

Type of application	Number finalised	Average duration	Assessment period
Products	1277	4.5	18
1	0	N/A	18
2	2	83.9	23.5
3	0	N/A	18
4	0	N/A	18
5	5	18.1	8
6	5	9.9	8
7	134	7.0	3
8	125	3.1	3
9	4	2.2	2
10	98	14.1	9.4
10A	30	2.0	2.0
11	0	N/A	10
12	232	3.3	3
13	16	2.8	3
13A	497	0.8	1
14	114	10.3	7.8
27	14	23.7	21.5
27V	1	25.8	0.0
Actives	207	7.8	18
1	0	N/A	18
2	2	83.9	20.0
5	0	N/A	8
6	0	N/A	8
10	0	N/A	~
14	0	N/A	~
15	1	22.3	14
16	0	N/A	9
17	115	7.8	7
18	14	7.4	7
24	46	5.1	5.8
24V	25	3.4	0.0
27	4	29.6	23.5
27V	0	N/A	~
Permits	438	5.8	3
19	23	2.9	3
20	187	3.4	3
21	131	9.7	6.8
22	41	3.8	N/A
23	46	6.9	5.0
112A	10	11.9	0.0
Other	0	N/A	~
24	0	N/A	~
Ingredient determination	0	N/A	~
28	0	N/A	~
29	0	N/A	~
Total	1922	5.2	