



Methyl Bromide Commodity and Structural Fumigation Buffer Zones

This document contains the buffer zone tables required by methyl bromide fumigant product labels that contain the following directions: “The appropriate treatment buffer zone and aeration buffer zone must be determined using the EPA’s Methyl Bromide Commodity Fumigation Buffer Zone Lookup Tables located at epa.gov/pesticide-registration/mbcommoditybuffer.”

This document is an extension of the product label and contains enforceable directions for use. Refer to the product label for directions on buffer zone management.

Instructions

Step 1: Get buffer zone table

To find the buffer zone table for your application, select a table below using your application’s air exchange and application rates. If your rates are not listed, round down to the nearest air exchange rate and round up to the nearest application rate.

Step 2: Determine buffer zone distance

To determine the buffer zone distance for your aeration, use the buffer zone table to select your enclosure size and retention rate. If your enclosure size or retention rate are not listed, round up to the nearest enclosure size or retention rate.

NOTE: The minimum buffer zone distance is 10 feet.

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Active Aeration: No Stack

Aeration Time: 8 hours or less



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Methyl Bromide Commodity and Structural Fumigation Buffer Zones

Active Aeration: No Stack

Aeration Time: 8 hours or less



Table 1: Air Exchange Rate: 0.1 Application Rate: 1

Aeration time:	8 hours or less
Aeration method:	No Stack
Air Exchange Rate (/hr):	0.1
Application Rate (lbs/1000 ft ³):	1

Buffer Zone Distances (in feet)

Size	Retention Rate (%)									
	100	99	95	90	75	50	25	10	5	1
1000	10	10	10	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10	10	10	10
250000	10	10	10	10	10	10	10	10	10	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones

Active Aeration: No Stack

Aeration Time: 8 hours or less



Table 2: Air Exchange Rate: 0.2 Application Rate: 1

Aeration time:	8 hours or less
Aeration method:	No Stack
Air Exchange Rate (/hr):	0.2
Application Rate (lbs/1000 ft ³):	1

Buffer Zone Distances (in feet)

Size	Retention Rate (%)									
	100	99	95	90	75	50	25	10	5	1
1000	10	10	10	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10	10	10	10
250000	10	10	10	10	10	10	10	10	10	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones

Active Aeration: No Stack

Aeration Time: 8 hours or less



Table 3: Air Exchange Rate: 0.5 Application Rate: 1

Aeration time:	8 hours or less
Aeration method:	No Stack
Air Exchange Rate (/hr):	0.5
Application Rate (lbs/1000 ft ³):	1

Buffer Zone Distances (in feet)

Size	Retention Rate (%)									
	100	99	95	90	75	50	25	10	5	1
1000	10	10	10	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10	10	10	10
250000	10	10	10	10	10	10	10	10	10	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones

Active Aeration: No Stack

Aeration Time: 8 hours or less



Table 4: Air Exchange Rate: 1 Application Rate: 1

Aeration time:	8 hours or less
Aeration method:	No Stack
Air Exchange Rate (/hr):	1
Application Rate (lbs/1000 ft ³):	1

Buffer Zone Distances (in feet)

Size	Retention Rate (%)									
	100	99	95	90	75	50	25	10	5	1
1000	10	10	10	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10	10	10	10
250000	10	10	10	10	10	10	10	10	10	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones

Active Aeration: No Stack

Aeration Time: 8 hours or less



Table 5: Air Exchange Rate: 2 Application Rate: 1

Aeration time:	8 hours or less
Aeration method:	No Stack
Air Exchange Rate (/hr):	2
Application Rate (lbs/1000 ft ³):	1

Buffer Zone Distances (in feet)

Size	Retention Rate (%)									
	100	99	95	90	75	50	25	10	5	1
1000	10	10	10	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10	10	10	10
250000	10	10	10	10	10	10	10	10	10	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones

Active Aeration: No Stack

Aeration Time: 8 hours or less



Table 6: Air Exchange Rate: 0.1 Application Rate: 2

Aeration time:	8 hours or less
Aeration method:	No Stack
Air Exchange Rate (/hr):	0.1
Application Rate (lbs/1000 ft ³):	2

Buffer Zone Distances (in feet)

Size	Retention Rate (%)									
	100	99	95	90	75	50	25	10	5	1
1000	10	10	10	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10	10	10	10
250000	10	10	10	10	10	10	10	10	10	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones

Active Aeration: No Stack

Aeration Time: 8 hours or less



Table 7: Air Exchange Rate: 0.2 Application Rate: 2

Aeration time:	8 hours or less
Aeration method:	No Stack
Air Exchange Rate (/hr):	0.2
Application Rate (lbs/1000 ft ³):	2

Buffer Zone Distances (in feet)

Size	Retention Rate (%)									
	100	99	95	90	75	50	25	10	5	1
1000	10	10	10	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10	10	10	10
250000	10	10	10	10	10	10	10	10	10	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones

Active Aeration: No Stack

Aeration Time: 8 hours or less



Table 8: Air Exchange Rate: 0.5 Application Rate: 2

Aeration time:	8 hours or less
Aeration method:	No Stack
Air Exchange Rate (/hr):	0.5
Application Rate (lbs/1000 ft ³):	2

Buffer Zone Distances (in feet)

Size	Retention Rate (%)									
	100	99	95	90	75	50	25	10	5	1
1000	10	10	10	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10	10	10	10
50000	60	60	50	35	10	10	10	10	10	10
100000	10	10	10	10	10	10	10	10	10	10
250000	10	10	10	10	10	10	10	10	10	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones

Active Aeration: No Stack

Aeration Time: 8 hours or less



Table 9: Air Exchange Rate: 1 Application Rate: 2

Aeration time:	8 hours or less
Aeration method:	No Stack
Air Exchange Rate (/hr):	1
Application Rate (lbs/1000 ft ³):	2

Buffer Zone Distances (in feet)

Size	Retention Rate (%)									
	100	99	95	90	75	50	25	10	5	1
1000	10	10	10	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10	10	10	10
50000	95	90	85	80	55	10	10	10	10	10
100000	10	10	10	10	10	10	10	10	10	10
250000	10	10	10	10	10	10	10	10	10	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones

Active Aeration: No Stack

Aeration Time: 8 hours or less



Table 10: Air Exchange Rate: 2 Application Rate: 2

Aeration time:	8 hours or less
Aeration method:	No Stack
Air Exchange Rate (/hr):	2
Application Rate (lbs/1000 ft ³):	2

Buffer Zone Distances (in feet)

Size	Retention Rate (%)									
	100	99	95	90	75	50	25	10	5	1
1000	10	10	10	10	10	10	10	10	10	10
2000	15	15	15	15	10	10	10	10	10	10
5000	10	10	10	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10	10	10	10
50000	110	110	105	100	80	10	10	10	10	10
100000	10	10	10	10	10	10	10	10	10	10
250000	10	10	10	10	10	10	10	10	10	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones

Active Aeration: No Stack

Aeration Time: 8 hours or less



Table 11: Air Exchange Rate: 0.1 Application Rate: 3

Aeration time:	8 hours or less
Aeration method:	No Stack
Air Exchange Rate (/hr):	0.1
Application Rate (lbs/1000 ft ³):	3

Buffer Zone Distances (in feet)

Size	Retention Rate (%)									
	100	99	95	90	75	50	25	10	5	1
1000	10	10	10	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10	10	10	10
250000	10	10	10	10	10	10	10	10	10	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones

Active Aeration: No Stack

Aeration Time: 8 hours or less



Table 12: Air Exchange Rate: 0.2 Application Rate: 3

Aeration time:	8 hours or less
Aeration method:	No Stack
Air Exchange Rate (/hr):	0.2
Application Rate (lbs/1000 ft ³):	3

Buffer Zone Distances (in feet)

Size	Retention Rate (%)									
	100	99	95	90	75	50	25	10	5	1
1000	10	10	10	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10	10	10	10
50000	55	50	45	25	10	10	10	10	10	10
100000	10	10	10	10	10	10	10	10	10	10
250000	10	10	10	10	10	10	10	10	10	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones

Active Aeration: No Stack

Aeration Time: 8 hours or less



Table 13: Air Exchange Rate: 0.5 Application Rate: 3

Aeration time:	8 hours or less
Aeration method:	No Stack
Air Exchange Rate (/hr):	0.5
Application Rate (lbs/1000 ft ³):	3

Buffer Zone Distances (in feet)

Size	Retention Rate (%)									
	100	99	95	90	75	50	25	10	5	1
1000	10	10	10	10	10	10	10	10	10	10
2000	15	15	15	15	10	10	10	10	10	10
5000	10	10	10	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10	10	10	10
50000	120	120	115	105	80	10	10	10	10	10
100000	10	10	10	10	10	10	10	10	10	10
250000	10	10	10	10	10	10	10	10	10	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones

Active Aeration: No Stack

Aeration Time: 8 hours or less



Table 14: Air Exchange Rate: 1 Application Rate: 3

Aeration time:	8 hours or less
Aeration method:	No Stack
Air Exchange Rate (/hr):	1
Application Rate (lbs/1000 ft ³):	3

Buffer Zone Distances (in feet)

Size	Retention Rate (%)									
	100	99	95	90	75	50	25	10	5	1
1000	10	10	10	10	10	10	10	10	10	10
2000	15	15	15	15	15	10	10	10	10	10
5000	15	15	10	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10	10	10	10
25000	65	60	55	45	10	10	10	10	10	10
50000	145	145	135	130	105	55	10	10	10	10
100000	10	10	10	10	10	10	10	10	10	10
250000	10	10	10	10	10	10	10	10	10	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones

Active Aeration: No Stack

Aeration Time: 8 hours or less



Table 15: Air Exchange Rate: 2 Application Rate: 3

Aeration time:	8 hours or less
Aeration method:	No Stack
Air Exchange Rate (/hr):	2
Application Rate (lbs/1000 ft ³):	3

Buffer Zone Distances (in feet)

Size	Retention Rate (%)									
	100	99	95	90	75	50	25	10	5	1
1000	15	15	15	10	10	10	10	10	10	10
2000	20	20	20	20	15	10	10	10	10	10
5000	25	25	20	20	10	10	10	10	10	10
10000	10	10	10	10	10	10	10	10	10	10
25000	80	80	75	70	40	10	10	10	10	10
50000	160	155	150	145	125	80	10	10	10	10
100000	10	10	10	10	10	10	10	10	10	10
250000	10	10	10	10	10	10	10	10	10	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones

Active Aeration: No Stack

Aeration Time: 8 hours or less



Table 16: Air Exchange Rate: 0.1 Application Rate: 4

Aeration time:	8 hours or less
Aeration method:	No Stack
Air Exchange Rate (/hr):	0.1
Application Rate (lbs/1000 ft ³):	4

Buffer Zone Distances (in feet)

Size	Retention Rate (%)									
	100	99	95	90	75	50	25	10	5	1
1000	10	10	10	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10	10	10	10
250000	10	10	10	10	10	10	10	10	10	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones

Active Aeration: No Stack

Aeration Time: 8 hours or less



Table 17: Air Exchange Rate: 0.2 Application Rate: 4

Aeration time:	8 hours or less
Aeration method:	No Stack
Air Exchange Rate (/hr):	0.2
Application Rate (lbs/1000 ft ³):	4

Buffer Zone Distances (in feet)

Size	Retention Rate (%)									
	100	99	95	90	75	50	25	10	5	1
1000	10	10	10	10	10	10	10	10	10	10
2000	15	10	10	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10	10	10	10
50000	100	95	90	85	55	10	10	10	10	10
100000	10	10	10	10	10	10	10	10	10	10
250000	10	10	10	10	10	10	10	10	10	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones

Active Aeration: No Stack

Aeration Time: 8 hours or less



Table 18: Air Exchange Rate: 0.5 Application Rate: 4

Aeration time:	8 hours or less
Aeration method:	No Stack
Air Exchange Rate (/hr):	0.5
Application Rate (lbs/1000 ft ³):	4

Buffer Zone Distances (in feet)

Size	Retention Rate (%)									
	100	99	95	90	75	50	25	10	5	1
1000	15	10	10	10	10	10	10	10	10	10
2000	20	20	20	15	15	10	10	10	10	10
5000	20	20	15	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10	10	10	10
25000	70	70	65	55	10	10	10	10	10	10
50000	160	160	155	145	120	60	10	10	10	10
100000	10	10	10	10	10	10	10	10	10	10
250000	10	10	10	10	10	10	10	10	10	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones

Active Aeration: No Stack

Aeration Time: 8 hours or less



Table 19: Air Exchange Rate: 1 Application Rate: 4

Aeration time:	8 hours or less
Aeration method:	No Stack
Air Exchange Rate (/hr):	1
Application Rate (lbs/1000 ft ³):	4

Buffer Zone Distances (in feet)

Size	Retention Rate (%)									
	100	99	95	90	75	50	25	10	5	1
1000	15	15	15	15	10	10	10	10	10	10
2000	20	20	20	20	15	10	10	10	10	10
5000	30	30	25	25	15	10	10	10	10	10
10000	10	10	10	10	10	10	10	10	10	10
25000	95	95	90	85	65	10	10	10	10	10
50000	185	185	175	170	145	95	10	10	10	10
100000	10	10	10	10	10	10	10	10	10	10
250000	225	215	10	10	10	10	10	10	10	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones

Active Aeration: No Stack

Aeration Time: 8 hours or less



Table 20: Air Exchange Rate: 2 Application Rate: 4

Aeration time:	8 hours or less
Aeration method:	No Stack
Air Exchange Rate (/hr):	2
Application Rate (lbs/1000 ft ³):	4

Buffer Zone Distances (in feet)

Size	Retention Rate (%)									
	100	99	95	90	75	50	25	10	5	1
1000	15	15	15	15	15	10	10	10	10	10
2000	25	25	25	20	20	15	10	10	10	10
5000	35	35	35	30	25	10	10	10	10	10
10000	10	10	10	10	10	10	10	10	10	10
25000	110	110	105	100	80	10	10	10	10	10
50000	195	195	190	180	160	110	10	10	10	10
100000	10	10	10	10	10	10	10	10	10	10
250000	325	320	300	265	10	10	10	10	10	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones

Active Aeration: No Stack

Aeration Time: 8 hours or less



Table 21: Air Exchange Rate: 0.1 Application Rate: 5, 7.5, or 9

Aeration time:	8 hours or less
Aeration method:	No Stack
Air Exchange Rate (/hr):	0.1
Application Rate (lbs/1000 ft ³):	5, 7.5, or 9

Buffer Zone Distances (in feet)

Size	Retention Rate (%)									
	100	99	95	90	75	50	25	10	5	1
1000	10	10	10	10	10	10	10	10	10	10
2000	15	15	15	15	15	10	10	10	10	10
5000	10	10	10	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10	10	10	10
25000	55	55	50	35	10	10	10	10	10	10
50000	145	145	140	130	105	45	10	10	10	10
100000	10	10	10	10	10	10	10	10	10	10
250000	10	10	10	10	10	10	10	10	10	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones

Active Aeration: No Stack

Aeration Time: 8 hours or less



Table 22: Air Exchange Rate: 0.2 Application Rate: 5, 7.5, or 9

Aeration time:	8 hours or less
Aeration method:	No Stack
Air Exchange Rate (/hr):	0.2
Application Rate (lbs/1000 ft ³):	5, 7.5, or 9

Buffer Zone Distances (in feet)

Size	Retention Rate (%)									
	100	99	95	90	75	50	25	10	5	1
1000	15	15	15	15	15	10	10	10	10	10
2000	25	25	25	25	20	15	10	10	10	10
5000	35	35	35	30	20	10	10	10	10	10
10000	10	10	10	10	10	10	10	10	10	10
25000	120	120	115	105	85	10	10	10	10	10
50000	225	225	215	205	175	115	10	10	10	10
100000	10	10	10	10	10	10	10	10	10	10
250000	365	355	330	295	10	10	10	10	10	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones

Active Aeration: No Stack

Aeration Time: 8 hours or less



Table 23: Air Exchange Rate: 0.5 Application Rate: 5, 7.5, or 9

Aeration time:	8 hours or less
Aeration method:	No Stack
Air Exchange Rate (/hr):	0.5
Application Rate (lbs/1000 ft ³):	5, 7.5, or 9

Buffer Zone Distances (in feet)

Size	Retention Rate (%)									
	100	99	95	90	75	50	25	10	5	1
1000	25	20	20	20	20	15	10	10	10	10
2000	35	35	35	35	30	20	10	10	10	10
5000	60	55	55	50	45	25	10	10	10	10
10000	65	65	60	50	10	10	10	10	10	10
25000	180	180	175	165	140	85	10	10	10	10
50000	300	300	290	280	245	180	80	10	10	10
100000	10	10	10	10	10	10	10	10	10	10
250000	640	630	605	575	460	10	10	10	10	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones

Active Aeration: No Stack

Aeration Time: 8 hours or less



Table 24: Air Exchange Rate: 1 Application Rate: 5, 7.5, or 9

Aeration time:	8 hours or less
Aeration method:	No Stack
Air Exchange Rate (/hr):	1
Application Rate (lbs/1000 ft ³):	5, 7.5, or 9

Buffer Zone Distances (in feet)

Size	Retention Rate (%)									
	100	99	95	90	75	50	25	10	5	1
1000	25	25	25	25	20	15	10	10	10	10
2000	40	40	40	40	35	25	15	10	10	10
5000	65	65	65	60	50	35	10	10	10	10
10000	85	85	80	75	55	10	10	10	10	10
25000	205	205	200	190	165	110	10	10	10	10
50000	335	335	325	310	275	200	105	10	10	10
100000	10	10	10	10	10	10	10	10	10	10
250000	725	715	695	665	550	305	10	10	10	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones

Active Aeration: No Stack

Aeration Time: 8 hours or less



Table 25: Air Exchange Rate: 2 Application Rate: 5, 7.5, or 9

Aeration time:	8 hours or less
Aeration method:	No Stack
Air Exchange Rate (/hr):	2
Application Rate (lbs/1000 ft ³):	5, 7.5, or 9

Buffer Zone Distances (in feet)

Size	Retention Rate (%)									
	100	99	95	90	75	50	25	10	5	1
1000	30	25	25	25	25	15	10	10	10	10
2000	45	45	45	40	35	25	15	10	10	10
5000	75	75	70	65	60	40	10	10	10	10
10000	100	100	95	90	75	10	10	10	10	10
25000	210	210	205	195	170	125	40	10	10	10
50000	335	330	325	310	275	210	125	10	10	10
100000	265	260	230	10	10	10	10	10	10	10
250000	715	710	690	665	575	380	10	10	10	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones

Active Aeration: No Stack

Aeration Time: 8 hours or less



Table 26: Air Exchange Rate: 0.1 Application Rate: 15

Aeration time:	8 hours or less
Aeration method:	No Stack
Air Exchange Rate (/hr):	0.1
Application Rate (lbs/1000 ft ³):	15

Buffer Zone Distances (in feet)

Size	Retention Rate (%)									
	100	99	95	90	75	50	25	10	5	1
1000	15	15	15	15	15	10	10	10	10	10
2000	25	25	25	25	20	15	10	10	10	10
5000	40	40	35	35	25	10	10	10	10	10
10000	10	10	10	10	10	10	10	10	10	10
25000	125	125	120	110	90	10	10	10	10	10
50000	235	230	225	215	185	120	10	10	10	10
100000	10	10	10	10	10	10	10	10	10	10
250000	390	385	355	325	10	10	10	10	10	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones

Active Aeration: No Stack

Aeration Time: 8 hours or less



Table 27: Air Exchange Rate: 0.2 Application Rate: 15

Aeration time:	8 hours or less
Aeration method:	No Stack
Air Exchange Rate (/hr):	0.2
Application Rate (lbs/1000 ft ³):	15

Buffer Zone Distances (in feet)

Size	Retention Rate (%)									
	100	99	95	90	75	50	25	10	5	1
1000	25	25	25	25	20	15	10	10	10	10
2000	40	40	40	35	30	20	10	10	10	10
5000	60	60	60	55	45	30	10	10	10	10
10000	75	75	70	60	10	10	10	10	10	10
25000	200	195	190	180	155	95	10	10	10	10
50000	330	330	320	305	265	195	90	10	10	10
100000	10	10	10	10	10	10	10	10	10	10
250000	700	695	670	640	520	215	10	10	10	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones

Active Aeration: No Stack

Aeration Time: 8 hours or less



Table 28: Air Exchange Rate: 0.5 Application Rate: 15

Aeration time:	8 hours or less
Aeration method:	No Stack
Air Exchange Rate (/hr):	0.5
Application Rate (lbs/1000 ft ³):	15

Buffer Zone Distances (in feet)

Size	Retention Rate (%)									
	100	99	95	90	75	50	25	10	5	1
1000	35	35	30	30	25	20	10	10	10	10
2000	50	50	50	50	45	30	20	10	10	10
5000	90	90	85	85	70	50	15	10	10	10
10000	130	130	125	115	95	10	10	10	10	10
25000	265	265	260	250	215	155	60	10	10	10
50000	425	425	410	400	350	265	150	10	10	10
100000	385	380	355	320	10	10	10	10	10	10
250000	975	965	935	900	775	530	10	10	10	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones

Active Aeration: No Stack

Aeration Time: 8 hours or less



Table 29: Air Exchange Rate: 1 Application Rate: 15

Aeration time:	8 hours or less
Aeration method:	No Stack
Air Exchange Rate (/hr):	1
Application Rate (lbs/1000 ft ³):	15

Buffer Zone Distances (in feet)

Size	Retention Rate (%)									
	100	99	95	90	75	50	25	10	5	1
1000	40	40	35	35	30	25	15	10	10	10
2000	60	60	55	55	45	35	20	10	10	10
5000	105	105	100	95	80	55	25	10	10	10
10000	150	150	145	140	115	65	10	10	10	10
25000	295	295	285	275	245	180	90	10	10	10
50000	465	460	450	435	385	295	175	55	10	10
100000	480	475	450	420	305	10	10	10	10	10
250000	1075	1070	1035	990	870	620	10	10	10	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones

Active Aeration: No Stack

Aeration Time: 8 hours or less



Table 30: Air Exchange Rate: 2 Application Rate: 15

Aeration time:	8 hours or less
Aeration method:	No Stack
Air Exchange Rate (/hr):	2
Application Rate (lbs/1000 ft ³):	15

Buffer Zone Distances (in feet)

Size	Retention Rate (%)									
	100	99	95	90	75	50	25	10	5	1
1000	40	40	40	40	35	25	15	10	10	10
2000	65	65	60	60	50	40	25	10	10	10
5000	110	110	105	100	90	65	35	10	10	10
10000	160	160	155	145	125	85	10	10	10	10
25000	300	295	290	280	245	185	105	10	10	10
50000	460	455	445	430	385	295	185	80	10	10
100000	515	510	490	465	375	10	10	10	10	10
250000	1030	1020	995	955	845	625	290	10	10	10

Round up to the nearest enclosure size and retention rate.