



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: Open Area Vertical Stack - 10 Feet

Aeration Time: 8 hours or less



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Methyl Bromide Commodity and Structural Fumigation Buffer Zones
 Active Aeration: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



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

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	5
Application Rate (lbs/1000 ft ³):	1

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10
250000	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: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



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

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	5
Application Rate (lbs/1000 ft ³):	2

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10
250000	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: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



Table 3: Air Exchange Rate: 5 Application Rate: 3

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	5
Application Rate (lbs/1000 ft ³):	3

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	10	10	10	10	10	10	10
2000	16	16	16	16	10	10	10
5000	33	33	33	33	10	10	10
10000	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10
100000	164	131	10	10	10	10	10
250000	443	443	426	394	246	10	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones
 Active Aeration: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



Table 4: Air Exchange Rate: 5 Application Rate: 4

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	5
Application Rate (lbs/1000 ft ³):	4

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	16	16	16	16	10	10	10
2000	33	33	33	33	16	10	10
5000	49	49	49	33	33	10	10
10000	49	49	49	33	10	10	10
25000	10	10	10	10	10	10	10
50000	98	82	10	10	10	10	10
100000	312	312	295	279	164	10	10
250000	607	607	590	558	443	10	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones
 Active Aeration: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



Table 5: Air Exchange Rate: 5 Application Rate: 5

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	5
Application Rate (lbs/1000 ft ³):	5

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	16	16	16	16	16	10	10
2000	33	33	33	33	33	16	10
5000	66	66	49	49	49	16	10
10000	82	82	82	66	49	10	10
25000	10	10	10	10	10	10	10
50000	230	230	213	180	10	10	10
100000	410	410	394	361	295	10	10
250000	804	787	738	672	574	344	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones
 Active Aeration: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



Table 6: Air Exchange Rate: 5 Application Rate: 7.5

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	5
Application Rate (lbs/1000 ft ³):	7.5

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	33	33	33	33	33	16	10
2000	49	49	49	49	33	33	10
5000	98	98	82	82	66	49	10
10000	131	131	131	131	98	49	10
25000	213	213	197	180	10	10	10
50000	377	361	361	328	279	10	10
100000	672	656	623	558	459	295	10
250000	1361	1361	1296	1230	984	574	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones
 Active Aeration: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



Table 7: Air Exchange Rate: 5 Application Rate: 15

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	5
Application Rate (lbs/1000 ft ³):	15

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	49	49	49	49	49	33	16
2000	98	82	82	82	66	49	33
5000	164	164	164	148	131	98	49
10000	246	246	246	230	197	131	49
25000	476	459	443	410	328	213	10
50000	869	853	820	771	623	377	10
100000	1476	1443	1394	1312	1082	672	295
250000	2673	2640	2575	2460	2099	1361	574

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones
 Active Aeration: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



Table 8: Air Exchange Rate: 10 Application Rate: 1

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	10
Application Rate (lbs/1000 ft ³):	1

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10
250000	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: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



Table 9: Air Exchange Rate: 10 Application Rate: 2

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	10
Application Rate (lbs/1000 ft ³):	2

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10
250000	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: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



Table 10: Air Exchange Rate: 10 Application Rate: 3

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	10
Application Rate (lbs/1000 ft ³):	3

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10
250000	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: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



Table 11: Air Exchange Rate: 10 Application Rate: 4

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	10
Application Rate (lbs/1000 ft ³):	4

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10
250000	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: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



Table 12: Air Exchange Rate: 10 Application Rate: 5

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	10
Application Rate (lbs/1000 ft ³):	5

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	16	16	16	10	10	10	10
2000	16	16	16	16	10	10	10
5000	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10
250000	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: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



Table 13: Air Exchange Rate: 10 Application Rate: 7.5

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	10
Application Rate (lbs/1000 ft ³):	7.5

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	33	33	33	16	16	10	10
2000	33	33	33	33	33	10	10
5000	49	49	33	33	10	10	10
10000	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10
250000	590	574	492	328	10	10	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones
 Active Aeration: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



Table 14: Air Exchange Rate: 10 Application Rate: 15

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	10
Application Rate (lbs/1000 ft ³):	15

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	49	49	49	49	33	33	10
2000	82	82	82	66	66	33	10
5000	131	131	131	131	98	49	10
10000	197	197	180	164	98	10	10
25000	279	279	246	197	10	10	10
50000	492	492	476	443	328	10	10
100000	951	935	853	705	574	10	10
250000	1968	1935	1804	1673	1197	590	10

Round up to the nearest enclosure size and retention rate.

Methyl Bromide Commodity and Structural Fumigation Buffer Zones
 Active Aeration: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



Table 15: Air Exchange Rate: 20 Application Rate: 1

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	20
Application Rate (lbs/1000 ft ³):	1

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10
250000	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: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



Table 16: Air Exchange Rate: 20 Application Rate: 2

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	20
Application Rate (lbs/1000 ft ³):	2

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10
250000	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: Open Area Vertical Stack - 10 Feet

Aeration Time: 8 hours or less



Table 17: Air Exchange Rate: 20 Application Rate: 3

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	20
Application Rate (lbs/1000 ft ³):	3

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10
250000	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: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



Table 18: Air Exchange Rate: 20 Application Rate: 4

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	20
Application Rate (lbs/1000 ft ³):	4

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10
250000	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: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



Table 19: Air Exchange Rate: 20 Application Rate: 5

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	20
Application Rate (lbs/1000 ft ³):	5

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10
250000	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: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



Table 20: Air Exchange Rate: 20 Application Rate: 7.5

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	20
Application Rate (lbs/1000 ft ³):	7.5

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10
250000	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: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



Table 21: Air Exchange Rate: 20 Application Rate: 15

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	20
Application Rate (lbs/1000 ft ³):	15

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	33	33	33	33	33	10	10
2000	49	49	49	33	16	10	10
5000	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10
250000	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: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



Table 22: Air Exchange Rate: 50 Application Rate: 1

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	50
Application Rate (lbs/1000 ft ³):	1

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10
250000	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: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



Table 23: Air Exchange Rate: 50 Application Rate: 2

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	50
Application Rate (lbs/1000 ft ³):	2

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10
250000	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: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



Table 24: Air Exchange Rate: 50 Application Rate: 3

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	50
Application Rate (lbs/1000 ft ³):	3

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10
250000	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: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



Table 25: Air Exchange Rate: 50 Application Rate: 4

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	50
Application Rate (lbs/1000 ft ³):	4

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10
250000	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: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



Table 26: Air Exchange Rate: 50 Application Rate: 5

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	50
Application Rate (lbs/1000 ft ³):	5

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10
250000	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: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



Table 27: Air Exchange Rate: 50 Application Rate: 7.5

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	50
Application Rate (lbs/1000 ft ³):	7.5

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10
250000	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: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



Table 28: Air Exchange Rate: 50 Application Rate: 15

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	50
Application Rate (lbs/1000 ft ³):	15

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10
250000	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: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



Table 29: Air Exchange Rate: 70 Application Rate: 1

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	70
Application Rate (lbs/1000 ft ³):	1

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10
250000	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: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



Table 30: Air Exchange Rate: 70 Application Rate: 2

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	70
Application Rate (lbs/1000 ft ³):	2

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10
250000	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: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



Table 31: Air Exchange Rate: 70 Application Rate: 3

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	70
Application Rate (lbs/1000 ft ³):	3

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10
250000	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: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



Table 32: Air Exchange Rate: 70 Application Rate: 4

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	70
Application Rate (lbs/1000 ft ³):	4

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10
250000	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: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



Table 33: Air Exchange Rate: 70 Application Rate: 5

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	70
Application Rate (lbs/1000 ft ³):	5

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10
250000	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: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



Table 34: Air Exchange Rate: 70 Application Rate: 7.5

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	70
Application Rate (lbs/1000 ft ³):	7.5

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10
250000	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: Open Area Vertical Stack - 10 Feet
 Aeration Time: 8 hours or less



Table 35: Air Exchange Rate: 70 Application Rate: 15

Aeration time:	8 hours or less
Aeration method:	Open Area Vertical Stack - 10 feet
Air Exchange Rate (/hr):	70
Application Rate (lbs/1000 ft ³):	15

Buffer Zone Distances (in feet)

Size (ft ³)	Retention Rate (%)						
	100	99	95	90	75	50	25
1000	10	10	10	10	10	10	10
2000	10	10	10	10	10	10	10
5000	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10
25000	10	10	10	10	10	10	10
50000	10	10	10	10	10	10	10
100000	10	10	10	10	10	10	10
250000	10	10	10	10	10	10	10

Round up to the nearest enclosure size and retention rate.