

**2000 Watermelon Disease Control  
Mason Co.**

<b>Treatment</b>	<b>Chemical</b>	<b>Rate/Acre</b>	<b>Timing</b>
1	Messenger Messenger	2.23 oz. 2.23 oz.	7 DAP 14 Days
2	Messenger Messenger	4.46 oz. 4.46 oz.	7 DAP 14 Days
3	Messenger Messenger	2.23 oz. 2.23 oz.	7 DAP 28 Days
4	Messenger Messenger	4.46 oz. 4.46 oz.	7 DAP 28 Days
5	Messenger Bravo Ultrex	2.23 oz. 2.7 #	1,3,5,7 2,4,6,8
6	Bravo Ultrex	2.7 #	Full Season
7	Folicur 3.6 F +Induce	4.0 oz. 0.06 % V/V	14 Days
8	Folicur 3.6 F +Induce	6.0 oz. 0.06 % V/V	14 Days
9	Folicur 3.6 F +Bravo	4.0 oz. 1.5 pt	14 Days
10	Gavel 75 DF	2.0 #	Full Season
11	Gavel 75 DF +Nova 40 WSP	2.0 # 2.5 oz.	Full Season
12	Dithane DF	3.0 #	Full Season
13	Dithane DF +Nova 40 WSP	3.0 # 2.5 oz.	Full Season
14	Zoxium 80 W +Nova 40 WSP	4.0 oz. 2.5 oz.	Full Season
15	Stratego Stratego	5 oz. 7 oz.	1-3 4-8
16	Flint +Actigard	.18 lbs .06 lbs	Full Season
17	Tilt +Bravo Weatherstick	4 oz. 1.5 pt.	Full Season
18	Flint	.18 lbs	Full Season
19	Untreated Check		

**2000 Watermelon Disease Control  
Foliage Disease Ratings  
6/30/00**

Rates on 1-10 (1= severe disease 10= No disease)

<b>Treatment</b>	<b>Rep 1</b>	<b>Rep 2</b>	<b>Rep 3</b>	<b>Average</b>
1	3	9	7	6.3
2	2	8	9	6.3
3	8	8	4	6.6
4	7	8	5	6.6
5	6	3	4	4.3
6	9	6	3	6.0
7	6	9	8	7.6
8	9	6	7	7.3
9	6	7	9	7.3
10	6	7	8	7.0
11	9	5	4	6.0
12	5	6	9	6.6
13	5	7	9	8.0
14	9	8	5	7.3
15	9	9	8	8.6
16	9	7	6	7.3
17	7	8	9	8.0
18	6	7	6	6.3
19	9	8	5	7.3

**2000 Watermelon Disease Control  
Melon Yields 2<sup>nd</sup> Cutting 9/6/00**

5 melons weighed in each rep - randomly selected

<b>Treatment</b>	<b>Rep 1</b>	<b>Rep 2</b>	<b>Rep 3</b>	<b>Average</b>
1	37.76	30.96	29.84	32.9
2	39.90	31.52	33.08	34.8
3	37.38	40.40	35.82	37.9
4	38.24	38.06	32.12	36.1
5	36.52	40.28	29.74	35.5
6	30.90	24.34	29.50	28.2
7	31.06	29.24	37.22	32.5
8	30.58	25.52	34.96	30.4
9	31.02	33.28	37.88	34.1
10	34.20	35.18	29.10	32.8
11	32.04	32.08	30.42	31.5
12	33.28	33.74	31.44	32.8
13	36.42	30.94	37.72	35.0
14	29.32	33.54	29.34	30.7
15	29.74	37.48	32.72	33.3
16	30.24	32.30	32.48	31.7
17	32.46	31.62	29.36	31.1
18	29.76	30.40	35.82	32.0
19	29.34	29.58	32.14	30.4

**2000 Watermelons  
Weather Data**

Date	5-11-00	5-25-00	6-8-00	6-22-00
Time	11:30 am	8:00 am	4:00 pm	8:30 am
Soil Temperature EF	76E	73E	89E	70E
Air Temperature EF	89E	79E	92E	74E
Humidity	56%	83%	55%	87%
Wind Speed and Direction	South 15	South 5-8 mph	Southeast 3-8 mph	South 3 mph
Dew Present	none	none	none	none
Cloud Cover	5%	none	45 %	15%