



Rate Charts: Cam Gauge Controlled Row Applicators Jumbo, Super, Junior & Poly Cam Gauge

CALIBRATION

It is the responsibility of the operator to ensure that each material is properly calibrated in the applicator prior to application to the field.

Failure to do so may cause under application which can give ineffective pest control or over application which can result in yield damage or carryover affecting growth of the following crops.

The attached charts are to serve only as guides in initial setting, as the chemical, seed or fertilizer is as supplied and run under factory laboratory conditions.

A few minutes invested before application gives the most effective use of your granular chemical or soil amendment and make wisest use of your turf maintenance efforts.

Remember:

- Flow rates of chemicals can change because:
- Formulations vary within the same brand or between brands
- Formulations vary between batches or years of manufacture
- Atmospheric conditions alter the chemical's flow-ability
- Poor applicator maintenance changes flow
- Incorrect control/sprocket installation changes rates
- Slide closure, rate gauge or setting has been moved from correct position
- Human error causes miscalculation of rate

To Calibrate:

- Catch material for weighing. Do not apply directly to field.
- Plan the material you need for quick calibration.
- Example: Scale, recovery bags, calibration tubes, distance measured or timing device.
- Calibration takes minimal time if you are prepared to do it correctly.

FOLLOW THE CALIBRATION PROCEDURES ON THE RATE CHART

CAUTION:

Catching material from all or a portion of the outlets (the others being closed) is the recommended calibration procedure, so that no material is applied to the soil until calibration is completed. Doing otherwise is at the operator's risk and responsibility.

Banded Herbicides

Directions:

- 1) Find rate in pounds per Broadcast acre. If your rate is not given in pounds per broadcast acre, refer to the chart at the bottom of this page. Under your row spacing, find your rate in pounds per banded acre. Then move left to your rate in pounds per broadcast acre. Estimate for your specified rate.
- 2) On the chart for your chemical and Ro-Bander with, go down the column under your planting speed to your rate, then left to the proper gauge setting for your speed.

Pounds to Buy

To determine the pounds of chemical to buy for a given acre:

- ❖ Go down left column to your rate in pounds per broadcast acre.
- ❖ Go right to the number in the column under your row spacing.
- ❖ Multiply this number by the total number of acres to be treated.

- 14-inch bands: this is the number of pounds needed.
- 10-inch bands: multiply answer by 0.71 for pounds needed.
- 7-inch bands: multiply answer by 0.50 for pounds needed.
- 5-inch bands: multiply answer by 0.35 for pounds needed.
- 15-inch bands: multiply answer by 1.06 for pounds needed.
- 20-inch bands: multiply answer by 1.42 for pounds needed.
- 21-inch bands: multiply answer by 1.50 for pounds needed.
- 28-inch bands: multiply answer by 2.00 for pounds needed.

Broadcast Rate #/A	Row Spacing in Inches										
	20"	22"	24"	26"	28"	30"	32"	34"	36"	38"	40"
5	3.5	3.2	2.9	2.7	2.5	2.3	2.2	2.1	1.9	1.8	1.8
10	7.0	6.4	5.8	5.4	5.0	4.7	4.4	4.1	3.9	3.7	3.5
15	10.5	9.6	8.8	8.1	7.5	7.0	6.6	6.2	5.8	5.5	5.3
20	14.0	12.7	11.7	10.8	10.0	9.3	8.8	8.2	7.8	7.4	7.0
25	17.5	15.9	14.6	13.5	12.5	11.7	10.9	10.3	9.7	9.2	8.8
30	21.0	19.1	17.5	16.2	15.0	14.0	13.3	12.4	11.7	11.1	10.5
35	24.5	22.3	20.4	18.9	17.5	16.3	15.3	14.4	13.6	12.9	12.3
40	28.0	25.5	23.3	21.5	20.0	18.7	17.5	16.5	15.6	14.7	14.0
45	31.5	28.6	26.3	24.2	22.5	21.0	19.7	18.5	17.5	16.6	15.8
50	35.0	31.8	29.2	26.9	25.0	23.3	21.9	20.6	19.4	18.4	17.5



Calibration Procedure

For Row Applicators w/ Cam Gauge Metering

Website: www.gandy.net / E-mail: custsrv@gandy.net

Each product flows differently; thus, individual rate charts are required. Gandy charts were calibrated from samples furnished by the respective chemical companies as of this printing and calibrated under laboratory conditions. However, variations in formulations, humidity, temperature and age of product may affect application rates. We suggest checking your results as outlined under procedure.

Gauge Setting:

Gandy applicators depend on the gravity flow of granules through a precisely adjusted opening. The rotor assures a constant flow and shut-off of granules. **Within limits, rotor speed does not affect application rates.** Too slow a rotor speed, especially at high gauge settings, results in intermittent flow due to insufficient supply of granules to the openings. Too fast a speed results in excessive powdering of the granules. Rotor speed between 10 and 20 rpm are usually acceptable.

Ground Speed:

Think of your Gandy as the top half of an hour glass, and you can visualize how a change in forward speed will change the rate applied to a given area. For example, traveling at half the intended speed will apply twice the desired rate.

Band Width:

With broadcast or banded applications, the wider the band or area covered by each opening, the larger the opening required to apply the same rate (i.e. number of granules per square inch).

1. Check Ground Speed: (Use these distances traveled in one minute):

1 mph	2 mph	3 mph	4 mph	5 mph	6 mph	7 mph	8 mph	9 mph	10 mph
88 ft.	176 ft.	264 ft.	352 ft.	440 ft.	528 ft.	616 ft.	704 ft.	792 ft.	880 ft.

2. Determine Rate: From the product label. Products listed are manufactured in North America. Similar products manufactured elsewhere may have different formulations.

Banded Herbicides: Find rate in ounces per 1,000 feet of row. If not given, use chart on page 11 to convert pounds per acre at specified row spacing rate to ounces per 1,000 feet of row.

3. Look Up Gauge Setting: Turn to chart for your product and application.

4. Set the Cam Gauge: Move the slide away from stop. Turn to the proper setting using the top of the stop as the gauge point and secure. Slide bottom and cam against stop. Secure with wing nut.

5. Check your Results:

Manufactures of chemicals, herbicides, and other materials may change their formulations without notice. Atmospheric conditions also can change the flow of some materials.

Check your rate of application to be sure your formulation is the same as the one used in calibration.

We recommend this procedure:

- A. Suspend a calibration pan (or tubes connected to spouts) under each outlet.
- B. Set Gauge.
- C. Place a sufficient amount of material in the spreader for a practice area.
- D. Travel a know area, such as 1,000 sq. ft.
- E. Weigh the contents of the calibration pan or tube(s).
- F. Divide the weigh by the known area to determine rate applied.
 - 1) If necessary, adjust the gauge up or down and repeat.
 - A) Banded Herbicides: Use chart on next page to convert to pounds per broadcast acre.
 - B) -in – the –row: Use chart on page 11 to convert to ounces per 1,000 feet of row.
- G. Adjust gauge if needed and recheck.

Banded Herbicides

Directions:

- 1) Find rate in pounds per Broadcast acre. If your rate is not given in pounds per broadcast acre, refer to the chart at the bottom of this page. Under your row spacing, find your rate in pounds per banded acre. Then move left to your rate in pounds per broadcast acre. Estimate for your specified rate.
- 2) On the chart for your chemical and Ro-Bander with, go down the column under your planting speed to your rate, then left to the proper gauge setting for your speed.

Pounds to Buy

To determine the pounds of chemical to buy for a given acre:

- ❖ Go down left column to your rate in pounds per broadcast acre.
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15	10.5	9.6	8.8	8.1	7.5	7.0	6.6	6.2	5.8	5.5	5.3
20	14.0	12.7	11.7	10.8	10.0	9.3	8.8	8.2	7.8	7.4	7.0
25	17.5	15.9	14.6	13.5	12.5	11.7	10.9	10.3	9.7	9.2	8.8
30	21.0	19.1	17.5	16.2	15.0	14.0	13.3	12.4	11.7	11.1	10.5
35	24.5	22.3	20.4	18.9	17.5	16.3	15.3	14.4	13.6	12.9	12.3
40	28.0	25.5	23.3	21.5	20.0	18.7	17.5	16.5	15.6	14.7	14.0
45	31.5	28.6	26.3	24.2	22.5	21.0	19.7	18.5	17.5	16.6	15.8
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15	10.5	9.6	8.8	8.1	7.5	7.0	6.6	6.2	5.8	5.5	5.3
20	14.0	12.7	11.7	10.8	10.0	9.3	8.8	8.2	7.8	7.4	7.0
25	17.5	15.9	14.6	13.5	12.5	11.7	10.9	10.3	9.7	9.2	8.8
30	21.0	19.1	17.5	16.2	15.0	14.0	13.3	12.4	11.7	11.1	10.5
35	24.5	22.3	20.4	18.9	17.5	16.3	15.3	14.4	13.6	12.9	12.3
40	28.0	25.5	23.3	21.5	20.0	18.7	17.5	16.5	15.6	14.7	14.0
45	31.5	28.6	26.3	24.2	22.5	21.0	19.7	18.5	17.5	16.6	15.8
50	35.0	31.8	29.2	26.9	25.0	23.3	21.9	20.6	19.4	18.4	17.5

Gandy Row Applicator (7-inch Ro-bander)
Avadex BW
Monsanto

Gauge	<u>Miles Per Hour</u>									
	2	3	4	5	6	7	8	9	10	
	<u>Pounds Per Broadcast Acre</u>									
7	6.9									
8	10.0	6.7								
9	12.3	8.2	6.1							
10	14.4	9.6	7.2							
11	17.8	11.8	8.9	7.1						
12	21.3	14.2	10.6	8.5	7.1					
13		16.5	12.4	9.9	8.3					
14		18.7	14.0	11.2	9.3	8.0				
15			15.6	12.5	10.4	8.9	8.0			
16			18.1	14.5	12.1	10.4	9.0	8.0		
17				16.5	3.8	11.8	10.3	9.2	8.3	
18				18.5	15.4	13.2	11.6	10.3	9.3	
19					17.1	14.6	12.8	11.4	10.3	
20					18.8	16.1	14.1	12.5	11.3	
21						18.1	15.9	14.1	12.7	
22							17.6	15.7	14.1	
23								17.3	15.6	
24									16.2	
25										18.6

Avadex 10G
Monsanto

Gauge	<u>Miles Per Hour</u>									
	2	3	4	5	6	7	8	9	10	
	<u>Pounds Per Broadcast Acre</u>									
10	19.4									
11	23.7									
12	28.0	18.7								
13	32.4	21.6								
14		24.4	18.3							
15		27.3	20.5							
16		31.6	23.7	19.0						
17			26.9	21.5	18.0					
18			30.1	24.1	20.1					
19			33.4	26.7	22.2	19.1				
20				29.3	24.4	20.9	18.3			
21				32.5	27.1	23.2	20.3			
22					29.8	25.5	22.4	19.9		
23					32.5	27.9	24.4	21.7	19.5	
24						30.2	26.4	23.5	21.1	
25						32.5	28.4	25.3	22.8	
26							31.0	27.6	24.8	
27								29.9	26.9	
28								32.2	28.9	
29									31.0	

Betasan 12.5G
Zeneca

Gauge	<u>Miles Per Hour</u>									
	2	3	4	5	6	7	8	9	10	
	<u>Pounds Per Broadcast Acre</u>									
23	75.0									
24	84.5									
25	94.4									
26	102.0									
27		74.0								
28		80.0								
29		86.0								
30		90.8								
31		97.0								
32		103.3	77.5							
33			82.8							
34			88.0							
35			93.8	75.0						
36			100.0	80.0						
37			105.8	84.6						
38				90.0						
39				92.0	76.7					
40				99.8	83.1	71.3				
45				124.6	103.8	89.0	77.9	69.2	62.3	
50						120.7	105.6	93.9	84.5	
55								118.9	107.0	

Gandy Row Applicator (7-inch Ro-bander)
Balan 2.5 G
Dow Elanco

Gauge	<u>Miles Per Hour</u>									
	2	3	4	5	6	7	8	9	10	
	<u>Pounds Per Broadcast Acre</u>									
12	43									
13	52									
14	62	41								
15	72	48								
16	79	53								
17	86	58	43							
18	94	63	47							
19	101	68	51							
20	109	73	54	44						
21	122	81	61	49	41					
22		90	68	54	45					
23		99	74	59	49	42				
24		108	81	65	54	46				
25		117	87	70	58	50	44			
26		128	96	77	64	55	48	43		
27			105	84	70	60	53	47	42	
28			114	91	76	65	57	51	46	
29			123	98	82	70	61	55	49	
30				105	88	75	66	58	53	
31				115	96	82	72	64	58	
32				125	104	89	78	70	63	
33					113	97	85	75	68	
34					121	104	91	81	73	
35					129	111	97	86	78	
36						118	103	92	83	
37						125	110	97	88	
38							116	103	93	
39							122	108	98	
40								148	103	
45									133	

Casoron 4G
PBI Gordon

Gauge	<u>Miles Per Hour</u>									
	2	3	4	5	6	7	8	9	10	
	<u>Pounds Per Broadcast Acre</u>									
33	75									
34	80									
35	86									
36	92									
37	99									
38	106	71								
39	113	75								
40	119	80								
41	128	86								
42	137	92								
43	146	98	73							
44	156	104	78							
45		110	82							
46		116	87							
47		122	91	73						
48		128	96	77						
49		134	100	80						
50		140	105	84						
51		148	111	89	74					
52		157	117	94	78					
53			124	99	82					
54			130	104	87	74				
55			136	109	91	78				
56			142	114	95	81				
57			149	119	99	85	74			
58			155	124	103	89	77			
59				129	107	92	81			
60				134	112	96	84	74	67	
65				164	136	117	102	91	82	
70					161	138	121	107	97	
75						159	139	124	112	
80							158	141	126	

Gandy Row Applicator (7-inch Ro-bander)
Dacthal 5G
ISK Biotech

Gauge	Miles Per Hour							
	2	3	4	5	6	7	8	
	Pounds Per Broadcast Acre							
28	144.7							
29	154.0							
30	164.0							
31	178.8							
32	192.8							
33	212.8							
34	220.7	147.2						
35	234.6	156.4						
36	248.5	185.7						
37	262.8	175.2						
38	276.6	184.4						
39	290.8	193.9	145.4					
40	309.8	203.2	154.9					
45		234.5	175.9	140.7				
50		265.5	199.1	159.3				
55		296.8	222.6	178.1	148.4			
60		327.7	245.8	196.6	163.8			
65			257.1	205.7	171.4	146.5		
70			268.6	214.9	179.1	153.5		
75			280.0	224.0	186.7	160.0		
80			291.8	233.5	194.6	166.8	145.5	

Dual 25G
Novartis

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	Pounds Per Broadcast Acre									
6	5.7									
7	7.8	5.2								
8	10.8	7.2	5.4							
9	13.7	9.1	6.8	5.5						
10	16.6	11.1	8.3	6.6	5.5					
11	20.8	13.9	10.4	8.3	6.9	5.9	5.2			
12		16.7	12.5	10.0	8.4	7.2	6.3	5.6		
13		19.5	14.6	11.7	9.8	8.4	7.3	6.5	5.9	
14			16.8	13.4	11.2	9.6	8.4	7.4	6.7	
15			18.9	15.1	12.6	10.8	9.4	8.4	7.5	
16				17.5	14.6	12.5	11.0	9.7	8.8	
17					16.6	14.2	12.5	11.1	10.0	
18					18.7	16.0	14.0	12.4	11.2	
19						17.7	15.5	13.8	12.4	
20							17.0	15.1	13.6	
21								17.0	15.3	
22									16.9	
23										18.5

Dual IIG
Novartis

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	Pounds Per Broadcast Acre									
6	5.7									
7	7.8	5.2								
8	10.8	7.2	5.4							
9	13.7	9.1	6.8	5.5						
10	16.6	11.1	8.3	6.6	5.5					
11	20.8	13.9	10.4	8.3	6.9	5.9	5.2			
12		16.7	12.5	10.0	8.4	7.2	6.3	5.6		
13		19.5	14.6	11.7	9.8	8.4	7.3	6.5	5.9	
14			16.8	13.4	11.2	9.6	8.4	7.4	6.7	
15			18.9	15.1	12.6	10.8	9.4	8.4	7.5	
16				17.5	14.6	12.5	11.0	9.7	8.8	
17					16.6	14.2	12.5	11.1	10.0	
18					18.7	16.0	14.0	12.4	11.2	
19						17.7	15.5	13.8	12.4	
20							17.0	15.1	13.6	
21								17.0	15.3	
22									16.9	
23										18.5

Gandy Row Applicator (7-inch Ro-bander)
Dyelomec 4G
Gordon

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	Pounds Per Broadcast Acre									
30	94.2									
31	103.2									
32	112.3									
33	121.3									
34	130.4									
35	139.4	92.9								
36	150.9	100.6								
37	162.3	108.2								
38	185.2	123.5								
40	196.7	131.1	98.3							
41	211.0	140.7	105.5							
42	225.4	150.3	112.7							
43	239.8	159.9	119.9	95.9						
44	254.2	169.5	127.1	101.7						
45	268.5	179.0	134.3	107.4						
46	282.9	188.6	141.5	113.2						
47	297.3	198.2	148.7	118.9	99.1					
48	311.7	207.8	155.8	124.7	103.9					
49	326.1	217.4	163.0	130.4	108.7					
50	340.4	227.0	170.2	136.2	113.5	97.3				
51	354.7	236.5	177.4	141.9	118.3	101.4				
52	369.1	246.0	184.5	147.6	123.0	105.5				
53	383.4	255.6	191.7	153.4	127.8	109.5				
54	397.7	265.1	198.9	159.1	132.6	113.6	99.4			
55	412.0	274.7	206.0	164.8	137.3	117.7	103.0			
56	426.3	284.2	213.2	170.5	142.1	121.8	106.6			
57	440.6	293.8	220.3	176.3	146.9	125.9	110.2	97.9		
58	455.0	303.3	227.5	182.0	151.7	130.0	113.7	101.1		
59	469.3	312.9	234.6	187.7	156.4	134.1	117.3	104.3		
60	483.6	322.4	241.8	193.4	161.2	138.2	120.9	107.5	96.7	
65	517.3	344.9	258.6	206.9	172.4	147.8	129.3	115.0	103.5	
70		367.3	275.5	220.4	183.7	157.4	137.7	122.4	110.2	
75		389.8	292.3	233.9	194.9	167.0	146.2	129.9	116.9	
80		412.2	309.2	247.3	206.1	176.7	154.6	137.4	123.7	

Eptam 10G
Zeneca

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	Pounds Per Broadcast Acre									
11	17.4									
12	21.0									
13	24.7									
14	28.3	18.8								
15	31.9	21.3								
16	37.0	24.7	18.5							
17	42.2	28.1	21.1							
18	47.3	31.5	23.6	18.9						
19	52.4	34.9	26.2	21.0						
20	57.5	38.3	28.8	23.0	19.2					
21	65.6	43.7	32.8	26.2	21.9	18.7				
22		49.1	36.8	29.5	24.6	21.0	18.4			
23		54.5	40.9	32.7	27.3	23.4	20.4	18.2		
24		59.9	44.9	35.9	29.9	25.7	22.5	20.0		
25		65.3	49.0	39.2	32.6	28.0	24.5	21.8	19.6	
26			53.8	43.0	35.9	30.7	26.9	23.9	21.5	
27			58.6	46.9	39.1	33.5	29.3	26.1	23.5	
28			63.5	50.8	42.3	36.3	31.7	28.2	25.4	
29				54.6	45.5	39.0	34.2	30.4	27.3	
30				58.5	48.8	41.8	36.6	32.5	29.3	
31				64.5	53.8	46.1	40.3	35.8	32.3	
32					58.8	50.4	44.1	39.2	35.3	
33					63.8	54.7	47.9	42.5	38.3	
34						59.0	51.6	45.9	41.3	
35						63.3	55.4	49.2	44.3	
36							59.2	52.6	47.3	
37							62.9	55.9	50.3	
38								59.3	53.4	
39								62.6	56.4	
40									59.4	

**Gandy Row Applicator (7-inch Ro-bander)
Far - Go
Monsanto**

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	Pounds Per Broadcast Acre									
9	9.5									
10	11.6									
11	14.7	9.7								
12	17.8	11.9	8.9							
13		14.0	10.5							
14		16.0	12.0	9.6						
15			13.6	10.9	9.1					
16			15.9	12.7	10.6	9.1				
17				14.6	12.2	10.4	9.1			
18				16.4	13.7	11.7	10.3	9.1		
19					15.2	13.0	11.4	10.1	9.1	
20					16.8	14.4	12.6	11.2	10.1	
21						16.2	14.2	12.6	11.4	
22							15.9	14.1	12.7	
23							17.5	15.6	14.0	
24								17.0	15.3	
25									16.6	

**Lasso 11
Monsanto**

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	Pounds Per Broadcast Acre									
7	10.6									
8	12.9									
9	16.9									
10	21.3	14.2								
11	25.4	16.9	12.7							
12	30.5	20.3	15.3							
13		23.7	17.8	14.2						
14		27.3	20.5	16.4	13.6					
15			23.1	18.5	15.4					
16			25.7	20.5	17.1	14.7				
17			28.5	22.8	19.0	16.3	14.3			
18				25.4	21.2	18.2	15.9	14.1		
19				28.3	23.6	20.2	17.7	15.7	14.2	
20					26.5	22.7	19.9	17.6	15.9	
21					29.3	25.1	21.9	19.5	17.6	
22						27.6	24.1	21.4	19.3	
23							26.4	23.5	21.2	
24							28.7	25.6	23.0	
25								28.0	25.3	

Ordram 10G

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	Pounds Per Broadcast Acre									
11	18.2									
12	23.2									
13	28.2	18.8								
14	33.2	22.1								
15		25.4	19.1							
16		30.0	22.5	18.0						
17		34.7	26.0	20.8						
18			29.5	23.6	19.7					
19			33.0	26.4	22.0	18.9				
20				29.3	24.4	20.9	18.3			
21				33.5	27.9	23.9	20.9	18.6		
22					31.4	26.9	23.5	20.9	18.8	
23						30.0	26.3	23.3	21.0	
24						32.9	28.8	25.6	23.1	
25							31.4	27.9	25.1	
26								30.8	27.7	
27								33.7	30.3	
28									32.9	

**Gandy Row Applicator (7-inch Ro-bander)
Norosac 10G (Gordon)**

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	Pounds Per Broadcast Acre									
32	72.8									
33	79.5									
34	86.2									
35	92.9									
36	98.8									
37	104.6	69.7								
38	110.4	73.6								
39	116.2	77.5								
40	122.0	81.4								
41	132.7	88.5	66.4							
42	143.5	95.6	71.7							
43	154.2	102.8	77.1							
44	164.9	109.9	82.4	66.0						
45	175.6	117.1	87.8	70.2						
46	186.3	124.2	93.2	74.5						
47	197.0	131.4	98.5	78.8						
48	207.7	138.5	103.9	83.1	69.3					
49		145.6	109.2	87.4	72.8					
50		152.8	114.6	91.7	76.4					
51		162.9	122.2	97.7	81.4	69.8				
52		173.0	129.7	103.8	86.5	74.1				
53		183.1	137.3	109.8	91.5	78.5	68.7			
54		193.2	144.9	115.9	96.6	82.8	72.4			
55		203.3	152.5	122.0	101.6	87.1	76.2	67.8		
56			160.0	128.0	106.7	91.4	80.0	71.1		
57			167.6	134.1	111.7	95.8	83.8	74.5	67.0	
58			175.2	140.1	116.8	100.1	87.6	77.9	70.1	
59			182.8	146.2	121.8	104.4	91.4	81.2	73.1	
60			190.3	152.3	126.9	108.8	95.2	84.6	76.1	
65			224.3	179.4	149.5	128.2	112.2	99.7	89.7	
70				206.6	172.2	147.6	129.1	114.8	103.3	
75					194.8	167.0	146.1	129.9	116.9	
80					217.5	186.4	163.1	145.0	130.5	

**Norosac 4G
PBI Gordon**

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	Pounds Per Broadcast Acre									
17	34.1									
18	38.2									
19	42.2									
20	46.3									
21	51.6	34.4								
22	57.0	38.0								
23	62.3	41.5								
24	67.6	45.1	33.8							
25	73.0	48.6	36.5							
26	80.1	53.4	40.0							
27	87.2	58.1	43.6	34.9						
28	94.3	62.9	47.1	37.7						
29	101.4	67.6	50.7	40.6	33.8					
30	108.5	72.3	54.3	43.4	36.2					
31	116.9	78.0	58.5	46.8	39.0	33.4				
32	125.3	83.6	62.7	50.1	41.8	35.8				
33	133.8	89.2	66.9	53.5	44.6	38.2	33.4			
34	142.2	94.8	71.1	56.9	47.4	40.6	35.5			
35	150.6	100.4	75.3	60.2	50.2	43.0	37.7	33.5		
36	160.9	107.3	80.4	64.4	53.6	46.0	40.2	35.8		
37	171.2	114.1	85.6	68.5	57.1	48.9	42.8	38.0	34.2	
38	181.5	121.0	90.7	72.6	60.5	51.9	45.4	40.3	36.3	
39	191.8	127.8	95.9	76.7	63.9	54.8	47.9	42.6	38.4	
40	202.0	134.7	101.0	80.8	67.4	57.7	50.5	44.9	40.4	
41	216.5	144.4	108.3	86.6	72.2	61.9	54.1	48.1	43.3	
42	231.0	154.0	115.5	92.4	77.0	66.0	57.8	51.3	46.2	
43	245.5	163.7	122.8	98.2	81.8	70.2	61.4	54.6	49.1	
44	260.0	173.4	130.0	104.0	86.7	74.3	65.0	57.8	52.0	
45	274.5	183.0	137.3	109.8	91.5	78.4	68.6	61.0	54.9	
46	289.0	192.7	144.5	115.6	96.3	82.6	72.3	64.2	57.8	
47	303.5	202.4	151.8	121.4	101.2	86.7	75.9	67.5	60.7	
48	318.0	212.0	159.0	127.2	106.0	90.9	79.5	70.7	63.6	
49	332.5	221.7	166.3	133.0	110.8	95.0	83.1	73.9	66.5	
50	347.0	231.4	173.5	138.8	115.7	99.2	86.8	77.1	69.4	
51	363.5	242.3	181.7	145.4	121.2	103.9	90.9	80.8	72.7	
52	380.0	253.3	190.0	152.0	126.7	108.6	95.0	84.4	76.0	
53	396.4	264.3	198.2	158.6	132.1	113.3	99.1	88.1	79.3	
54	412.9	275.3	206.4	165.2	137.6	118.0	103.2	91.8	82.6	
55	429.3	286.2	214.7	171.7	143.1	122.7	107.3	95.4	85.9	
56	445.8	297.2	222.9	178.3	148.6	127.4	111.5	99.1	89.2	
57	462.3	308.2	231.1	184.9	154.1	132.1	115.6	102.7	92.5	
58	478.7	319.2	239.4	191.5	159.6	136.8	119.7	106.4	95.7	
59	495.2	330.1	247.6	198.1	165.1	141.5	123.8	110.0	99.0	
60	511.7	341.1	255.8	204.7	170.6	146.2	127.9	113.7	102.3	
65		372.4	279.3	223.5	186.2	159.6	139.7	124.1	111.7	
70		403.8	302.8	242.3	201.9	173.0	151.4	134.6	121.1	
75		435.1	326.3	261.1	217.6	186.5	163.2	145.0	130.5	
80		466.4	349.8	279.9	233.2	199.9	174.9	155.5	139.9	

Gandy Row Applicator (7-inch Ro-bander)

Gandy Row Applicator (7-inch Ro-bander)
Norsack 10G
Gordon

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	<u>Pounds Per Broadcast Acre</u>									
32	72.8									
33	79.5									
34	86.2									
35	92.9									
36	98.8									
37	104.6	69.7								
38	110.4	73.6								
39	116.2	77.5								
40	122.0	81.4								
41	132.7	88.5	66.4							
42	143.5	95.6	71.7							
43	154.2	102.8	77.1							
44	164.9	109.9	82.4	66.0						
45	175.6	117.1	87.8	70.2						
46	186.3	124.2	93.2	74.5						
47	197.0	131.4	98.5	78.8						
48	207.7	138.5	103.9	83.1	69.3					
49		145.6	109.2	87.4	72.8					
50		152.8	114.6	91.7	76.4					
51		162.9	122.2	97.7	81.4	69.8				
52		173.0	129.7	103.8	86.5	74.1				
53		183.1	137.3	109.8	91.5	78.5	68.7			
54		193.2	144.9	115.9	96.6	82.8	72.4			
55		203.3	152.5	122.0	101.6	87.1	76.2	67.8		
56			160.0	128.0	106.7	91.4	80.0	71.1		
57			167.6	134.1	111.7	95.8	83.8	74.5	67.0	
58			175.2	140.1	116.8	100.1	87.6	77.9	70.1	
59			182.8	146.2	121.8	104.4	91.4	81.2	73.1	
60			190.3	152.3	126.9	108.8	95.2	84.6	76.1	
65			224.3	179.4	149.5	128.2	112.2	99.7	89.7	
70				206.6	172.2	147.6	129.1	114.8	103.3	
75					194.8	167.0	146.1	129.9	116.9	
80					217.5	186.4	163.1	145.0	130.5	

Gandy Row Applicator (7-inch Ro-bander)
XL2G
Dow Elanco

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	<u>Pounds Per Broadcast Acre</u>									
26	72									
27	79									
28	85									
29	91									
30	98									
31	106	71								
32	114	76								
33	122	81								
34	130	87								
35	138	92								
36	150	100	75							
37	161	107	81							
38		115	86							
39		122	92	73						
40		130	98	78						
41		140	105	84						
42		150	112	90	75					
43		159	119	96	80					
44			127	101	85	72				
45			134	107	89	77				
46			141	113	94	81				
47			149	119	99	85	74			
48			156	125	104	89	78			
49				131	109	93	82	73		
50				137	114	98	85	76		
51				144	120	103	90	80	72	
52				151	126	108	94	84	76	
53					132	113	99	88	79	
54					138	118	104	92	83	
55					144	123	108	96	86	
56					150	129	113	100	90	
57						134	117	104	94	
58						139	122	108	97	
59						144	126	112	101	
60						149	131	116	105	
65						165	144	128	116	
70							158	141	127	
75								153	138	
80									149	

Princep 4G
Geigy

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	<u>Pounds Per Broadcast Acre</u>									
20	50.1									
21	54.9									
22	59.3									
23	63.7									
24	68.0									
25	72.5	48.3								
26	76.8	51.2								
27	81.4	54.2								
28	85.8	57.2								
29	90.5	60.4								
30	95.5	63.8	47.8							
31	112.4	75.0	56.2	45.0						
32	130.9	87.3	65.5	52.4						
33		99.6	74.7	59.8	49.8					
34		111.7	83.8	67.0	55.9	47.9				
35		124.3	93.1	74.6	62.1	53.3	46.6			
36		130.4	102.3	81.8	68.2	58.4	51.2			
37			111.4	89.1	74.7	63.6	55.7	49.5		
38			120.4	96.4	80.3	68.8	60.2	53.5	48.2	
39			129.6	103.1	86.4	74.1	64.8	57.6	51.9	
40				111.4	92.8	79.6	69.6	61.9	55.7	
45				135.9	111.8	97.1	83.5	75.5	68.0	
50					134.2	115.0	100.6	89.5	80.5	
55						132.9	118.2	103.3	93.0	
60							132.1	117.4	105.7	
65								122.7	110.4	
70								128.0	115.2	
75									120.0	
80									125.0	

Ramrod 20G
Monsanto

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	<u>Pounds Per Broadcast Acre</u>									
11	16.3									
12	20.0									
13	23.4									
14	27.5	18.3								
15	32.8	21.9								
16		25.5	19.1							
17		28.4	21.3							
18		31.6	23.7	19.0						
19			26.3	21.0						
20			29.4	23.5	19.6					
21			33.5	26.8	22.3	19.1				
22				29.0	24.2	20.7	18.1			
23				32.0	26.7	22.9	20.0			
24					28.8	24.7	21.6	19.2		
25					31.9	27.3	23.9	21.3	19.1	
26						29.7	26.0	23.1	20.8	
27						32.1	28.1	25.0	22.5	
28							30.6	27.2	24.5	
29							33.1	29.4	26.5	
30								31.6	28.4	
31									30.5	
32									32.8	

Gandy Row Applicator (7-inch Ro-bander)
Ronstar G 2%
Rhone-Poulenc

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	<u>Pounds Per Broadcast Acre</u>									
27	95									
28	102									
29	108									
30	115									
31	126									
32	137									
33	148	98								
34	159	106								
35	169	113								
36	180	120								
37	191	127	95							
38	202	134	101							
39		142	106							
40		149	112	90	75					
45		200	150	120	100	86				
50		252	189	151	126	108	95	84		
55			227	181	151	129	113	101	91	
60				212	176	151	132	118	106	
65					199	170	149	132	119	
70					221	189	166	147	133	
75						197	172	153	130	
80						204	178	158	143	

Sutazine + 18-6G
Zeneca

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	<u>Pounds Per Broadcast Acre</u>									
10	11.9									
11	15.6	10.4								
12	19.2	12.8								
13	23.0	15.3	11.5							
14	27.0	18.0	13.5							
15		20.4	15.3	12.3						
16		24.0	18.0	14.4						
17			20.8	16.6	13.8					
18			23.3	18.6	15.5					
19				20.8	17.3	14.9				
20				23.0	19.2	16.4	14.4			
21					21.7	18.6	16.3	14.4		
22					24.3	20.9	18.3	16.2	14.6	
23						23.0	20.1	17.9	16.1	
24						25.3	22.1	19.7	17.7	
25							24.1	21.4	19.3	
26								23.7	21.3	
27									23.3	

Treflan TR-10
Dow Elanco

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	<u>Pounds Per Broadcast Acre</u>									
5	4.6									
6	7.0	4.7								
7	9.5	6.3	4.7							
8	12.5	8.3	6.3	5.0	4.2					
9		10.4	7.8	6.2	5.2	4.4				
10			9.3	7.4	6.2	5.3	4.7	4.1		
11			11.4	9.1	7.6	6.5	5.7	5.1	4.6	
12				10.8	9.0	7.7	6.7	6.0	5.4	
13					10.3	8.9	7.8	6.9	6.2	
14						10.0	8.8	7.8	7.0	
15							9.8	8.7	7.9	
16							11.3	10.1	9.1	
17									10.3	

Gandy Row Applicator (7-inch Ro-bander)
Treflan QR5
Dow Elanco

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	<u>Pounds Per Broadcast Acre</u>									
7	9.4									
8	17.8	11.8								
9	26.0	17.3	13.0							
10		22.9	17.2	13.8						
11		29.1	21.8	17.5	14.6					
12			26.5	21.2	17.6	15.1				
13				24.9	20.7	17.8	15.5	13.8		
14				28.6	23.8	20.4	17.9	15.9	14.3	
15					26.9	23.0	20.2	17.9	16.1	
16						27.0	23.6	21.0	18.9	
17							27.1	24.0	21.6	
18								27.1	24.4	
19									27.1	

Team 2G
Dow Elanco

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	<u>Pounds Per Broadcast Acre</u>									
26	74									
27	81									
28	87									
29	94									
30	101									
31	109	72								
32	117	78								
33	125	83								
34	133	88								
35	141	94	70							
36	152	101	76							
37		109	82							
38		116	87							
39		124	93	74						
40		132	99	79						
41		142	106	85	71					
42		152	114	91	76					
43			121	97	81					
44			129	103	86	74				
45			136	109	91	78				
46			144	115	96	82	72			
47			152	121	101	87	76			
48				127	106	91	80			
49				133	111	95	83	74		
50				139	116	100	87	77		
51				147	122	105	92	82	73	
52				154	129	110	96	86	77	
53					135	116	101	90	81	
54					141	121	106	94	85	
55					147	126	111	98	88	
56					154	132	115	102	92	
57						137	120	107	96	
58						142	125	111	100	
59						148	129	115	103	
60						153	134	119	107	
65							147	131	118	
70							160	143	129	
75								155	139	
80									150	

Gandy Row Applicator (5-inch Ro-bander)
Avadex 10G
Monsanto

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	<u>Pounds Per Broadcast Acre</u>									
10	27.2	18.1								
11	33.2	22.1								
12		26.2	19.6							
13		30.2	22.7	18.1						
14		34.2	25.6	20.5						
15			28.7	22.9	19.1					
16			33.2	26.6	22.1	19.0				
17				30.1	25.2	21.5	18.9			
18				33.7	28.1	24.1	21.1	18.7		
19					31.1	26.7	23.4	20.8	18.7	
20					34.2	29.3	25.6	22.8	20.5	
21						32.5	28.4	25.3	22.8	
22							31.4	27.9	25.0	
23								30.4	27.3	
24								32.9	29.5	
25									31.9	

Avadex BW
Monsanto

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	<u>Pounds Per Broadcast Acre</u>									
7	9.7									
8	14.0	9.3								
9	17.2	11.4	8.6							
10	20.2	13.4	10.1	8.1						
11		16.6	12.4	9.9	8.3					
12		19.8	14.9	11.9	9.9	8.3				
13			17.3	13.9	11.6	9.9	8.7			
14				15.7	13.1	11.2	9.8	8.7		
15				17.5	14.6	12.5	10.9	9.7	8.8	
16					16.9	14.5	12.7	11.3	10.2	
17						19.3	16.5	14.4	12.8	11.6
18							18.5	16.2	14.4	13.0
19								17.9	15.9	14.4
20									17.5	15.8
21									19.8	17.8
22										19.7

Balan 2.5G
Dow Elanco

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	<u>Pounds Per Broadcast Acre</u>									
10	34									
11	48									
12	60	41								
13	73	49	36							
14	87	57	43							
15	101	67	50	41						
16	111	74	56	45						
17	120	81	60	49	41					
18	132	88	66	53	43					
19		95	71	57	48	41				
20		102	76	62	50	43				
21		113	85	69	57	49	43			
22		126	95	76	63	55	48	42		
23			104	83	69	59	52	46	42	
24			113	91	76	64	57	50	45	
25			122	98	81	70	62	55	49	
26				108	90	77	67	60	55	
27				118	98	84	74	66	59	
28				127	106	91	80	71	64	
29					115	98	85	77	69	
30					123	105	92	81	74	
31						115	101	90	81	
32						125	109	98	88	
33							119	105	95	
34							127	113	102	
35								120	109	
36								129	116	
37									123	

Gandy Row Applicator (5-inch Ro-bander)
Betasan 3.6G
Zeneca

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	<u>Pounds Per Broadcast Acre</u>									
37	262.5									
38	282.7									
39	296.1									
40	320.3									
45	399.0	266.0								
50		328.1	246.1							
55		384.9	288.7							
60			330.8	264.6						
65			381.5	305.2	254.3					
70				352.8	294.0	252.0				
75					329.5	282.4	247.1			
80					369.0	316.3	276.7	246.0	221.4	

Betasan 12.5G
Zeneca

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	<u>Pounds Per Broadcast Acre</u>									
19	70.0									
20	82.3									
21	87.3									
22	95.2									
23	105.0									
24		78.8								
25		88.1								
26		95.2								
27		103.6	77.7							
28			84.0							
29			90.3							
30			95.4	76.3						
31			101.9	81.5						
32				86.8						
33				92.7	77.2					
34				98.6	82.1					
35				105.0	87.5	75.0				
36					93.3	80.0				
37					98.7	84.6				
38					105.0	90.0	78.7			
39						92.0	80.5			
40						99.8	87.3	77.6	69.8	
45						124.6	109.0	96.9	87.2	
50								131.4	118.3	

Dual 11-G
Novartis

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	<u>Pounds Per Broadcast Acre</u>									
5	4.4									
6	7.4	4.9								
7	10.3	6.9	5.2							
8	15.1	10.0	7.5	6.0	5.0					
9	19.8	13.2	9.9	7.9	6.6	5.7	5.0			
10		16.4	12.3	9.8	8.2	7.0	6.1	5.5	4.9	
11			15.1	12.1	10.1	8.6	7.6	6.7	6.1	
12			18.0	14.4	12.0	10.3	9.0	8.0	7.2	
13				16.7	13.9	11.9	10.4	9.3	8.3	
14					15.8	13.5	11.8	10.5	9.5	
15					17.7	15.2	13.3	11.8	10.6	
16						17.6	15.4	13.7	12.3	
17							17.6	15.6	14.1	
18								17.5	15.8	
19									17.5	

Gandy Row Applicator (5-inch Ro-bander)
Dyelomec 4G
Gordon

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	Pounds Per Broadcast Acre									
26	96.3									
27	105.2									
28	114.0									
29	122.9									
30	131.8									
31	144.5	96.3								
32	157.1	104.8								
33	169.8	113.2								
34	182.5	121.6								
35	195.1	130.1	97.6							
36	211.1	140.8	105.6							
37	227.2	151.4	113.6							
38	243.2	162.1	121.6	97.3						
39	259.2	172.8	129.6	103.7						
40	275.2	183.5	137.6	110.1						
41	295.3	196.9	147.7	118.1	98.5					
42	315.5	210.3	157.7	126.2	105.2					
43	335.6	223.7	167.8	134.2	111.9	95.9				
44	355.7	237.1	177.9	142.3	118.6	101.6				
45	375.8	250.5	187.9	150.3	125.3	107.4				
46	395.9	264.0	198.0	158.4	132.0	113.1	99.0			
47	416.1	277.4	208.0	166.4	138.7	118.9	104.0			
48	436.2	290.8	218.1	174.5	145.4	124.6	109.0	96.9		
49	456.3	304.2	228.2	182.5	152.1	130.4	114.1	101.4		
50	476.4	317.6	238.2	190.6	158.8	136.1	119.1	105.9		
51	496.4	331.0	248.2	198.6	165.5	141.8	124.1	110.3	99.3	
52	516.5	344.3	258.2	206.6	172.2	147.6	129.1	114.8	103.3	
53		357.7	268.3	214.6	178.8	153.3	134.1	119.2	107.3	
54		371.0	278.3	222.6	185.5	159.0	139.1	123.7	111.3	
55		384.4	288.3	230.6	192.2	164.7	144.2	128.1	115.3	
56		397.7	298.3	238.7	198.9	170.5	149.2	132.6	119.3	
57		411.1	308.3	246.7	205.6	176.2	154.2	137.0	123.3	
58		424.5	318.3	254.7	212.2	181.9	159.2	141.5	127.3	
59		437.8	328.4	262.7	218.9	187.6	164.2	145.9	131.3	
60		451.2	338.4	270.7	225.6	193.4	169.2	150.4	135.4	
65		482.6	362.0	289.6	241.3	206.8	181.0	160.9	144.8	
70		514.0	385.5	308.4	257.0	220.3	192.8	171.3	154.2	
75			409.1	327.3	272.7	233.8	204.5	181.8	163.6	
80			432.7	346.1	288.4	247.2	216.3	192.3	173.1	

Gandy Row Applicator (5-inch Ro-bander)
Far-Go
Monsanto

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	Pounds Per Broadcast Acre									
7	7.4									
8	10.4									
9	13.3	8.8								
10	16.2	10.8	8.1							
11		13.7	10.3	8.2						
12		16.6	12.5	10.0	8.3					
13			14.7	11.7	9.8	8.4				
14			16.8	13.5	11.2	9.6	8.4			
15				15.2	12.7	10.9	9.5	8.5		
16				17.8	14.8	12.7	11.1	9.9	8.9	
17					17.0	14.6	12.8	11.3	10.2	
18						16.4	14.4	12.8	11.5	
19							16.0	14.2	12.8	
20								15.7	14.1	
21								17.7	15.9	
22									17.8	

Lasso II
Monsanto

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	Pounds Per Broadcast Acre									
7	14.9									
8	18.1	12.0								
9	23.8	15.8								
10	29.8	19.8	14.9							
11		23.7	17.8	14.2						
12		28.5	21.4	17.1	14.2					
13			24.9	19.9	16.6	14.2				
14			28.6	22.9	19.1	16.4	14.3			
15				25.9	21.6	18.5	16.2	14.4		
16				28.8	24.0	20.5	18.0	16.0	14.4	
17					26.6	22.8	20.0	17.7	16.0	
18					29.7	25.4	22.2	19.8	17.8	
19						28.3	24.8	22.0	19.8	
20							27.8	24.7	22.2	
21								27.3	24.6	
22									27.0	

Eptam 10G
Zeneca

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	Pounds Per Broadcast Acre									
10	19.3									
11	24.4									
12	29.4	19.6								
13	34.6	23.0								
14	39.6	26.3	19.7							
15	44.7	29.8	22.4	17.9						
16		34.6	25.9	20.7						
17		39.3	29.5	23.7	19.7					
18		44.1	33.0	26.5	22.2	18.9				
19			36.7	29.4	24.5	21.0	18.3			
20			40.3	32.2	26.9	23.0	20.2	17.9		
21			45.9	36.7	30.7	26.2	23.0	20.4	18.3	
22				41.3	34.4	29.4	25.8	23.0	20.6	
23					38.2	32.8	28.6	25.5	23.0	
24					41.9	36.0	31.5	28.0	25.2	
25						39.2	34.3	30.5	27.4	
26						43.0	37.7	33.5	30.1	
27							41.0	36.5	32.9	
28								39.5	35.6	
29								42.6	38.2	
30									41.0	

Gandy Row Applicator (5-inch Ro-Bander)
Norosac 4G (Gordon)

Gauge	<u>Miles Per Hour</u>									
	2	3	4	5	6	7	8	9	10	
	<u>Pounds Per Broadcast Acre</u>									
14	32.1									
15	36.4									
16	42.1									
17	47.8	31.8								
18	53.4	35.6								
19	59.1	39.4								
20	64.8	43.2	32.4							
21	72.3	48.2	36.1							
22	79.7	53.2	39.9							
23	87.2	58.1	43.6	34.9						
24	94.6	63.1	47.3	37.9						
25	102.1	68.1	51.1	40.8	34.0					
26	112.1	74.7	56.0	44.8	37.4					
27	122.0	81.3	61.0	48.8	40.7	34.9				
28	132.0	88.0	66.0	52.8	44.0	37.7	33.0			
29	141.9	94.6	71.0	56.8	47.3	40.5	35.5			
30	151.8	101.2	75.9	60.7	50.6	43.4	38.0	33.7		
31	163.6	109.1	81.8	65.5	54.5	46.8	40.9	36.4	32.7	
32	175.4	116.9	87.7	70.2	58.5	50.1	43.9	39.0	35.1	
33	187.2	124.8	93.6	74.9	62.4	53.5	46.8	41.6	37.4	
34	199.0	132.7	99.5	79.6	66.3	56.9	49.7	44.2	39.8	
35	210.8	140.5	105.4	84.3	70.3	60.2	52.7	46.8	42.2	
36	225.2	150.1	112.6	90.1	75.1	64.3	56.3	50.0	45.0	
37	239.6	159.7	119.8	95.8	79.9	68.4	59.9	53.2	47.9	
38	254.0	169.3	127.0	101.6	84.7	72.6	63.5	56.4	50.8	
39	268.4	178.9	134.2	107.3	89.5	76.7	67.1	59.6	53.7	
40	282.7	188.5	141.4	113.1	94.3	80.8	70.7	62.8	56.6	
41	303.0	202.0	151.5	121.1	101.0	86.6	75.8	67.3	60.6	
42	323.3	215.6	161.7	129.3	107.8	92.4	80.8	71.9	64.7	
43	343.6	229.1	171.8	137.5	114.5	98.2	85.9	76.4	68.7	
44	363.9	242.6	182.0	145.6	121.3	104.0	91.0	80.9	72.8	
45	384.2	256.1	192.1	153.7	128.1	109.8	96.1	85.4	76.8	
46	404.5	269.7	202.2	161.8	134.8	115.6	101.1	89.9	80.9	
47	424.8	283.2	212.4	169.9	141.6	121.4	106.2	94.4	85.0	
48	445.1	296.7	222.5	178.0	148.4	127.2	111.3	98.9	89.0	
49	465.4	310.2	232.7	186.1	155.1	133.0	116.3	103.4	93.1	
50	485.6	323.8	242.8	194.3	161.9	138.8	121.4	107.9	97.1	
51	508.7	339.1	254.3	203.5	169.6	145.3	127.2	113.0	101.7	
52		354.5	265.9	212.7	177.2	151.9	132.9	118.2	106.3	
53		369.8	277.4	221.9	184.9	158.5	138.7	123.3	111.0	
54		385.2	288.9	231.1	192.6	165.1	144.5	128.4	115.6	
55		400.6	300.4	240.3	200.3	171.7	150.2	133.5	120.2	
56		415.9	311.9	249.6	208.0	178.3	156.0	138.6	124.8	
57		431.3	323.5	258.8	215.6	184.8	161.7	143.8	129.4	
58		446.6	335.0	268.0	223.3	191.4	167.5	148.9	134.0	
59		462.0	346.5	277.2	231.0	198.0	173.3	154.0	138.6	
60		477.4	358.0	286.4	238.7	204.6	179.0	159.1	143.2	
65		521.2	390.9	312.7	260.6	223.4	195.5	173.7	156.4	
70			423.8	339.0	282.5	242.2	211.9	188.4	169.5	
75			456.7	365.3	304.5	261.0	228.3	203.0	182.7	
80			489.6	391.7	326.4	279.8	244.8	217.6	195.8	

Gandy Row Applicator (5-inch Ro-Bander)
Norosac 10G
Gordon

Gauge	<u>Miles Per Hour</u>									
	2	3	4	5	6	7	8	9	10	
	<u>Pounds Per Broadcast Acre</u>									
30	83.2									
31	92.6									
32	101.9	68.0								
33	111.3	74.2								
34	120.7	80.5								
35	130.1	86.7								
36	138.2	92.1	69.1							
37	146.3	97.6	73.2							
38	154.5	103.0	77.2							
39	162.6	108.4	81.3							
40	170.8	113.8	85.4	68.3						
41	185.8	123.8	92.9	74.3						
42	200.8	133.8	100.4	80.3	66.9					
43		143.8	107.9	86.3	71.9					
44		153.8	115.4	92.3	76.9	65.9				
45		163.8	122.9	98.3	81.9	70.2				
46		173.8	130.4	104.3	86.9	74.5				
47		183.8	137.9	110.3	91.9	78.8	68.9			
48		193.8	145.4	116.3	96.9	83.1	72.7			
49		203.8	152.9	122.3	101.9	87.4	76.4	67.9		
50			160.4	128.3	106.9	91.6	80.2	71.3		
51			171.0	136.8	114.0	97.7	85.5	76.0	68.4	
52			181.6	145.2	121.0	103.7	90.8	80.7	72.6	
53			192.2	153.7	128.1	109.8	96.1	85.4	76.9	
54			202.8	162.2	135.2	115.9	101.4	90.1	81.1	
55				170.7	142.2	121.9	106.7	94.8	85.3	
56				179.2	149.3	128.0	112.0	99.5	89.6	
57				187.6	156.4	134.0	117.3	104.2	93.8	
58				196.1	163.4	140.1	122.6	109.0	98.1	
59				204.6	170.5	146.1	127.9	113.7	102.3	
60					177.6	152.2	133.2	118.4	106.5	
65					209.3	179.4	157.0	139.5	125.6	
70						206.5	180.7	160.6	144.6	
75							204.5	181.8	163.6	
80								202.9	182.6	

Princep 4G
Geigy

Gauge	<u>Miles Per Hour</u>									
	2	3	4	5	6	7	8	9	10	
	<u>Pounds Per Broadcast Acre</u>									
17	46.4									
18	54.4									
19	62.0									
20	70.0	46.7								
21	76.6	51.1								
22	82.8	55.2								
23	89.0	59.3								
24	95.2	63.5	47.6							
25	101.2	67.5	50.6							
26	107.2	71.5	53.6							
27	113.6	75.7	56.8							
28	119.8	79.9	59.9	47.9						
29	126.4	84.3	63.2	50.6						
30		88.9	66.7	53.4	44.5					
31		104.7	78.5	62.8	52.3	44.9				
32		121.9	91.4	73.1	60.9	52.2	45.7			
33		139.1	104.3	83.4	69.5	59.6	52.2	45.7		
34			117.0	93.6	78.0	66.9	58.5	52.0	46.8	
35			130.0	104.0	86.7	74.3	65.0	57.8	52.0	
36				114.2	95.2	81.6	71.4	63.5	57.1	
37				124.4	103.7	88.9	77.8	69.1	62.2	
38				134.6	112.1	96.1	84.1	74.8	67.3	
39					120.7	103.4	90.5	80.4	72.4	
40					129.6	111.1	97.2	86.4	77.8	
45						135.5	118.6	105.4	94.9	
50							140.5	124.9	112.4	
55								144.3	129.8	

Ordram 10G

Gauge	<u>Miles Per Hour</u>									
	2	3	4	5	6	7	8	9	10	
	<u>Pounds Per Broadcast Acre</u>									
10	18.4									
11	25.4	16.9								
12	32.4	21.6								
13		26.3	19.7							
14		30.9	23.2	18.6						
15		35.6	26.7	21.4	17.8					
16			31.5	25.2	21.0	18.0				
17				29.1	24.3	20.8	18.2			
18				33.0	27.5	23.6	20.7	18.4		
19					30.8	26.4	23.1	20.5	18.5	
20					34.1	29.3	25.6	22.8	20.5	
21						33.5	29.3	26.0	23.4	
22							33.0	29.3	26.4	
23								32.7	29.4	
24									32.3	

Gandy Row Applicator (5-inch Ro-Bander)
Ramrod 20G
Monsanto

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	<u>Pounds Per Broadcast Acre</u>									
10	19.7									
11	22.8									
12	28.0	18.7								
13	32.7	21.8								
14		25.7	19.3							
15		30.6	23.0	18.4						
16		35.7	26.8	21.4						
17			29.9	23.9	19.9					
18			33.2	26.5	22.1	19.0				
19				29.4	24.5	21.0	18.4			
20				32.9	27.4	23.5	20.6	18.3		
21					31.3	26.8	23.4	20.8	18.8	
22						29.0	25.4	22.6	20.3	
23						32.0	28.0	24.9	22.4	
24							30.3	26.9	24.2	
25							33.5	29.8	26.8	
26								32.4	29.1	
27									31.5	

Sutazine + 18-6G
Zeneca

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	<u>Pounds Per Broadcast Acre</u>									
10	16.7									
11	21.9	14.6								
12	26.9	17.9	13.5							
13		21.5	16.1	12.9						
14		25.2	18.9	15.1	12.6					
15			21.5	17.2	14.3	12.3				
16			25.2	20.2	16.8	14.4	12.6			
17				23.2	19.4	16.6	14.5	12.9		
18					21.7	18.6	16.3	14.5		
19					24.3	20.8	18.2	16.2	14.6	
20						23.0	20.1	17.9	16.1	
21							22.8	21.3	18.2	
22								22.7	20.4	
23								25.0	22.5	
24									24.8	

Ronstar G 2%
Rhone-Poulenc

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	<u>Pounds Per Broadcast Acre</u>									
20	69									
21	100									
22	104									
23	107									
24	111									
25	114									
26	124									
27	133									
28	142	95								
29	151	101								
30	161	107								
31	176	117								
32	191	127	96							
33	207	138	103							
34		148	111							
35		158	118	95						
36		168	126	101						
37		178	133	107						
38		188	141	113						
39		198	149	119	99					
40		209	157	125	105	90	78			
45			210	168	140	120	105	93	84	
50				217	176	151	132	118	106	
55					211	181	159	141	127	
60						212	185	165	148	
65							209	185	167	
70								206	186	
75									193	
80									200	

Gandy Row Applicator (5-inch Ro-Bander)
Team 2G
Dow Elanco

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	<u>Pounds Per Broadcast Acre</u>									
22	72									
23	80									
24	87									
25	94									
26	104	69								
27	113	75								
28	122	81								
29	131	88								
30	141	94	70							
31	152	101	76							
32		109	82							
33		116	87							
34		124	93	74						
35		131	99	79						
36		142	106	85	71					
37		152	114	91	76					
38			122	98	82					
39			130	104	87	74				
40			138	110	92	79				
41			149	119	99	85	74			
42			159	127	106	91	80	71		
43				136	113	97	85	75		
44				144	120	103	90	80	72	
45				153	127	109	95	85	76	
46					134	115	101	90	81	
47					141	121	106	94	85	
48					148	127	111	99	89	
49					155	133	117	104	93	
50						139	122	108	98	
51						147	128	114	103	
52						154	135	120	108	
53							142	126	113	
54							148	132	119	
55							155	138	124	
56								143	129	
57								149	134	
58								155	140	
59									145	
60									150	

Tillam 10G
Zeneca

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	<u>Pounds Per Broadcast Acre</u>									
14	42.0									
15	45.5									
16	52.4									
17	58.8	39.2								
18	67.0	44.8								
19		52.3	39.2							
20		60.8	45.6	36.5						
21		68.6	51.5	41.2						
22			57.3	45.9	38.2					
23			63.0	50.4	42.0					
24				55.2	46.0	39.4				
25				60.9	50.8	43.5	38.1			
26				65.7	54.7	46.9	41.0			
27					58.8	50.4	44.1	39.2		
28					63.6	54.5	47.7	42.4	38.2	
29						59.2	51.8	46.0	41.4	
30						65.0	56.9	50.6	45.5	
31							61.3	54.4	49.0	
32								59.1	53.2	
33								63.8	57.4	
34									61.9	

Treflan QR5
Dow Elanco

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	<u>Pounds Per Broadcast Acre</u>									
7	13.2	8.8								
8	24.9	16.6	12.4							
9	36.4	24.3	18.2	14.6	12.1					
10		32.1	24.1	19.3	16.1	13.8	12.0			
11			30.6	24.4	20.4	17.5	15.3	13.6		
12				29.6	24.7	21.2	18.5	16.5	14.8	
13					29.0	24.9	21.8	19.3	17.4	
14						28.6	25.0	22.2	20.0	
15							28.2	25.1	22.6	
16								29.4	26.5	
17									30.3	

Gandy Row Applicator (5-inch Ro-Bander)
Treflan TR-10
Dow Elanco

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	Pounds Per Broadcast Acre									
5	6.4	4.3								
6	9.8	6.6	4.9	3.9						
7	13.3	8.8	6.6	5.3	4.4					
8		11.7	8.8	7.0	5.8	5.0	4.4			
9			10.88	8.7	7.3	6.2	5.4	4.8	4.4	
10				10.4	8.7	7.4	6.5	5.8	5.2	
11					10.6	9.1	8.0	7.1	6.4	
12						10.7	9.4	8.4	7.5	
13							10.9	9.6	8.7	
14								10.9	9.8	
15									11.0	

Vernam 10G
Zeneca

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	Pounds Per Broadcast Acre									
10	20.2									
11	25.2									
12	29.4	19.6								
13	37.1	24.7	18.6							
14		29.8	22.4	17.9						
15		34.4	25.8	20.7						
16			29.4	23.5	19.6					
17			33.2	26.5	22.1	19.0				
18				30.5	25.4	21.8	19.0			
19				33.9	28.3	24.2	21.2	18.8		
20					31.2	26.8	23.4	20.8	18.7	
21						29.6	25.9	23.0	20.7	
22						33.2	29.0	25.8	23.2	
23							32.6	29.0	26.1	
24								32.0	28.8	
25									31.7	

XL2G
Dow Elanco

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	Pounds Per Broadcast Acre									
22	70									
23	77									
24	85									
25	92									
26	101									
27	110	73								
28	119	79								
29	128	85								
30	137	91								
31	148	99	74							
32	160	106	80							
33		114	85							
34		122	91	73						
35		129	97	77						
36		140	105	84	70					
37		150	113	90	75					
38			121	97	80					
39			129	103	86	73				
40			136	109	91	78				
41			147	117	98	84	73			
42			157	126	105	90	78			
43				134	111	96	84	73		
44				142	118	101	89	79	71	
45				150	125	107	94	83	75	
46					132	113	99	88	79	
47					139	119	104	93	83	
48					146	125	109	97	87	
49					152	131	114	102	91	
50						137	119	106	96	
51						144	126	112	101	
52						151	132	117	106	
53							138	123	111	
54							145	129	116	
55							151	134	121	
56								140	126	
57								146	131	
58								151	136	
59									141	
60									146	
65										162

In-The- Row Pesticides One Opening Per Row

Directions:

1. Find rate in ounces per 1,000 feet of row. If your rate is only given in pounds per acre for a specific row spacing, refer to the chart at the bottom of page. Under the given row spacing, go down the column to your desired rate, then left to your rate in ounces per 1,000 feet of row.
2. On the chart for your chemical, go down the column under your planting speed to your rate, then left to the proper gauge setting for your speed. Row spacing makes no difference.

Pounds t Buy:

To determine the pounds of chemical to buy for a given area:

Go down left column to your rate in ounces per 1,000 feet of row.

Go to the number in the column under your row spacing.

Multiply this number by the total number of acres to be treated.

Pound of Granules Required Per Acre, for Various Row Spacing's											
Ounces Per Thousand Feet of Row	Row Spacing, with lineal feet of row per acre below.										
	20"	22"	24"	26"	28"	30"	32"	34"	36"	38"	40"
	26.136	23.760	21.780	20.104	18.668	17.424	16.335	15.374	14.520	13.756	13.068
1	1.64	1.49	1.36	1.26	1.17	1.08	1.02	.96	.91	.86	.82
2	3.27	2.97	2.72	2.51	2.33	2.18	2.04	1.92	1.82	1.72	1.63
3	4.90	4.46	4.09	3.77	3.50	3.27	3.07	2.89	2.73	2.59	2.45
4	6.54	5.94	5.45	5.03	4.67	4.36	4.09	3.85	3.63	3.44	3.27
5	8.17	7.43	6.81	6.28	5.83	5.45	5.10	4.80	4.54	4.30	4.08
6	9.80	8.91	8.17	7.54	7.00	6.53	6.13	5.77	5.45	5.16	4.90
7	11.43	10.40	9.53	8.80	8.17	7.62	7.15	6.73	6.35	6.02	5.72
8	13.07	11.88	10.89	10.05	9.33	8.71	8.17	7.69	7.28	6.88	6.53
9	14.70	13.37	12.25	11.31	10.50	9.80	9.19	8.65	8.17	7.74	7.35
10	16.34	14.85	13.61	12.57	11.67	10.89	10.21	9.61	9.08	8.80	8.17
11	17.97	16.34	14.97	13.62	12.83	11.98	11.23	10.57	9.98	9.46	8.98
12	19.60	17.82	16.34	15.08	14.00	13.07	12.25	11.53	10.89	10.32	9.80
13	21.24	19.31	17.70	16.33	15.17	14.16	13.27	12.49	11.80	11.18	10.62
14	22.87	20.79	19.06	17.59	16.33	15.25	14.29	13.45	12.71	12.04	11.43
15	24.50	22.28	20.42	18.85	17.50	16.34	15.31	14.41	13.61	12.90	12.25
16	26.14	23.76	21.78	20.10	18.67	17.42	16.34	15.37	14.52	13.76	13.07
17	27.77	25.25	23.14	21.36	19.83	18.51	17.36	16.33	15.43	14.62	13.88
18	29.40	26.73	24.50	22.62	21.00	19.60	18.38	17.30	16.34	15.48	14.70
19	31.04	28.22	25.86	23.87	22.17	20.69	19.40	18.26	17.24	16.34	15.52
20	32.67	29.70	27.23	25.13	23.64	21.78	20.42	19.22	18.15	17.20	16.34

- Two openings per row. Set gauge to half indicated rate.

**In-the-row pesticides
Counter 15G
American Cyanamid**

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	<u>Ounces Per 1000 Feet of Row</u>									
11	2.9	1.9	1.4	1.1	1.0	0.9	0.7	0.6	0.6	
12	3.5	2.3	1.7	1.4	1.2	1.0	0.9	0.8	0.7	
13	4.1	2.7	2.0	1.6	1.4	1.2	1.0	0.9	0.8	
14	4.7	3.1	2.3	1.9	1.6	1.3	1.2	1.0	0.9	
15	5.3	3.6	2.6	2.1	1.8	1.5	1.3	1.2	1.1	
16	6.1	4.1	3.1	2.5	2.0	1.8	1.5	1.4	1.2	
17	7.0	4.6	3.5	2.8	2.3	2.0	1.7	1.5	1.4	
18	7.8	5.2	3.9	3.1	2.6	2.2	2.0	1.7	1.8	
19	8.7	6.8	4.3	3.5	2.9	2.6	2.2	1.9	1.7	
20	9.5	5.3	4.7	3.8	3.2	2.7	2.4	2.1	1.9	
21	10.8	7.2	5.4	4.3	3.6	3.1	2.7	2.4	2.2	
22	12.0	8.0	6.0	4.8	4.0	3.4	3.0	2.7	2.4	
23	13.3	8.9	6.7	5.3	4.4	3.8	3.3	3.0	2.7	
24	14.5	9.7	7.3	5.8	4.9	4.2	3.5	3.2	2.9	
25	15.9	10.6	7.9	6.3	5.3	4.5	4.0	3.5	3.2	
26	17.3	11.5	8.6	6.9	5.8	4.9	4.3	3.8	3.5	
27	18.7	12.5	9.4	7.5	6.2	5.3	4.7	4.2	3.7	
28	20.1	13.4	10.1	8.1	6.7	5.8	5.0	4.5	4.0	
29	21.6	14.4	10.8	8.6	7.2	6.2	5.4	4.8	4.3	
30	23.0	15.3	11.5	9.2	7.7	6.6	5.8	5.1	4.6	
31	25.1	16.7	12.6	10.0	8.4	7.2	6.3	5.6	5.0	
32	27.2	18.1	13.6	10.9	9.1	7.8	6.8	6.0	5.4	
33	29.3	19.5	14.7	11.7	9.8	8.4	7.3	6.5	5.9	
34	31.4	21.0	15.7	12.6	10.5	9.0	7.9	7.0	6.3	
35	33.5	22.4	16.8	13.4	11.2	9.6	8.4	7.5	6.7	
36	35.7	23.8	17.8	14.3	11.9	10.2	8.9	7.9	7.1	
37	37.9	25.2	18.9	15.1	12.6	10.8	9.5	8.4	7.5	
38	40.0	26.7	20.0	15.0	13.3	11.4	10.0	8.9	8.0	
39	42.2	29.1	21.1	16.9	14.1	12.1	10.5	9.4	8.4	
40	44.3	29.6	22.2	17.7	14.8	12.7	11.1	9.9	8.9	
41	46.6	31.1	23.3	18.7	15.5	13.3	11.7	10.4	9.3	
42	48.9	32.6	24.5	19.6	16.3	14.0	12.2	10.9	9.8	
43	51.2	34.2	25.6	20.5	17.1	14.6	12.8	11.4	10.2	
44	53.5	35.7	26.8	21.4	17.8	15.3	13.4	11.9	10.7	
45	55.8	37.2	27.9	22.3	18.5	15.9	14.0	12.4	11.2	

**In-the-row pesticides
Dasanit 15G
Mobay**

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	<u>Rate in Ounces per Thousand Feet of Row</u>									
10	3.2									
11	4.0	2.7								
12	5.0	3.3								
13	5.5	3.6								
14	6.0	4.0								
15	6.6	4.4	3.3	2.6						
16	8.0	5.3	4.0	3.2						
17	8.5	5.7	4.3	3.4	2.8					
18	10.0	6.6	5.0	4.0	3.3	2.8				
19	10.5	7.0	5.3	4.2	3.5	3.0	2.6			
20	11.9	7.9	6.0	4.8	4.0	3.4	3.0			
21	13.0	8.7	6.5	5.2	4.3	3.7	3.3	2.9		
22	14.6	9.7	7.3	5.8	4.9	4.2	3.7	3.2	2.9	
23	16.0	10.7	8.0	6.4	5.3	4.6	4.0	3.6	3.2	
24	17.5	11.7	8.8	7.0	5.8	5.0	4.4	3.9	3.5	
25	19.1	12.7	9.5	7.6	6.4	5.4	4.8	4.2	3.8	
26	21.0	14.0	10.5	8.4	7.0	6.0	5.3	4.7	4.2	
27	23.0	15.3	11.5	9.2	7.7	6.6	5.7	5.1	4.6	
28	25.0	16.7	12.5	10.0	8.3	7.1	6.3	5.6	5.0	
29	27.0	18.0	13.5	10.8	9.0	7.7	6.8	6.0	5.4	
30	29.4	19.6	14.7	11.8	9.8	8.4	7.4	6.5	5.9	
31	31.6	21.0	15.8	12.6	10.5	9.0	7.9	7.0	6.3	
32	33.7	22.5	16.9	13.5	11.2	9.6	8.4	7.5	6.7	
33	35.5	23.7	17.8	14.2	11.8	10.1	8.9	7.9	7.1	
34	37.5	25.0	18.8	15.0	12.5	10.7	9.4	8.3	7.5	
35	39.5	26.3	19.8	15.8	13.2	11.3	9.9	8.8	7.9	
36	42.0	28.0	21.0	16.8	14.0	12.0	10.5	9.3	8.4	
37	44.5	29.7	22.3	17.8	14.8	12.7	11.1	9.9	8.9	
38	47.2	31.4	23.6	18.9	15.7	13.5	11.8	10.5	9.4	
39	50.0	33.3	25.0	20.0	16.7	14.3	12.5	11.1	10.0	
40	53.2	35.4	28.6	21.3	17.7	15.2	13.3	11.8	10.6	
45	68.6	45.7	34.3	27.4	22.9	19.6	17.1	15.2	13.7	
50		57.5	43.1	34.5	28.8	24.6	21.6	19.2	17.3	
55		67.4	50.5	40.4	33.7	28.9	25.3	22.5	20.2	
60			58.0	46.4	38.7	33.1	29.0	25.8	23.2	
65				63.5	50.8	42.3	36.3	31.7	28.2	25.4
70					55.3	46.1	39.5	34.5	30.7	27.6
75					57.2	47.7	40.9	35.8	31.8	28.6
80					59.3	49.4	42.3	37.0	32.9	29.6

**Counter CR
American Cyanamid**

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	<u>Ounces Per 1000 Feet of Row</u>									
11	2.9	1.9	1.4	1.2	1.0	0.9	0.7	0.6	0.6	
12	3.8	2.6	1.9	1.5	1.3	1.1	1.0	0.9	0.8	
13	4.8	3.2	2.4	1.9	1.6	1.4	1.2	1.1	1.0	
14	5.7	3.8	2.8	2.3	1.9	1.5	1.4	1.3	1.1	
15	6.6	4.4	3.3	2.7	2.2	1.9	1.7	1.5	1.3	
16	8.0	5.3	4.0	3.2	2.7	2.3	2.0	1.9	1.6	
17	9.4	8.3	4.7	3.6	3.1	2.7	2.4	2.1	1.9	
18	10.8	7.2	5.4	4.3	3.6	3.1	2.7	2.4	2.2	
19	12.2	8.1	6.1	4.9	4.1	3.5	3.0	2.7	2.4	
20	13.6	9.0	6.8	5.4	4.5	3.9	3.4	3.0	2.7	
21	15.4	10.3	7.7	6.2	5.1	4.4	3.9	3.4	3.1	
22	17.3	11.5	8.7	6.9	5.8	4.9	4.3	3.8	3.5	
23	19.2	12.8	9.6	7.7	6.4	5.5	4.8	4.3	3.8	
24	21.1	14.0	10.5	8.4	7.0	6.0	5.3	4.7	4.2	
25	22.9	15.3	11.5	9.2	7.6	6.8	5.7	5.1	4.6	
26	24.9	16.8	12.4	9.9	8.3	7.1	6.2	5.5	5.0	
27	26.8	17.9	13.4	10.7	8.9	7.7	6.7	6.0	5.4	
28	28.7	19.2	14.4	11.5	9.6	8.2	7.2	6.4	5.7	
29	30.7	20.4	15.3	12.3	10.2	8.8	7.7	6.8	6.1	
30	32.6	21.7	16.3	13.0	10.9	9.3	8.1	7.2	6.5	
31	35.5	23.7	17.8	14.2	11.9	10.2	8.9	7.9	7.1	
32	38.5	25.7	19.3	15.4	12.8	11.0	9.5	8.5	7.7	
33	41.5	27.8	20.7	15.8	13.8	11.8	10.4	9.2	8.3	
34	44.4	29.6	22.2	17.8	14.8	12.7	11.1	9.9	8.9	
35	47.4	31.6	23.7	19.0	15.8	13.5	11.8	10.5	9.5	
36	50.7	33.8	25.4	20.3	16.9	14.5	12.7	11.3	10.1	
37	54.1	36.1	27.1	21.6	18.0	15.5	13.5	12.0	10.8	
38	57.5	38.3	28.7	23.0	19.2	16.4	14.4	12.8	11.5	
39	60.8	40.5	30.4	24.3	20.3	17.4	15.2	13.5	12.2	
40	54.2	42.8	32.1	25.7	21.4	18.3	16.1	14.3	12.8	
41	68.5	45.6	34.2	27.4	22.8	19.5	17.1	15.2	13.7	
42	72.7	48.5	36.4	29.1	24.2	20.8	18.2	16.2	14.5	
43	77.0	51.3	38.5	30.8	25.7	22.0	19.2	17.1	15.4	

**Dasanit - Di Syston 10-5G
Mobay**

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	<u>Rate in Ounces per Thousand Feet of Row</u>									
45	74.9									
50	92.8									
55		73.3								
60		85.2								
65										
70										
75		104.1	78.1							
80			81.9	65.6	54.6	46.8	40.9	36.4	32.8	

**Diazinon 14G
Hopkins**

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	<u>Rate in ounces per thousand feet of row</u>									
24	2.7									
25	2.8									
26	3.0									
27	3.2									
28	3.5	2.3								
29	3.7	2.5								
30	4.1	2.7								
31	4.3	2.8								
32	4.4	2.9								
33	4.6	3.1								
34	4.8	3.2	2.4							
35	5.1	3.4	2.5							
36	5.5	3.7	2.8							
37	6.0	4.0	3.0	2.2						
38	6.4	4.3	3.2	2.6						
39	6.9	4.6	3.5	2.8	2.3					
40	7.5	5.0	3.8	3.0	2.5	2.1				
45	8.7	5.8	4.3	3.5	2.9	2.5	2.2			

**In-the-row pesticides
Di-Syston 15G
Mobay**

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	<u>Rate in ounces per thousand feet of row</u>									
9	2.1									
10	2.8									
11	3.0	2.0								
12	3.5	2.3								
13	4.0	2.7	2.0							
14	5.0	3.3	2.5	2.0						
15	6.0	4.0	3.0	2.4	2.0					
16	7.0	4.7	3.5	2.8	2.3	2.0				
17	8.0	5.3	4.0	3.2	2.7	2.3	2.0			
18	9.0	6.0	4.5	3.6	3.0	2.6	2.3	2.0	1.8	
19	10.5	7.0	5.3	4.2	3.5	3.0	2.6	2.3	2.1	
20	11.6	7.7	5.8	4.6	3.9	3.3	2.9	2.6	2.3	
21	13.4	8.9	6.7	5.3	4.5	3.8	3.3	3.0	2.7	
22	15.0	10.0	7.5	6.0	5.0	4.3	3.8	3.3	3.0	
23	16.5	11.0	8.3	6.6	5.5	4.7	4.1	3.7	3.3	
24	18.0	12.0	9.0	7.2	6.0	5.1	4.5	4.0	3.6	
25	19.4	12.9	9.7	7.8	6.5	5.5	4.9	4.3	3.9	
26	21.0	14.0	10.5	8.4	7.0	6.0	5.3	4.7	4.2	
27	23.0	15.3	11.5	9.2	7.7	6.6	5.8	5.1	4.6	
28	24.7	16.4	12.3	9.9	8.2	7.0	6.2	5.5	4.9	
29	26.3	17.5	13.1	10.5	8.8	7.5	6.6	5.8	5.3	
30	28.2	18.8	14.1	11.3	9.4	8.0	7.0	6.3	5.6	
31	30.5	20.3	15.3	12.2	10.2	8.7	7.6	6.8	6.1	
32	32.6	21.7	16.3	13.0	10.9	9.3	8.2	7.2	6.5	
33	35.0	23.3	17.5	14.0	11.7	10.0	8.8	7.8	7.0	
34	38.0	25.3	19.0	15.2	12.7	10.8	9.5	8.4	7.6	
35	40.2	26.8	20.1	16.1	13.4	11.5	10.0	8.9	8.0	
36	42.5	28.3	21.3	17.0	14.2	12.1	10.6	9.4	8.5	
37		30.0	22.5	18.0	15.0	12.9	11.3	10.0	9.0	
38		31.5	23.6	18.9	15.7	13.5	11.8	10.5	9.4	
39		33.3	25.0	20.0	16.7	14.3	12.5	11.1	10.0	
40		34.5	26.6	21.3	17.7	15.2	13.3	11.8	10.6	
45		47.3	35.5	28.4	23.7	20.3	17.8	15.8	14.2	
50			44.5	35.6	29.7	25.4	22.3	19.8	17.8	
55				41.2	34.3	29.4	25.8	22.9	20.6	
60					39.8	34.1	29.9	26.5	23.9	
65						43.3	37.1	32.5	28.9	26.0
70							40.4	35.3	31.4	28.3
75								39.1	36.8	32.7
80									43.6	38.1
										33.9
										30.5

**In-the-row pesticides
Dyfonate 10G
Zeneca**

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	<u>Rate in ounces per thousand feet of row</u>									
14	5.9									
15	6.7									
16	7.5									
17	8.0	5.3								
18	9.0	6.0								
19	10.0	6.7	5.0							
20	12.0	8.0	6.0							
21	13.4	8.9	6.7							
22	14.9	9.9	7.4	5.9						
23	16.3	10.8	8.1	6.5						
24	17.7	11.8	8.9	7.1	5.9					
25	19.6	12.8	9.6	7.7	6.4	5.5				
26	21.6	14.4	10.8	8.6	7.2	6.2				
27	23.0	15.3	11.3	9.2	7.7	6.6	5.8			
28	25.0	16.7	12.5	10.0	8.3	7.1	6.3	5.6		
29	26.9	17.9	13.5	10.8	9.0	7.7	6.7	6.0		
30	28.7	19.1	14.4	11.5	9.6	8.2	7.2	6.4	5.7	
31	31.3	20.8	15.6	12.5	10.4	8.9	7.8	6.9	6.3	
32	33.8	22.5	16.9	13.5	11.3	9.7	8.5	7.5	6.8	
33	36.4	24.2	18.2	14.5	12.1	10.4	9.1	8.1	7.3	
34	38.9	25.9	19.5	15.6	13.0	11.1	9.7	8.6	7.8	
35	41.5	27.6	20.7	16.6	13.8	11.8	10.4	9.2	8.3	
36	44.0	29.3	22.0	17.6	14.7	12.6	11.0	9.8	8.8	
37	46.6	31.0	23.3	18.6	15.5	13.3	11.6	10.3	9.3	
38	49.1	32.7	24.6	19.6	16.4	14.0	12.3	10.9	9.8	
39	51.7	34.4	25.8	20.7	17.2	14.8	12.9	11.5	10.3	
40	54.2	36.1	27.1	21.7	18.1	15.5	13.6	12.0	10.8	
45	72.0	48.0	36.0	28.8	24.0	20.6	18.0	16.0	14.4	
50	92.9	61.9	46.5	37.2	31.0	26.5	23.2	20.6	18.6	
55		76.0	57.0	45.6	38.0	32.6	28.5	25.3	22.8	
60			66.6	53.2	44.4	38.0	33.3	29.6	26.6	
65				72.3	57.8	48.2	41.3	36.2	32.1	28.9
70					78.1	62.5	52.1	44.6	39.1	34.7
75						67.1	55.9	47.9	41.9	37.3
80							71.7	59.8	51.2	44.8
										39.8
										35.9

**Dipel 10G
Abbott Labs**

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	<u>Rate in ounces per thousand feet of row</u>									
30	9.4									
31	10.1									
32	10.9									
33	11.6									
34	12.3									
35	13.0									
36	14.0									
37	14.9	9.9								
38		10.5								
39		11.1								
40		11.8								
41		12.9	9.7							
42		14.0	10.5							
43		15.1	11.3							
44			12.2	9.7						
45			13.0	10.4						
46			13.8	11.1						
47			14.6	11.7	9.8					
48				12.4	10.3					
49				13.0	10.9					
50				13.7	11.4	9.8				
51				14.8	12.3	10.6				
52					13.2	11.3	9.9			
53						14.1	12.1	10.6		
54							12.9	11.3	10.0	
55							13.6	11.9	10.6	9.5
56							14.4	12.6	11.2	10.1
57								13.3	11.8	10.6
58								13.9	12.4	11.2
59								14.6	13.0	11.7
60									13.6	12.2
65									15.0	13.5
70										14.7

**Dyfonate 20G
Stauffer**

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	<u>Rate in ounces per thousand feet of row</u>									
10	2.9									
11	3.5	2.3								
12	4.3	2.8	2.1							
13	5.0	3.3	2.5	2.0						
14	6.0	4.7	3.0	2.4	2.0					
15	7.5	5.0	3.7	3.0	2.5	2.1				
16		5.7	4.3	3.4	2.8	2.4	2.1			
17		6.3	4.8	3.8	3.2	2.7	2.4	2.1		
18		7.0	5.3	4.2	3.5	3.0	2.6	2.3	2.1	
19			5.8	4.6	3.9	3.3	2.9	2.6	2.3	
20			6.5	5.2	4.3	3.7	3.3	2.9	2.6	
21			7.3	5.8	4.8	4.1	3.6	3.2	2.9	
22				6.4	5.3	4.6	4.0	3.6	3.2	
23					7.0	5.8	5.0	4.4	3.9	3.5
24						6.2	5.3	4.7	4.2	3.7
25						6.7	5.8	5.1	4.5	4.0
26							7.3	6.3	5.5	4.9
27								6.9	6.0	5.3
28								7.4	6.5	5.8
29									6.9	6.1
30									7.4	6.6
31										7.2
32										6.8
33										7.3

In-the-row pesticides
Furadan 15G
FMC

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	Rate in ounces per thousand feet of row									
5	1.9									
6	2.7									
7	3.8	2.5								
8	5.1	3.4	2.6							
9	6.5	4.3	3.3	2.6						
10	7.8	5.2	3.9	3.1	2.6					
11	9.7	6.5	4.9	3.9	3.2	2.8				
12	11.6	7.7	5.8	4.6	3.9	3.3	2.9			
13	13.4	8.9	6.7	5.4	4.5	3.8	3.4	3.0	2.7	
14	15.3	10.5	7.6	6.1	5.1	4.4	3.8	3.4	3.1	
15	17.1	11.4	8.5	6.8	5.7	4.9	4.3	3.8	3.4	
16	19.4	12.9	9.7	7.8	6.5	5.5	4.9	4.3	3.9	
17	21.6	14.4	10.8	8.6	7.2	6.3	5.4	4.8	4.3	
18	23.8	15.9	11.9	9.5	7.9	6.8	6.0	5.3	4.8	
19	26.1	17.4	13.0	10.4	8.7	7.4	6.5	5.8	5.2	
20	28.5	19.0	14.2	11.4	9.5	8.1	7.1	6.3	5.7	
21	31.7	21.1	15.9	12.7	10.6	9.1	7.9	7.0	6.3	
22	35.1	23.4	17.5	14.0	11.7	10.0	8.8	7.8	7.0	
23		25.7	19.3	15.4	12.9	11.0	9.6	8.6	7.7	
24		27.9	21.0	16.8	14.0	12.0	10.5	9.3	8.4	
25		30.3	22.7	18.2	15.2	13.0	11.4	10.1	9.1	
26		32.7	24.6	19.6	16.4	14.0	12.3	10.9	9.8	
27		35.4	26.6	21.2	17.7	15.2	13.3	11.8	10.6	
28			28.6	22.8	19.0	16.3	14.3	12.7	11.4	
29			30.6	24.4	20.4	17.5	15.3	13.6	12.2	
30			32.6	26.1	21.7	18.6	16.3	14.5	13.0	
31			35.4	28.3	23.6	20.2	17.7	15.7	14.2	
32				30.6	25.5	21.8	19.1	17.0	15.3	
33				32.8	27.3	23.4	20.5	18.2	16.4	
34				35.0	29.2	25.0	21.9	19.5	17.5	
35					31.1	26.7	23.3	20.7	18.7	
36					32.8	28.1	24.6	21.9	19.7	
37					34.9	29.9	26.1	23.2	20.9	
38						31.5	27.5	24.5	22.0	
39						33.1	29.0	25.7	23.2	
40							30.4	27.0	24.3	

In-the-row pesticides
Mocap PCNB 3 -10G G

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	Rate in ounces per thousand feet of row									
24	26.5									
25	28.8									
26	32.0									
27	34.0									
28	38.0	25.3								
29	41.0	27.3								
30	42.2	28.1								
31	43.1	28.7								
32	46.0	30.7								
33	48.3	32.2								
34	51.0	34.0	25.5							
35	54.3	36.2	27.2							
36	58.6	39.1	29.3							
37	62.9	41.9	31.5	25.2						
38	68.7	45.8	34.4	27.5						
39	73.5	49.0	36.8	29.4						
40	79.7	53.1	39.9	31.9	26.6	22.8				
45	99.0	66.0	49.5	39.6	33.0	28.3	24.8			
50	119.3	79.5	59.7	47.7	39.8	34.1	29.8	26.5	23.9	
55	140.0	93.3	70.0	56.0	46.7	40.0	35.0	31.1	28.0	
60		107.3	80.5	64.4	53.7	46.0	40.2	35.8	32.2	
65		116.7	87.5	70.0	58.3	50.0	43.8	38.9	35.0	
70		123.3	92.5	74.0	61.7	52.0	46.3	41.1	37.0	
75		129.1	96.8	77.4	64.5	55.3	48.4	43.0	38.7	
80		134.6	101.0	80.8	67.3	57.7	50.5	44.9	40.4	

Mocap 10G

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	Rate in ounces per thousand feet of row									
11	5.0									
12	6.0									
13	6.9									
14	7.9									
15	8.8	5.8								
16	10.2	6.8								
17	11.5	7.7	5.8							
18	13.0	8.7	6.5							
19	13.8	9.2	6.9	5.5						
20	16.3	10.8	8.1	6.5						
21	17.5	11.7	8.8	7.0	5.8					
22	18.8	12.5	9.4	7.5	6.3	5.4				
23	21.0	14.0	10.5	8.4	7.0	6.0				
24	23.4	15.6	11.7	9.4	7.8	6.7	5.9			
25	26.3	17.5	13.1	10.5	8.8	7.5	6.6	5.8	5.3	
26	30.0	20.0	15.0	12.0	10.0	8.6	7.5	6.7	6.0	
27	31.8	21.2	15.9	12.7	10.6	9.1	7.9	7.1	6.4	
28	34.0	22.7	17.0	13.6	11.3	9.7	8.5	7.6	6.8	
29	36.0	24.0	18.0	14.4	12.0	10.3	9.0	8.0	7.2	
30	38.5	25.6	19.2	15.4	12.8	11.0	9.6	8.5	7.7	
31	40.5	27.0	20.3	16.2	13.5	11.6	10.1	9.0	8.1	
32	43.5	29.0	21.8	17.4	14.5	12.4	10.9	9.7	8.7	
33	45.5	30.3	22.8	18.2	15.2	13.0	11.4	10.1	9.1	
34	48.0	32.0	24.0	19.2	16.0	13.7	12.0	10.7	9.6	
35	51.0	34.0	25.5	20.4	17.0	14.6	12.8	11.3	10.2	
36	54.0	36.0	27.0	21.6	18.0	15.4	13.5	12.0	10.8	
37	57.5	38.3	28.8	23.0	19.2	16.4	14.4	12.8	11.5	
38	61.5	41.0	30.8	24.6	20.5	17.6	15.4	13.7	12.3	
39	65.5	43.7	32.8	26.2	21.8	18.7	16.4	14.6	13.1	
40	69.4	46.3	34.7	27.8	23.1	19.8	17.4	15.4	13.9	
45	85.0	56.7	42.5	34.0	28.3	24.3	21.3	18.9	17.0	
50		72.5	54.4	43.5	36.3	31.1	27.2	24.2	21.8	
55		85.5	64.1	51.3	42.8	36.6	32.1	28.5	25.7	
60			70.6	56.5	47.1	40.4	35.3	31.4	28.3	
65			77.1	61.7	51.4	44.1	38.6	34.3	30.9	
70			81.9	65.5	54.6	46.8	40.9	36.4	32.8	
75				63.2	56.8	48.7	42.6	37.9	34.1	
80				70.0	58.3	50.0	43.8	38.9	35.0	

Mocap Plus

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	Rate in ounces per thousand feet of row									
40	68.2									
45	86.0									
50										
55		79.3								
60		89.6								
65										
70			78.8							
75			81.6							
80				67.5	56.3	48.2	42.2	37.5	33.8	

In-the-row pesticides

In-the-row pesticides
Mocap 15G
Rhone-Poulenc

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	Rate in ounces per thousand feet of row									
7	2.4									
8	3.2									
9	4.1	2.7								
10	5.0	3.3	2.5							
11	5.9	3.9	3.0							
12	6.9	4.6	3.5	2.8						
13	7.5	5.0	3.8	3.0	2.5					
14	8.5	5.7	4.3	3.4	2.8					
15	10.3	6.9	5.2	4.1	3.4	2.9	2.6			
16	11.9	7.9	5.9	4.7	4.0	3.4	3.0			
17	13.1	8.7	6.6	5.2	4.4	3.7	3.3	2.9	2.6	
18	15.1	10.1	7.6	6.0	5.0	4.3	3.8	3.4	3.0	
19	17.0	11.3	8.5	6.8	5.7	4.8	4.2	3.8	3.4	
20	19.1	12.7	9.5	7.6	6.4	5.4	4.8	4.2	3.8	
21	21.4	14.3	10.7	8.6	7.1	6.1	5.4	4.8	4.3	
22	23.4	15.6	11.7	9.4	7.8	6.7	5.9	5.2	4.7	
23	25.4	16.9	12.7	10.2	8.5	7.3	6.4	5.6	5.1	
24	27.6	18.4	13.8	11.0	9.2	7.9	6.9	6.1	5.5	
25	30.7	20.4	15.3	12.3	10.2	8.8	7.7	6.8	6.1	
26	32.9	21.9	16.5	13.2	11.0	9.4	8.2	7.3	6.6	
27	35.8	23.9	17.9	14.3	11.9	10.2	9.0	8.0	7.2	
28	38.9	25.9	19.5	15.6	13.0	11.1	9.7	8.6	7.8	
29		27.9	21.0	16.8	14.0	12.0	10.5	9.3	8.4	
30		30.2	22.7	18.1	15.1	12.9	11.3	10.1	9.1	
31		33.0	24.8	19.8	16.5	14.1	12.4	11.0	9.9	
32		36.3	27.3	21.8	18.2	15.6	13.6	12.1	10.9	
33			29.8	23.9	19.9	17.0	14.9	13.3	11.9	
34			32.5	26.0	21.6	18.5	16.2	14.4	13.0	
35			35.1	28.0	23.4	20.0	17.5	15.6	14.0	
36			38.0	30.4	25.3	21.7	19.0	16.9	15.2	
37				33.0	27.5	23.6	20.6	18.3	16.5	
38				35.6	29.7	25.4	22.3	19.8	17.8	
39					31.8	27.2	23.8	21.2	19.1	
40					33.9	29.1	25.4	22.6	20.3	
45					38.0	32.6	28.5	25.4	22.8	
50						36.0	31.5	28.0	25.2	
55							35.4	31.5	28.4	
60							39.9	35.4	31.9	

Nemacur 15G
Mobay

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	Rate in ounces per thousand feet of row									
17	9.1									
18	10.1									
19	11.3									
20	12.4									
21	13.9	9.2								
22	15.3	10.2								
23	16.9	11.2								
24	18.5	12.3	9.3							
25	20.1	13.4	10.1							
26	21.8	14.5	10.9							
27	23.8	15.8	11.9	9.5						
28	25.5	17.0	12.7	10.2						
29	27.3	18.2	13.6	10.9	9.1					
30		19.5	14.6	11.7	9.8					
31		21.3	16.0	12.8	10.6	9.1				
32		23.3	17.5	14.0	11.6	10.0				
33		25.1	18.8	15.1	12.6	10.8	9.4			
34		27.1	20.4	16.3	13.6	11.6	10.2	9.0		
35			21.9	17.5	14.6	12.5	10.9	9.7		
36			23.3	18.7	15.6	13.3	11.7	10.5		
37			24.8	19.8	16.5	14.2	12.4	11.0	9.9	
38			26.3	21.0	17.5	15.0	13.1	11.7	10.5	
39			27.7	22.2	18.5	15.8	13.9	12.3	11.1	
40				23.4	19.5	16.7	14.6	13.0	11.7	
45				27.6	23.0	19.6	17.3	15.3	13.8	
50					26.6	22.8	19.9	17.7	15.0	
55					30.0	25.7	22.5	20.0	18.1	
60						28.8	25.2	22.4	20.2	

In-the-row pesticides
Nemacur 10G
Mobay

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	Rate in ounces per thousand feet of row									
13	6.8									
14	7.6									
15	8.4									
16	9.6									
17	10.7	7.2								
18	11.9	7.9								
19	13.1	8.7								
20	14.2	9.5	7.1							
21	16.0	10.7	8.0							
22	17.8	11.9	8.9	7.1						
23	19.6	13.1	9.8	7.8						
24	21.4	14.2	10.7	8.6	7.1					
25	23.2	15.4	11.6	9.3	7.7					
26	25.1	16.8	12.6	10.1	8.4	7.2				
27	27.1	18.1	13.6	10.9	9.0	7.8				
28	29.1	19.4	14.6	11.6	9.7	8.3	7.3			
29	31.1	20.7	15.5	12.4	10.4	8.9	7.8			
30	33.1	22.1	16.5	13.2	11.0	9.5	8.3	7.4		
31	36.0	24.0	18.0	14.4	12.0	10.3	9.0	8.0	7.2	
32	39.0	26.0	19.5	15.6	13.0	11.1	9.8	8.7	7.8	
33	42.0	28.0	21.0	16.8	14.0	12.0	10.5	9.3	8.4	
34	44.9	30.0	22.5	18.0	15.6	12.8	11.2	10.0	9.0	
35	47.9	31.9	23.9	19.2	16.0	13.7	12.0	10.6	9.6	
36	50.8	33.9	25.4	20.3	16.9	14.5	12.7	11.3	10.2	
37	53.7	35.8	26.8	21.5	17.9	15.3	13.4	11.9	10.7	
38	56.6	37.7	28.3	22.6	18.9	16.2	14.1	12.6	11.3	
39	59.4	39.6	29.7	23.8	19.8	17.0	14.9	13.2	11.9	
40	62.3	41.6	31.2	24.9	20.8	17.8	15.6	13.8	12.5	
41	66.8	44.5	33.4	26.7	22.3	19.1	16.7	14.8	13.4	
42	71.2	47.5	35.6	28.5	23.7	20.3	17.8	15.8	14.2	
43	75.6	50.4	37.8	30.3	25.2	21.6	18.9	16.8	15.1	
44	80.1	53.4	40.0	32.0	26.7	22.9	20.0	17.8	16.0	
45	84.5	56.3	42.2	33.8	28.2	24.1	21.1	18.8	16.9	
46	88.9	59.3	44.5	35.6	29.6	25.4	22.2	19.8	17.8	
47	93.3	62.2	46.7	37.3	31.1	26.7	23.3	20.7	18.7	
48	97.8	65.2	48.9	39.1	32.6	27.9	24.4	21.7	19.6	
49	102.2	68.1	51.1	40.8	34.0	29.2	25.6	22.7	20.4	
50	106.6	71.1	53.3	42.7	35.5	30.5	26.7	23.7	21.3	
51	110.6	73.8	55.3	44.3	36.9	31.6	27.7	24.6	22.1	
52	114.6	76.4	57.3	45.9	38.2	32.8	28.7	25.5	22.9	
53	118.7	79.1	59.3	47.5	39.6	33.9	29.7	26.4	23.7	
54	122.7	81.8	61.3	49.1	40.9	35.0	30.7	27.3	24.5	
55	126.7	84.4	63.3	50.7	42.2	36.2	31.7	28.2	25.3	
56	130.7	87.1	65.3	52.3	43.6	37.3	32.7	29.0	26.1	
57	134.7	89.8	67.3	53.9	44.9	38.5	33.7	29.9	26.9	
58	138.7	92.5	69.3	55.5	46.2	39.6	34.7	30.8	27.7	
59	142.7	95.1	71.4	57.1	47.6	40.8	35.7	31.7	28.5	
60	146.7	97.8	73.4	58.7	48.9	41.9	36.7	32.6	29.3	
65	155.4	103.6	77.7	62.2	51.8	44.4	38.9	34.5	31.1	
70	164.1	109.4	82.1	65.7	54.7	46.9	41.0	36.5	32.8	
75	172.9	115.2	86.4	69.1	57.6	49.4	43.2	38.4	34.5	
80	181.6	121.1	90.8	72.6	60.5	51.9	45.4	40.4	36.3	

Pounce 1.5G
FMC

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	Ounces Per 1000 Feet of Row									
6	5.9									
7	8.2	5.5								
8	11.2	7.4	5.6							
9	14.1	9.4	7.1	5.6						
10		11.4	8.5	6.8	5.7					
11		14.0	10.5	8.4	7.0	6.0				
12		16.6	12.5	10.0	8.3	7.1	6.2			
13			14.4	11.5	9.6	8.2	7.2	6.4		
14				13.1	10.9	9.4	8.2	7.3	6.6	
15				14.7	12.2	10.5	9.2	8.2	7.3	
16					14.0	12.0	10.5	9.3	8.4	
17					15.8	13.5	11.8	10.5	9.5	
18						15.0	13.1	11.7	10.5	
19							14.5	12.9	11.6	
20								14.0	12.6	
21									14.2	

In-the-row-pesticides
Nufos 15G
Cheminova

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	Rate in ounces per 1000' of row									
5	3.1	1.5	1.0	0.8	0.6	0.5	0.4	0.4	0.3	0.3
6	4.6	2.3	1.5	1.2	0.9	0.8	0.7	0.6	0.5	0.5
7	6.2	3.1	2.1	1.6	1.2	1.0	0.9	0.8	0.7	0.6
8	7.8	3.9	2.6	1.9	1.6	1.3	1.1	1.0	0.9	0.8
9	9.3	4.7	3.1	2.3	1.9	1.6	1.3	1.2	1.0	0.9
10	10.9	5.4	3.6	2.7	2.2	1.8	1.6	1.4	1.2	1.1
11	13.7	6.8	4.6	3.4	2.7	2.3	2.0	1.7	1.5	1.4
12	16.5	8.3	5.5	4.1	3.3	2.8	2.4	2.1	1.8	1.7
13	19.4	9.7	6.5	4.8	3.9	3.2	2.8	2.4	2.2	1.9
14	22.2	11.1	7.4	5.5	4.4	3.7	3.2	2.8	2.5	2.2
15	25.0	12.5	8.3	6.3	5.0	4.2	3.6	3.1	2.8	2.5
16	25.4	12.7	8.5	6.4	5.1	4.2	3.6	3.1	2.8	2.5
17	25.8	12.9	8.6	6.5	5.2	4.3	3.7	3.2	2.9	2.6
18	26.3	13.1	8.8	6.6	5.3	4.4	3.8	3.3	2.9	2.6
19	26.7	13.3	8.9	6.7	5.3	4.4	3.8	3.3	3.0	2.7
20	27.1	13.5	9.0	6.8	5.4	4.5	3.9	3.4	3.0	2.7
21	32.7	16.4	10.9	8.2	6.5	5.5	4.7	4.1	3.6	3.3
22	38.4	19.2	12.8	9.6	7.7	6.4	5.5	4.8	4.3	3.8
23	44.1	22.0	14.7	11.0	8.8	7.3	6.3	5.5	4.9	4.4
24	49.8	24.9	16.6	12.4	10.0	8.3	7.1	6.2	5.5	5.0
25	55.4	27.7	18.5	13.9	11.1	9.2	7.9	6.9	6.2	5.5
26	60.2	30.1	20.1	15.1	12.0	10.0	8.6	7.5	6.7	6.0
27	65.0	32.5	21.7	16.2	13.0	10.8	9.3	8.1	7.2	6.5
28	69.8	34.9	23.3	17.4	14.0	11.6	10.0	8.7	7.8	7.0
29	74.5	37.3	24.8	18.6	14.9	12.4	10.6	9.3	8.3	7.5
30	79.3	39.6	26.4	19.8	15.9	13.2	11.3	9.9	8.8	7.9
31	85.5	42.7	28.5	21.4	17.1	14.2	12.2	10.7	9.5	8.5
32	91.7	45.8	30.6	22.9	18.3	15.3	13.1	11.5	10.2	9.2
33	97.9	48.9	32.6	24.5	19.6	16.3	14.0	12.2	10.9	9.8
34	104.1	52.0	34.7	26.0	20.8	17.3	14.9	13.0	11.6	10.4
35	110.3	55.1	36.8	27.6	22.1	18.4	15.8	13.8	12.3	11.0
36	117.5	58.8	39.2	29.4	23.5	19.6	16.8	14.7	13.1	11.8
37	124.8	62.4	41.6	31.2	25.0	20.8	17.8	15.6	13.9	12.5
38	132.1	66.0	44.0	33.0	26.4	22.0	18.9	16.5	14.7	13.2
39	139.3	69.7	46.4	34.8	27.9	23.2	19.9	17.4	15.5	13.9
40	146.6	73.3	48.9	36.7	29.3	24.4	20.9	18.3	16.3	14.7

Ridomil PC 11G
Ciba-Geigy

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	Rate in ounces per 1000' feet of row									
25	20									
26	21									
27	23									
28	25									
29	27									
30	28	19								
31	30	20								
32	33	22								
33	25	23								
34	37	25								
35	39	26	20							
36	42	28	21							
37	45	30	22							
38	47	31	24							
39	50	33	25	20						
40	53	35	26	21						
41	56	38	28	23	19					
42	60	40	30	24	20					
43	64	43	32	26	21					
44	68	46	34	27	23	20				
45	72	48	36	29	24	21				
46	76	51	38	31	25	22	19			
47	80	54	40	32	27	23	20			
48	84	56	42	34	28	24	21			
49	88	59	44	35	29	25	22	20		
50	92	61	46	37	31	26	24	21		
51	97	64	48	39	32	28	24	21	19	
52	101	68	51	41	34	29	25	23	20	
53	106	71	53	42	35	30	26	24	21	
54	110	74	55	44	37	32	28	25	22	
55	115	77	57	46	38	33	29	26	23	
56	119	80	60	48	40	34	30	27	24	
57	124	83	62	50	41	35	31	28	25	
58		86	64	51	43	37	32	29	26	22
59		89	66	53	44	38	33	30	27	
60		92	69	55	46	39	34	31	28	
65		99	75	60	50	43	37	33	30	
70		107	80	64	54	46	40	36	32	
75		115	86	69	58	49	43	38	35	
80		123	92	74	61	53	46	41	37	

In-the-row-pesticides
Ridomil 5G (Ciba-Geigy)

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	Rate in ounces per 1000' feet of row									
8	2.7									
9	3.2									
10	3.8	2.5								
11	4.6	3.1								
12	5.4	3.6	2.7							
13	6.2	4.1	3.1							
14		4.7	3.5	2.8						
15		5.2	3.9	3.1						
16		5.9	4.4	3.5	2.9					
17		6.5	4.9	3.9	3.3	2.8				
18			5.4	4.3	3.6	3.1				
19			5.8	4.7	3.9	3.3	2.9			
20			6.3	5.1	4.2	3.6	3.2	2.8		
21				5.6	4.7	4.0	3.5	3.1	2.8	
22				6.2	5.2	4.4	3.9	3.5	3.1	
23					5.7	4.8	4.2	3.8	3.4	
24					6.1	5.3	4.6	4.1	3.7	
25						5.7	5.0	4.4	4.0	
26						6.2	5.4	4.8	4.3	
27							5.8	5.2	4.6	
28							6.2	5.5	5.0	
29								5.9	5.3	
30								6.3	5.7	
31									6.1	

Subdue 5G

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	Rate in ounces per 1000 feet of row									
10	2.9									
11	3.5									
12	4.1	2.7								
13	4.7	3.1								
14	5.3	3.5								
15	5.9	3.9	3.0							
16	6.8	4.5	3.4	2.7						
17	7.7	5.1	3.8	3.1						
18	8.6	5.7	4.3	3.4	2.9					
19	9.4	6.3	4.7	3.8	3.2					
20	10.3	6.9	5.2	4.1	3.4	3.0				
21		7.7	5.8	4.6	3.9	3.3	2.9			
22		8.6	6.4	5.2	4.3	3.7	3.2	2.9		
23		9.5	7.1	5.7	4.7	4.1	3.5	3.2	2.8	
24			10.3	7.7	6.2	5.2	4.4	3.9	3.4	3.1
25				8.4	6.7	5.6	4.8	4.2	3.7	3.4
26				9.2	7.4	6.1	5.3	4.6	4.1	3.7
27					10.1	8.0	6.7	5.7	5.0	4.5
28						8.7	7.3	6.2	5.5	4.8
29						9.4	7.8	6.7	5.9	5.2
30						10.1	8.4	7.2	6.3	5.6
31							9.1	7.8	6.8	6.0
32							9.7	8.3	7.3	6.5
33							10.4	8.9	7.8	6.9
34								9.5	8.3	7.4
35								10.1	8.8	7.8
36									9.5	8.5
37									10.2	9.1
38										9.7
39										10.3
40										9.8
41										10.5

Temik 10G
Union Carbide

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	Rate in ounces per 1000 feet of row									
21	3.8									
22	4.4									
23	5.1									
24	5.7	3.8								
25	6.5	4.3								
26	7.2	4.8	3.6							
27	8.1	5.4	4.1							
28	9.1	6.0	4.5	3.6						
29	9.9	6.6	5.0	4.0						
30	10.7	7.1	5.4	4.3	3.6					
31	11.9	7.9	6.0	4.8	4.0					
32	13.0	8.7	6.5	5.2	4.3	3.7				
33	14.3	9.5	7.2	5.7	4.8	4.1				
34	15.6	10.4	7.8	6.2	5.2	4.5	3.9			
35	16.9	11.2	8.4	6.7	5.6	4.8	4.2	3.7		
36	18.1	12.0	9.0	7.2	6.0	5.2	4.5	4.0		
37	19.3	12.9	9.7	7.7	6.4	5.5	4.8	4.3	3.9	

**In-the-row-pesticides
Temik 15G
Corn cob granules
Rhone-Poulenc**

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	Rate in ounces per 1000 feet of row									
15	2.8									
16	3.3	2.2								
17	3.7	2.4	1.8							
18	4.2	2.8	2.1							
19	5.0	3.3	2.5	2.0						
20	5.7	3.8	2.8	2.3						
21	6.6	4.4	3.3	2.6	2.2					
22	7.3	4.9	3.7	2.9	2.4	2.1				
23	7.9	5.3	4.0	3.2	2.6	2.3				
24	8.7	5.8	4.3	3.5	2.9	2.5	2.2			
25	9.7	6.5	4.9	3.9	3.2	2.8	2.4	2.2		
26	10.6	7.1	5.3	4.2	3.5	3.0	2.7	2.4	2.1	
27	11.6	7.7	5.8	4.6	3.9	3.3	2.9	2.6	2.3	
28	12.7	8.4	6.3	5.1	4.2	3.6	3.2	2.8	2.5	
29	14.1	9.4	7.1	5.6	4.7	4.0	3.5	3.1	2.8	
30	15.7	10.4	7.8	6.3	5.2	4.5	3.9	3.5	3.1	
31	17.1	11.4	8.6	6.8	5.7	4.9	4.3	3.8	3.4	
32	18.5	12.3	9.3	7.4	6.2	5.3	4.6	4.1	3.7	
33	20.1	13.4	10.1	8.0	6.7	5.7	5.0	4.5	4.0	
34	21.7	14.4	10.8	8.7	7.2	6.2	5.4	4.8	4.3	
35	23.4	15.6	11.7	9.4	7.8	6.7	5.9	5.2	4.7	
36	25.0	16.7	12.5	10.0	8.3	7.1	6.3	5.6	5.0	
37	26.8	17.8	13.4	10.7	8.9	7.6	6.7	5.9	5.4	
38	28.4	18.9	14.2	11.4	9.5	8.1	7.1	6.3	5.7	
39	30.6	20.4	15.3	12.2	10.2	8.7	7.7	6.8	6.1	
40	33.2	22.1	16.6	13.3	11.1	9.5	8.3	7.4	6.6	
45	40.6	27.1	20.3	16.2	13.5	11.6	10.2	9.0	8.1	
50		33.1	24.8	19.9	16.6	14.2	12.4	11.0	9.9	
55		44.8	33.6	26.9	22.4	19.2	16.8	14.9	13.4	
60			42.7	34.1	28.4	24.4	21.3	19.0	17.1	
65					32.3	27.7	24.2	21.5	19.4	
70					35.4	30.3	26.5	23.6	21.2	
75						32.9	28.8	25.6	23.0	
80						35.0	30.6	27.2	24.5	

**In-the-row-pesticides
Temik 15G Gypsum Granules (Rubber rotor)
Rhone-Poulenc**

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	Rate in ounces per 1000 feet of row									
5	1.3	1.8								
6	1.7	1.1	0.9	0.7						
7	2.5	1.7	1.3	1.0	0.8	0.7				
8	3.6	2.4	1.8	1.4	1.2	1.0	0.9	0.8		
9	4.3	2.8	2.1	1.7	1.4	1.2	1.1	0.9	0.9	
10	5.3	3.5	2.7	2.1	1.8	1.5	1.3	1.2	1.1	
11	6.3	4.2	3.2	2.5	2.1	1.8	1.6	1.4	1.3	
12	7.9	5.3	4.0	3.2	2.6	2.3	2.0	1.8	1.6	
13	9.9	6.6	5.0	4.0	3.3	2.8	2.5	2.2	2.0	
14	11.3	7.5	5.7	4.5	3.8	3.2	2.8	2.5	2.3	
15	12.8	8.5	6.4	5.1	4.3	3.7	3.2	2.8	2.6	
16	14.9	9.9	7.4	5.9	5.0	4.2	3.7	3.3	3.0	
17	16.0	10.9	8.2	6.5	5.5	4.7	4.1	3.6	3.3	
18	18.8	12.5	9.4	7.5	6.3	5.4	4.7	4.2	3.8	
19	21.3	14.2	10.7	8.5	7.1	6.1	5.3	4.7	4.3	
20	24.1	16.0	12.0	9.6	8.0	6.7	6.0	5.3	4.8	
21	27.0	18.0	13.5	10.8	9.0	7.7	6.8	6.0	5.4	
22	29.9	19.9	14.9	11.9	10.0	8.5	7.5	6.6	6.0	
23	32.5	21.7	16.3	13.0	10.8	9.3	8.1	7.2	6.5	
24	35.5	23.7	17.8	14.2	11.8	10.1	8.9	7.9	7.1	
25	35.8	25.8	19.9	15.5	12.9	11.1	9.7	8.6	7.8	
26	42.5	28.3	21.3	17.0	14.2	12.1	10.6	9.4	8.5	
27		30.3	22.8	18.2	15.2	13.0	11.4	10.1	9.1	
28		32.6	24.4	19.5	16.3	14.0	12.2	10.9	9.8	
29		35.2	26.4	21.1	17.6	15.1	13.2	11.7	10.6	
30		37.7	28.3	22.6	18.9	16.2	14.1	12.6	11.3	
31		40.8	30.6	24.5	20.4	17.5	15.3	13.6	12.3	
32		43.6	32.7	26.1	21.8	18.7	16.3	14.5	13.1	
33			34.8	27.8	23.2	19.9	17.4	15.4	13.9	
34			36.9	29.5	24.6	21.1	18.4	16.4	14.8	
35			36.8	31.0	25.8	22.1	19.4	17.2	15.5	
36			41.3	33.0	27.5	23.6	20.6	18.3	16.5	
37				35.0	29.2	25.0	21.9	19.4	17.5	
38				36.8	30.7	26.3	23.0	20.4	18.4	
39				38.8	32.3	27.7	24.3	21.6	19.4	
40				41.0	34.2	29.3	25.6	22.8	20.5	
45					43.3	37.1	32.5	28.9	26.0	
50						43.9	38.4	34.2	30.8	
55							42.8	38.0	34.2	
60								41.8	37.6	
65									40.0	
70									42.5	

**Terraclor SuperX(18.8G-GR)
Uniroyal**

Gauge	Miles Per Hour									
	1	2	3	4	5	6	7	8	9	10
	Rate in ounces per 1000 feet of row									
15	14.3	7.2	4.8	3.6	2.9	2.4	2.0	1.8	1.6	1.4
16	16.8	8.4	5.6	4.2	3.4	2.8	2.4	2.1	1.9	1.7
17	19.3	9.6	6.4	4.8	3.9	3.2	2.6	2.4	2.1	1.9
18	21.7	10.9	7.2	5.4	4.3	3.6	3.1	2.7	2.4	2.2
19	24.2	12.1	8.1	6.0	4.8	4.0	3.5	3.0	2.7	2.4
20	26.6	13.3	8.9	6.7	5.3	4.4	3.8	3.3	3.0	2.7
21	29.5	14.7	9.8	7.4	5.9	4.9	4.2	3.7	3.3	2.9
22	32.4	16.2	10.6	8.1	6.5	5.4	4.6	4.0	3.6	3.2
23	35.2	17.6	11.7	8.8	7.0	5.9	5.0	4.4	3.9	3.5
24	36.1	19.0	12.7	9.5	7.6	6.3	5.4	4.8	4.2	3.8
25	41.0	20.5	13.7	10.2	8.2	6.8	5.9	5.1	4.6	4.1
26	44.5	22.3	14.8	11.1	8.9	7.4	6.4	5.6	4.9	4.5
27	48.1	24.0	16.0	12.0	9.6	8.0	6.9	6.0	5.3	4.8
28	51.6	25.8	17.2	12.9	10.3	8.6	7.4	6.5	5.7	5.2
29	55.2	27.6	18.4	13.8	11.0	9.2	7.9	6.9	6.1	5.5
30	58.8	29.4	19.6	14.7	11.8	9.8	8.4	7.3	6.5	5.9
31	63.2	31.6	21.1	15.8	12.6	10.5	9.0	7.9	7.0	6.3
32	67.7	33.8	22.6	16.9	13.5	11.3	9.7	8.5	7.5	6.8
33	72.1	36.1	24.0	18.0	14.4	12.0	10.3	9.0	8.0	7.2
34	76.6	38.3	25.5	19.1	15.3	12.8	10.9	9.6	8.5	7.7
35	81.0	40.5	27.0	20.3	16.2	13.5	11.6	10.1	9.0	8.1
36	86.6	43.3	28.9	21.7	17.3	14.4	12.4	10.8	9.6	8.7
37	92.2	46.1	30.7	23.1	18.4	15.4	13.2	11.5	10.2	9.2
38	97.9	48.9	32.6	24.5	19.6	16.3	14.0	12.2	10.9	9.8
39	103.5	51.7	34.5	25.9	20.7	17.2	14.8	12.9	11.5	10.3
40	109.1	54.5	36.4	27.3	21.8	18.2	15.6	13.6	12.1	10.9
41	115.7	57.8	38.6	28.9	23.1	19.3	16.5	14.5	12.9	11.6
42	122.3	61.1	40.8	30.6	24.5	20.4	17.5	15.3	13.6	12.2
43	128.9	64.4	43.0	32.2	25.8	21.5	18.4	16.1	14.3	12.9
44	135.5	67.7	45.2	33.9	27.1	22.6	19.4	16.9	15.1	13.5
45	142.1	71.0	47.4	35.5	28.4	23.7	20.3	17.8	15.8	14.2
46	195.7	97.9	65.2	48.9	39.1	32.6	28.0	24.5	21.7	19.6
47	249.3	124.7	83.1	62.3	49.9	41.6	35.6	31.2	27.7	24.9
48	303.0	151.5	101.0	75.7	60.6	50.5	43.3	37.9	33.7	30.3
49	356.6	178.3	118.9	89.1	71.3	59.4	50.9	44.6	39.6	35.7
50	410.2	205.1	136.7	102.6	82.0	68.4	58.6	51.3	45.6	41.0
55	477.9	238.9	159.3	119.5	95.6	79.6	68.3	59.7	53.1	47.8
60	545.6	272.8	181.9	136.4	109.1	80.9	77.9	68.2	60.6	54.6

**Terraclor Super X with Di-Syston
Olin**

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	Rate in ounces per 1000 feet of row									
15	7.2									
16	8.0									
17	8.9	5.9								
18	10.3	6.8								
19	11.9	7.9	6.0							
20	13.5	9.0	6.7	5.4						
21	15.0	10.0	7.5	6.0						
22	16.8	11.2	8.4	6.7	5.6					
23	18.5	12.3	9.2	7.4	6.2					
24	20.3	13.5	10.1	8.1	6.8	5.8				
25		15.0	11.3	9.0	7.5	6.4	5.6			
26		16.7	12.5	10.0	8.3	7.1	6.3			
27		17.7	13.3	10.6	8.8	7.6	6.6	5.9		
28		19.9	14.3	11.4	9.5	8.1	7.1	6.3	5.7	
29			15.5	12.4	10.3	8.9	7.8	6.9	6.2	
30			16.6	13.3	11.1	9.5	8.3	7.4	6.6	
31			17.8	14.2	11.8	10.1	8.9	7.9	7.1	
32			19.1	15.3	12.8	10.9				

**In-the-row-pesticides
Terraclor 10G
Uniroyal**

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	<u>Rate in ounces per 1000 feet of row</u>									
19	10.3									
20	11.4									
21	12.6									
22	13.9									
23	15.1	10.1								
24	16.4	10.9								
25	17.6	11.7								
26	19.3	12.9								
27	21.0	14.0	10.5							
28	22.7	15.2	11.4							
29	24.4	16.3	12.2							
30	26.1	17.4	13.1	10.5						
31	28.5	19.0	14.3	11.4						
32	30.9	20.6	15.5	12.4	10.3					
33	33.3	22.2	16.7	13.3	11.1					
34	35.7	23.8	17.8	14.3	11.9	10.2				
35	38.1	25.4	19.0	15.2	12.7	10.9				
36	40.8	27.2	20.4	16.3	13.6	11.7	10.2			
37	43.5	29.0	21.8	17.4	14.5	12.4	10.9			
38	46.3	30.8	23.1	18.5	15.4	13.2	11.6	10.3		
39	49.0	32.7	24.5	19.6	16.3	14.0	12.2	10.9		
40	51.7	34.5	25.9	20.7	17.2	14.8	12.9	11.5	10.3	
41	55.6	37.1	27.8	22.2	18.5	15.9	13.9	12.4	11.1	
42	59.4	39.6	29.7	23.8	19.8	17.0	14.9	13.2	11.9	
43	63.3	42.2	31.7	25.3	21.1	18.1	15.8	14.1	12.7	
44	67.2	44.8	33.6	26.9	22.4	19.2	16.8	14.9	13.4	
45	71.0	47.4	35.5	28.4	23.7	20.3	17.8	15.8	14.2	
46	74.9	49.9	37.4	30.0	25.0	21.4	18.7	16.6	15.0	
47	78.8	52.5	39.4	31.5	26.3	22.5	19.7	17.5	15.8	
48	82.6	55.1	41.3	33.1	27.5	23.6	20.7	18.4	16.5	
49	86.5	57.7	43.2	34.6	28.8	24.7	21.6	19.2	17.3	
50	90.3	60.2	45.2	36.1	30.1	25.8	22.6	20.1	18.1	
51	94.4	62.9	47.2	37.8	31.5	27.0	23.6	21.0	18.9	
52	98.4	65.6	49.2	39.4	32.8	28.1	24.6	21.9	19.7	
53	102.4	68.3	51.2	41.0	34.2	29.3	25.6	22.8	20.5	
54	106.5	71.0	53.2	42.6	35.5	30.4	26.6	23.7	21.3	
55	110.5	73.7	55.3	44.2	36.8	31.6	27.6	24.6	22.1	
56	114.6	76.4	57.3	45.8	38.2	32.7	28.6	25.5	22.9	
57	118.6	79.1	59.3	47.4	39.5	33.9	29.6	26.4	23.7	
58	122.6	81.7	61.3	49.1	40.9	35.0	30.7	27.3	24.5	
59	126.7	84.4	63.3	50.7	42.2	36.2	31.7	28.1	25.3	
60	130.7	87.1	65.3	52.3	43.6	37.3	32.7	29.0	26.1	
65	139.9	93.3	70.0	56.0	46.6	40.0	35.0	31.1	28.0	
70	149.2	99.4	74.6	59.7	49.7	42.6	37.3	33.1	29.8	
75	158.4	105.6	79.2	63.4	52.8	45.3	39.6	35.2	31.7	
80	167.6	111.7	87.8	67.1	55.9	47.9	41.9	37.3	33.5	

**In-the-row-pesticides
Terraclor with Mocap (One outlet per row - One 5-inch Bander)
Uniroyal**

Gauge	Miles Per Hour									
	1	2	3	4	5	6	7	8	9	10
	<u>Rate in ounces per 1000 feet of row</u>									
15	13.1	6.6	4.4	3.3	2.6	2.2	1.9	1.6	1.5	1.3
16	15.4	7.7	5.1	3.8	3.1	2.6	2.2	1.9	1.7	1.5
17	17.6	8.8	5.9	4.4	3.5	2.9	2.5	2.2	2.0	1.8
18	19.9	9.9	6.6	5.0	4.0	3.3	2.8	2.5	2.2	2.0
19	22.1	11.1	7.4	5.5	4.4	3.7	3.2	2.8	2.5	2.2
20	24.4	12.2	8.1	6.1	4.9	4.1	3.5	3.0	2.7	2.4
21	27.3	13.7	9.1	6.8	5.5	4.6	3.9	3.4	3.0	2.7
22	30.2	15.1	10.1	7.6	6.0	5.0	4.3	3.8	3.4	3.0
23	33.1	16.6	11.0	8.3	6.6	5.5	4.7	4.1	3.7	3.3
24	36.1	18.0	12.0	9.0	7.2	6.0	5.2	4.5	4.0	3.6
25	39.0	19.5	13.0	9.7	7.8	6.5	5.6	4.9	4.3	3.9
26	42.6	21.3	14.2	10.7	8.5	7.1	6.1	5.3	4.7	4.3
27	46.3	23.1	15.4	11.6	9.3	7.7	6.6	5.8	5.1	4.6
28	49.9	24.9	16.6	12.5	10.0	8.3	7.1	6.2	5.5	5.0
29	53.5	26.8	17.8	13.4	10.7	8.9	7.6	6.7	5.9	5.4
30	57.1	28.6	19.0	14.3	11.4	9.5	8.2	7.1	6.3	5.7
31	62.3	31.1	20.8	15.6	12.5	10.4	8.9	7.8	6.9	6.2
32	67.4	33.7	22.5	16.9	13.5	11.2	9.6	8.4	7.5	6.7
33	72.6	36.3	24.2	18.1	14.5	12.1	10.4	9.1	8.1	7.3
34	77.7	38.9	25.9	19.4	15.5	13.0	11.1	9.7	8.6	7.8
35	82.8	41.4	27.6	20.7	16.6	13.8	11.8	10.4	9.2	8.3
36	88.5	44.2	29.5	22.1	17.7	14.7	12.6	11.1	9.8	8.8
37	94.1	47.0	31.4	23.5	18.8	15.7	13.4	11.8	10.5	9.4
38	99.7	49.9	33.2	24.9	19.9	16.6	14.2	12.5	11.1	10.0
39	105.4	52.7	35.1	26.3	21.1	17.6	15.1	13.2	11.7	10.5
40	111.0	55.5	37.0	27.7	22.2	18.5	15.9	13.9	12.3	11.1
41	118.0	59.0	39.3	29.5	23.6	19.7	16.9	14.8	13.1	11.8
42	125.0	62.5	41.7	31.3	25.0	20.8	17.9	15.6	13.9	12.5
43	132.1	66.0	44.0	33.0	26.4	22.0	18.9	16.5	14.7	13.2
44	139.1	69.6	46.4	34.8	27.8	23.2	19.9	17.4	15.5	13.9
45	146.1	73.1	48.7	36.5	29.2	24.4	20.9	18.3	16.2	14.6
46	202.3	101.2	67.4	50.6	40.5	33.7	28.9	25.3	22.5	20.2
47	258.5	129.2	86.2	64.6	51.7	43.1	36.9	32.3	28.7	25.8
48	314.7	157.3	104.9	78.7	62.9	52.4	45.0	39.3	35.0	31.5
49	370.8	185.4	123.6	92.7	74.2	61.8	53.0	46.4	41.2	37.1
50	427.0	213.5	142.3	106.8	85.4	71.2	61.0	53.4	47.4	42.7
55	485.8	242.9	161.9	121.5	97.2	81.0	69.4	60.7	54.0	48.6
60	544.6	272.3	181.5	136.1	108.9	90.8	77.8	68.1	60.5	54.5

**Thimet 15G & 20G
American Cyanamid**

Gauge	Miles Per Hour									
	2	3	4	5	6	7	8	9	10	
	<u>Rate in ounces per 1000 feet of row</u>									
9	3.6									
10	4.2									
11	5.2	3.4								
12	6.1	4.1								
13	7.1	4.7	3.6							
14	8.1	5.4	4.0							
15	9.1	6.0	4.5	3.6						
16	10.5	7.0	5.3	4.2	3.5					
17	12.0	8.0	6.0	4.8	4.0					
18	13.4	8.9	6.7	5.3	4.5	3.8				
19	14.9	9.9	7.4	5.9	5.0	4.2	3.7			
20	16.3	10.8	8.1	6.5	5.4	4.6	4.1	3.6		
21	18.3	12.2	9.2	7.3	6.1	5.2	4.6	4.1	3.7	
22	20.3	13.5	10.2	8.1	6.8	5.8	5.1	4.5	4.1	
23	22.4	14.9	11.2	8.9	7.5	6.4	5.6	5.0	4.5	
24	24.4	16.2	12.2	9.7	8.1	7.0	6.1	5.4	4.9	
25		17.6	13.2	10.6	8.8	7.5	6.6	5.9	5.3	
26		19.2	14.4	11.5	9.6	8.2	7.2	6.4	5.8	
27		20.8	15.6	12.5	10.4	8.9	7.8	6.9	6.2	
28		22.4	16.8	13.4	11.2	9.6	8.4	7.5	6.7	
29		24.0	18.0	14.4	12.0	10.3	9.0	8.0	7.2	
30			19.2	15.3	12.8	10.9	9.6	8.5	7.7	
31			20.9	16.7	13.9	11.9	10.4	9.3	8.4	
32			22.6	18.1	15.1	12.9	11.3	10.1	9.1	
33			24.4	19.5	16.2	13.9	12.2	10.8	9.7	
34				20.9	17.4	14.9	13.0	11.6	10.4	
35				22.3	18.6	15.9	13.9	12.4	11.1	
36				23.6	19.7	16.9	14.8	13.1	11.8	
37				25.0	20.9	17.9	15.6	13.9	12.5	
38					22.0	18.9	16.5	14.7	13.2	
39					23.2	19.9	17.4	15.4	13.9	
40					24.3	20.8	18.2	16.2	14.6	

CONVERSION FOR METRIC RATES (KG/HECTARE)

1. Determine ground speed in miles per hour.

2 miles per hour = 3.2 kilometers per hour

3 miles per hour = 4.8 kilometers per hour

4 miles per hour = 6.4 kilometers per hour

5 miles per hour = 8.0 kilometers per hour

6 miles per hour = 9.7 kilometers per hour

7 miles per hour = 11.3 kilometers per hour

8 miles per hour = 12.9 kilometers per hour

9 miles per hour = 14.5 kilometers per hour

10 miles per hour = 16.1 kilometers per hour

2. Determine rate in pounds per acre.

Multiply your rate in kilograms per hectare by 0.89 to obtain rate in pounds per acre. Use this number when following the instructions on page 1.

Legal Equivalents Adopted by Act of Congress, July 28, 1866

LENGTH

1 Centimeter = 0.3937 inches

1 Meter = 39.37 inches = 3.28 feet

1 Kilometer = 0.621 statute miles

1 Inch = 2.540 centimeters

1 foot = 30.48 centimeters

1 yard = 0.914 meters

1 Rod (16.5 ft) = 5.029 meters

1 Statute mile (5280 ft) = 1.61 kilometers

AREA

1 Hectare(10,000 sq. m) = 2.471 Acres

1 Acre(43,560 sq. ft) = 0.405 Hectares

WEIGHT

1 Gram = 0.035 ounces

1 kilogram = 2.205 pounds

1 ounce = 28.35 grams

1 pound = 0.4536 kilograms

WEIGHT PER AREA

1 Pound per Acre = 1.120 kilograms per Hectare

1 Kilogram per Hectare = 0.892 pounds per acre

1 Ounce per 1000 ft. = 9.30 grams per 100 meter

WEIGHT PER AREA WITH SPEED CHANGE

1 Ounce per 1000 ft.@ 1 mph = 14.88g./100 meter @ 1kph

Seeds for Cover Crop Strip Seeders
Flax Seed (20-inch Ro-Bander)
Sexauer Company

Gauge	<u>Miles Per Hour</u>									
	2	3	4	5	6	7	8	9	10	
	<u>Pounds Per Broadcast Acre</u>									
34	10.7									
35	11.5									
36	12.5									
37	13.6									
38	14.7	9.8								
39	15.8	10.5								
40	16.8	11.2								
41	18.6	12.4								
42	20.4	13.6	10.2							
43	22.1	14.8	11.1							
44	23.9	15.9	12.0							
45	25.7	17.1	12.8	10.3						
46	27.9	18.6	13.9	11.2						
47	30.1	20.1	15.0	12.0	10.0					
48	32.3	21.5	16.1	12.9	10.8					
49	34.5	23.0	17.2	13.8	11.5	9.8				
50	36.7	24.4	18.3	14.7	12.2	10.5				
51	39.5	26.3	19.8	15.8	13.2	11.3	9.9			
52	42.3	28.2	21.2	16.9	14.1	12.1	10.6			
53	45.2	30.1	22.6	18.1	13.1	12.9	11.3	10.0		
54	48.0	32.0	24.0	19.2	16.0	13.7	12.0	10.7		
55	50.8	33.9	25.4	20.3	16.9	14.3	12.1	11.3	10.2	
56		35.8	26.8	21.5	17.9	15.3	13.4	11.9	10.7	
57		37.7	28.3	22.6	18.8	16.1	14.1	12.6	11.3	
58		39.6	29.7	23.7	19.3	17.0	14.8	13.2	11.9	
59		41.5	31.1	24.9	20.7	17.8	13.5	13.8	12.4	
60		43.3	32.5	26.0	21.7	18.6	16.3	14.4	13.0	
65		59.5	44.6	25.7	29.7	25.5	22.3	18.8	17.8	
70			56.7	45.4	37.8	32.4	28.4	25.2	22.7	
75				52.5	43.7	37.5	22.8	29.4	26.2	
80					49.6	42.6	37.2	33.1	29.8	

Seeds for Cover Crop Strip Seeders
Yellow Mustard Seed (20-inch Ro-Bander)
Dutch Agri-Products Company

Gauge	<u>Miles Per Hour</u>									
	2	3	4	5	6	7	8	9	10	
	<u>Pounds Per Broadcast Acre</u>									
16	5.1									
17	6.4									
18	7.7	5.1								
19	8.9	5.9								
20	10.2	6.8	5.1							
21	11.6	7.7	5.8							
22	13.0	8.7	6.5	5.2						
23	14.4	9.6	7.2	5.8	4.8					
24	15.8	10.6	7.9	6.3	5.3					
25	17.3	11.5	8.6	6.9	5.8	4.9				
26	19.1	12.7	9.6	7.6	6.4	5.5	4.8			
27	21.0	14.0	10.5	8.4	7.0	6.0	5.2			
28		15.2	11.4	9.1	7.6	6.3	5.7	5.1		
29		16.5	12.3	9.9	8.2	7.1	6.2	5.5	4.9	
30		17.7	13.3	10.6	8.9	7.8	6.6	5.9	5.2	
31		19.4	14.6	11.7	9.7	8.3	7.3	6.5	5.8	
32		21.2	15.9	12.7	10.6	9.1	7.9	7.1	6.3	
33			17.2	13.7	11.4	9.8	8.6	7.6	6.9	
34			18.5	14.8	12.3	10.5	9.2	8.2	7.4	
35			19.8	15.8	13.2	11.5	9.9	8.8	7.9	
36				17.0	14.2	12.1	10.6	9.4	8.5	
37				18.2	15.2	13.0	11.4	10.1	9.1	
38				19.4	16.2	13.9	12.1	10.8	9.7	
39				20.6	17.2	14.7	12.9	11.4	10.3	
40					18.2	15.6	13.6	12.1	10.9	
41					19.3	16.5	14.4	12.8	11.6	
42					20.4	17.5	15.3	13.6	12.2	
43						18.4	16.1	14.3	12.0	
44						19.3	16.5	15.0	13.5	
45						20.3	17.8	15.8	14.2	
46							18.9	16.8	15.1	
47							20.0	17.7	16.0	
48								18.7	16.9	
49								19.7	17.7	
50								20.7	18.6	
51									19.7	
52									20.7	