



## Chemical / Seed Rate Charts: Gandy Spreaders 14 Series Linear / Broadcast Applicator

### 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.**

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# Chemical / Seed Rate Chart

## 14 Series Linear / Broadcast Applicator

Website: [www.gandy.net](http://www.gandy.net) / E-mail: [custsrv@gandy.net](mailto:custsrv@gandy.net)

### General Instructions

These charts are a starting point for finding the gauge setting for your spreader. Follow this procedure when using these charts.

- Determine the RATE.** Read the product label and determine the rate to be applied on pounds per acre.  
1 Acre = 43,560 square feet.

If rate is expressed in:	Multiply by:	To get rate in:
Pounds per acre	x 0.023	Pounds per 1,000 sq. feet
Pounds per 100 sq. ft.	x 10.0	Pounds per 1,000 sq. feet
Kilograms per Hectare	x 0.21	Pounds per 1,000 sq. feet
Kilograms per 100 sq. ft.	x 20.8	Pounds per 1,000 sq. feet

- Check your GROUND SPEED.** (Use these distances traveled in one minute):

1 mph	1-1/2 mph	2 mph	2-1/2 mph	3 mph	3-1/2 mph	4 mph	4-1/2 mph	5 mph
88 ft.	132 ft.	176 ft.	220 ft.	264 ft.	308 ft.	352 ft.	396 ft.	440 ft.

**Note:** Ground speed is an important factor in determining the application rate. For example, if you set your gauge for a rate based on 2 mph, but travel 1 mph, you will be applying twice the desired rate.

- Chose the GAUGE SETTING.**

Turn to the chart for your product. Under your speed find your rate, then read across to the gauge setting. Set the gauge using the top of the stop as the gauge point.

- Check your RESULTS.**

Manufactures of chemicals, fertilizers, 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:

- Suspend a calibration pan under spreader.
- Set Gauge.
- Place a sufficient amount of material in the spreader for a practice area.
- Cover a know area, such as 1,000 sq. ft.
- Weigh the contents of the calibration pan.
- Divide the weigh by the known area to determine rate applied.  
If necessary, adjust the gauge up or down and repeat.

## GENERAL INFORMATION

**Accurate application of granular chemicals depends on four variables:**

### **PRODUCT CHARACTERISTICS**

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 on page 2.

### **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 speeds 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 speeds 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).

## PROCEDURE

- 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	176	264	352	440	528	616	704	792	880

- 2. DETERMINE RATE:** From the product label. Find rate in pounds per acre.
- 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 cam to 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 RESULTS:**  
Collect output from six tubes (3 feet of hopper) for the time listed below and for your ground speed:

Speed	Time
7	2 min. 21 sec.
6½	2 min. 32 sec.
6	2 min. 45 sec.
5½	3 in. 0 sec.
5	3 min. 18 sec.
4½	3 min. 40 sec.
4	4 min. 7 sec.

Close slide; start electric or hydraulic motor drive; open slide for time listed in table; close slide; turn off motor.

Weigh the output in pounds – this equals lb/ 1/10 Acre. Multiply by 10 for pounds per acre.

## BROADCAST CHEMICALS

Directions:

1. Find rate in pounds per broadcast acre.
  - Broadcast applicators without tube stabilizers cover an area 6 inches wide with each opening. Use the rate as expressed. See example 1.
  - Broadcast applicators with tube stabilizers cover an area 6-5/8 inches wide with each opening. Add 10% to your rate to determine gauge settings. See example 2.
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.

**EXAMPLE 1** – without tube stabilizers: To apply Aatram 20G at 25 pounds per broadcast acre at 5 mph, go down the column under 5 mph to 22.4, then left to gauge setting 16. Your precise gauge setting is 16.8.

**EXAMPLE 2** – with tube stabilizers: To apply Aatram 20G at 25 pounds per broadcast acre at 5 mph, add 10% to your rate to get a corrected rate of 27.5. Go down the column under 5 mph to 26.2, then left to gauge setting 17. Your precise gauge setting is 17.5

Aatram 20G Helena		SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
GAUGE SETTINGS	2	3	4	5	6	7	8	9	10	11	12	
7	12.2											
8	15.0											
9	18.9	12.6										
10	24.1	16.0										
11	29.3	19.5	14.6									
12	33.8	22.5	16.9	13.5								
13		26.0	19.5	15.6	13.0							
14		30.0	22.5	18.0	15.0							
15		34.2	25.6	20.5	17.1	14.6						
16			28.0	22.4	18.7	16.0	14.0					
17			32.8	26.2	21.8	18.7	16.4	14.6				
18				29.0	24.2	20.7	18.1	16.1	14.5			
19				32.4	27.0	23.1	20.3	18.0	16.2			
20					30.3	26.0	22.7	20.2	18.2			
21					33.8	29.0	25.3	22.5	20.3			
22						31.9	27.9	24.8	22.4			
23							30.6	27.2	24.5			
24								33.1	29.4	26.5		
25									32.2	28.9		
26										31.2		

**BROADCAST HERBICIDES**  
with hopper openings or drop tubes spaced 6-inches apart.

Amiben 10G  
Amchem

GAUGE SETTINGS	SPEED IN MILES PER HOUR									
	2	3	4	5	6	7	8	9	10	
6	7.5									
7	12.2	8.1								
8	16.3	10.8								
9	19.8	13.2	9.9							
10	24.6	16.4	12.3	9.8						
11	26.9	17.9	13.5	10.8	9.0					
12	31.9	21.3	16.0	12.8	10.6	9.1	8.0			
13	40.0	26.7	20.0	16.0	13.3	11.4	10.0			
14	43.5	29.0	21.8	17.4	14.5	12.4	10.9	9.7	8.7	
15		35.5	26.7	21.3	17.8	15.2	13.3	11.8	10.7	
16		40.5	30.4	24.3	20.3	17.4	15.2	13.5	12.2	
17		45.3	34.0	27.2	22.7	19.4	17.0	15.1	13.6	
18			38.1	30.5	25.4	21.8	19.1	16.9	15.3	
19			41.0	32.8	27.3	23.4	20.5	18.2	16.4	
20				37.2	31.0	26.6	23.2	20.7	18.6	
21				41.4	34.5	29.5	25.9	23.0	20.7	
22					38.0	32.6	28.5	25.3	22.8	
23					42.0	36.0	31.5	28.0	25.2	
24						38.9	34.1	30.3	27.3	
25						41.6	36.4	32.3	29.1	
26							40.3	35.8	32.3	
27							43.9	39.1	35.2	
28								42.4	38.2	
29									41.0	

RATE IN POUNDS PER BROADCAST ACRE  
dF

Avadex 10G  
Monsanto

GAUGE SETTINGS	SPEED IN MILES PER HOUR									
	2	3	4	5	6	7	8	9	10	
10	21.3									
11	26.1									
12	31.0									
13	36.2	24.1								
14	41.6	27.7								
15		31.7	23.8							
16		36.2	27.1							
17		40.8	30.6	24.5						
18			34.3	27.4	22.9					
19			38.5	30.8	25.6					
20			42.2	33.8	28.1	24.1				
21				37.9	31.6	27.1	23.7			
22				41.7	34.7	29.8	26.1	23.2		
23					37.8	32.4	28.3	25.2		
24					40.8	35.0	30.6	27.2	24.5	
25						37.7	33.0	29.3	26.4	
26						40.6	35.5	31.6	28.4	
27							38.6	34.3	30.8	
28							41.5	36.9	33.2	
29								39.8	35.9	
30								41.5	38.1	
31									41.0	

RATE IN POUNDS PER BROADCAST ACRE  
jA

**BROADCAST HERBICIDES**  
with hopper openings or drop tubes spaced 6-inches apart.

Avadex BW  
Monsanto  
1979 Formulation

	2	3	4	5	6	7	8	9	10
7	10.3								
8	13.9	9.2							
9	17.4	11.6	8.7						
10		14.0	10.5	8.4					
11		17.4	13.1	10.4	8.7				
12			15.5	12.4	10.3	8.9			
13				14.4	12.0	10.3	9.0		
14				16.4	13.6	11.7	10.3	9.1	
15					15.2	13.0	11.7	10.1	9.1
16						14.9	13.0	11.6	10.4
17						16.7	14.9	13.0	11.7
18							16.7	14.4	13.0
19								15.9	14.3
20									15.6

jH

Balan 2.5G  
Elanco

	2	3	4	5	6	7	8	9	10
10	39								
11	49								
12	59	40							
13	69	46							
14	80	53	40						
15	90	60	45						
16	106	71	53	42					
17	122	81	61	49	41				
18		92	69	55	46				
19		103	77	62	51	44			
20		114	86	68	57	49	43		
21		129	97	77	64	55	48	43	
22			108	86	72	61	54	48	43
23			118	95	79	68	59	53	47
24			129	104	86	74	65	58	52
25				112	94	80	70	62	56
26				123	103	88	77	69	62
27					112	96	84	75	67
28					121	104	91	81	73
29						112	98	87	78
30						119	105	93	84
31						130	114	101	91
32							123	109	98
33								117	106
34								126	113
35									120
36									128

dJ



**BROADCAST HERBICIDES**  
with hopper openings or drop tubes spaced 6-inches apart.

Betasan 3.6G  
(Attaclay, off-white color)  
Stauffer

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE gF
	2	3	4	5	6	7	8	9	10		
37	265.00										
38	280.00										
39	291.00										
40	308.5										
45	370.7	247.1									
50		299.3									
55		356.7	267.5								
60			323.3								
65			339.0	271.2							
70			347.8	278.2							
75				286.0	238.3						
80				293.3	244.4	209.5	183.3	162.9	146.6		

Betasan 12.5G  
Attapulgate Clay  
(Attaclay)  
Stauffer  
Produced at Dayton, NJ  
or Omaha, NB

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE gF
	2	3	4	5	6	7	8	9	10		
20	79.1										
21	90.0										
22	102.0										
23		76.7									
24		86.7									
25		98.3	73.8								
26		108.3	81.2								
27			89.5								
28			97.5	78.0							
29			105.0	84.0							
30				90.3	75.2						
31				96.2	80.2						
32				102.4	85.3						
33					90.8	77.9					
34					96.0	82.3					
35					102.3	87.7	76.8				
36						92.9	81.3				
37						98.6	86.3	76.7			
38						104.4	91.4	81.2			
39							98.5	87.6	78.8		
40							105.1	93.4	84.1		
45								109.0	98.1		
50									116.1		

**BROADCAST HERBICIDES**  
with hopper openings or drop tubes spaced 6-inches apart.

Betasan 12.5G  
Trusorb Clay  
Stauffer  
Produced at N. Portland, OR

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10	11	
18	79										
19	88										
20	97										
21	109	72									
22		80									
23		87									
24		95									
25		103	77								
26			85								
27			93	74							
28			101	80							
29			109	87							
30				93	78						
31				102	85						
32					110	92	79				
33						99	85				
34						104	89	78			
35							97	85	75	10	
36							103	90	80		
37								95	84	76	
38								101	89	80	
39								106	94	85	
40									99	89	
45									125	113	

JH

Bexton 20G  
Dow

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10	11	
8	18.8										
9	24.4										
10	27.8	18.5									
11	34.3	22.8	17.1								
12	40.8	27.2	20.4								
13	46.8	31.2	23.4	18.7							
14		35.5	26.6	21.3	17.8						
15		40.4	30.3	24.3	20.2						
16		45.7	34.3	27.4	22.8	19.6					
17			39.3	31.4	26.2	22.4	19.6				
18			44.0	35.2	29.3	25.1	22.0	19.5			
19				39.6	33.0	28.3	24.7	22.0	19.8		
20				43.0	35.8	30.7	26.9	23.9	21.5		
21					39.7	34.0	30.0	26.4	23.8		
22					43.8	37.6	32.9	29.2	26.3		
23						42.7	37.4	33.2	29.9		
24							40.6	36.1	32.5		
25							44.2	39.3	35.4		
26								42.9	38.6		
27									41.4		

hG

**BROADCAST HERBICIDES**

with hopper openings or drop tubes spaced 6-inches apart.

Bladex 15G  
Shell

GAUGE SETTINGS	SPEED IN MILES PER HOUR									
	2	3	4	5	6	7	8	9	10	
7	18.8	12.5	9.4	7.5						
8	23.8	15.8	11.9	9.5	7.9	6.8				
9	31.5	21.0	15.7	12.6	10.5	9.0	7.9			
10		25.2	18.9	15.1	12.6	10.8	9.5	8.4	7.6	
11		29.8	22.4	17.9	14.9	12.8	11.2	9.9	9.0	
12			25.8	20.6	17.2	14.7	12.9	11.4	10.3	
13			30.8	24.6	20.5	17.6	15.4	13.7	12.3	
14				28.2	23.5	20.1	17.6	15.7	14.1	
15					27.2	23.3	20.4	18.2	16.3	
16					30.8	26.4	23.1	20.6	18.5	
17						29.8	26.1	23.2	20.9	
18							28.8	25.6	23.0	
19								29.3	26.4	
20									29.6	

RATE IN POUNDS PER BROADCAST ACRE  
dF

Casoran G4 (16-30 Mesh)  
Thompson Hayward

GAUGE SETTINGS	SPEED IN MILES PER HOUR									
	2	3	4	5	6	7	8	9	10	
18	44.5									
19	50.0									
20	57.5									
21	65.0									
22	70.5	47.0								
23	79.0	52.7								
24	85.0	56.7								
25	92.5	61.7	46.3							
26	102.0	68.0	51.0							
27	113.5	75.7	56.8							
28	124.0	82.7	62.0	49.6						
29	131.5	87.7	65.8	52.6						
30	140.0	93.3	70.0	56.0	46.7					
31	150.5	100.3	75.3	60.2	50.2					
32	162.5	108.3	81.3	65.0	54.2	46.4				
33	175.0	116.7	87.5	70.0	58.3	50.0				
34	185.0	123.3	92.5	74.0	61.7	52.9				
35	197.5	131.7	98.8	79.0	65.8	56.4	49.4			
36	205.0	136.7	102.5	82.0	68.3	58.6	51.3			
37	220.5	147.0	110.3	88.2	73.5	63.0	55.1	49.0		
38	234.0	156.0	117.0	93.6	78.0	66.9	58.5	52.0		
39	246.0	164.0	123.0	98.4	82.0	70.3	61.5	54.7	49.2	
40	264.0	176.0	132.0	105.6	88.0	75.4	66.0	58.7	52.8	
45	342.0	228.0	171.0	136.8	114.0	97.7	85.5	76.0	68.4	
50	426.3	284.2	213.1	170.5	142.1	121.8	106.6	94.7	85.3	
55	517.5	345.0	258.8	207.0	172.5	147.9	129.4	115.0	103.5	
60		408.3	306.3	245.0	204.2	175.0	153.1	136.1	122.5	
65		436.7	327.5	262.0	218.3	187.1	163.8	145.6	131.0	
70		467.5	350.6	280.5	233.8	200.4	175.3	155.8	140.3	

RATE IN POUNDS PER BROADCAST ACRE  
hG

**BROADCAST HERBICIDES**

with hopper openings or drop tubes spaced 6-inches apart.

Chem Hoe 15G  
PPG Industries

Sand core granule. We  
recommend using the  
Precision Resilient Rotor  
to avoid excessive wear.

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
9	20.7										
10	29.4										
11	38.1	25.4									
12	47.5	31.6	23.7								
13		38.0	28.5								
14		44.9	33.7	27.0							
15			39.6	31.7	26.4						
16			43.7	35.0	29.1	25.0					
17				40.8	34.0	29.1	25.5				
18				45.9	38.3	32.8	28.7	25.5			
19					42.8	36.7	32.1	28.6	25.7		
20						41.6	36.4	32.4	29.1		
21							40.0	35.6	32.0		
22								44.1	39.2	35.3	
23									43.6	39.3	
24										43.0	

dF

Dacthal 65  
Diamond Shamrock

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
24	150.0										
25	163.7										
26	177.9										
27	191.9										
28	206.0										
29	220.5	147.0									
30		157.3									
31		169.0									
32		181.0									
33		196.3	147.3								
34		205.0	153.8								
35		216.8	162.6								
36			172.0								
37			180.5	144.4							
38			189.3	151.4							
39			198.0	158.4							
40			207.0	165.6	138.0	118.3					
45			264.0	211.2	176.0	150.9	132.0				
50					214.0	183.4	160.5	142.7	128.4		
55						215.1	188.3	167.3	150.6		
60							217.1	193.0	173.7		

hC

**BROADCAST HERBICIDES**  
with hopper openings or drop tubes spaced 6-inches apart.

Dual 25G Ciba-Geigy  
Disk Mount

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
5	5.5										
6	8.1	5.4									
7	10.7	7.2	5.4								
8	14.5	9.7	7.3	5.8	4.8						
9	18.4	12.2	9.2	7.4	6.1	5.2					
10		14.8	11.1	8.9	7.4	6.3	5.5	4.9			
11		18.2	13.6	10.9	9.1	7.8	6.8	6.1	5.5		
12			16.2	13.0	10.8	9.3	8.1	7.2	6.5		
13				15.0	12.5	10.7	9.4	8.4	7.5		
14				17.1	14.3	12.2	10.7	9.5	8.6		
15					15.9	13.7	12.0	10.6	9.6		
16					18.4	15.7	13.8	12.2	11.0		
17						17.8	15.6	13.8	12.5		
18							17.4	15.4	13.9		
19								17.0	15.3		
20									16.8		

FN

For Etpam 10G chart lift page

Etpam 10G  
Kaolin Clay  
(Dark gray color)  
Stauffer  
Produced at Omaha, NB

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
9	19.0										
10	22.5										
11	29.5	19.7									
12	34.5	23.0									
13	39.5	26.3	19.8								
14	45.0	30.0	22.5	18.0							
15	54.6	36.4	27.3	21.8	18.2						
16	62.5	41.7	31.3	25.0	20.8	17.9					
17		46.7	35.0	28.0	23.3	20.0	17.5				
18		53.3	40.0	32.0	26.7	22.9	20.0	17.8			
19		60.0	45.0	36.0	30.0	25.7	22.5	20.0	18.0		
20		68.2	51.2	40.9	34.1	29.2	25.6	22.7	20.5		
21			57.5	46.0	38.3	32.9	28.8	25.6	23.0		
22			64.8	51.8	43.2	37.0	32.4	28.8	25.9		
23				57.8	48.2	41.3	36.1	32.1	28.9		
24				63.8	53.2	45.6	39.9	35.4	31.9		
25					57.8	49.5	43.3	38.5	34.7		
26					63.3	54.3	47.5	42.2	38.0		
27						59.1	51.8	46.0	41.4		
28						64.3	56.3	50.0	45.0		
29							61.1	54.3	48.9		
30								58.5	52.7		
31								62.3	56.1		
32									60.4		
33									65.0		

HF

Etpam 10G  
Trusorb Clay  
Stauffer  
Produced at N. Portland, OR

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
10	17.8										
11	22.8										
12	27.8	18.5									
13	33.0	22.0									
14	38.0	25.3	19.0								
15	43.1	28.7	21.6	17.2							
16	49.9	33.3	25.0	20.0							
17	56.3	37.5	28.1	22.5	18.8						
18	63.5	42.3	31.8	25.4	21.2	18.1					
19		46.8	35.1	28.1	23.4	20.1					
20		51.5	38.6	30.9	25.7	22.1	19.3				
21		57.5	43.1	34.5	28.8	24.6	21.6	19.2			
22		63.5	47.6	38.1	31.8	27.2	23.8	21.2	19.1		
23			52.4	41.9	34.9	29.9	26.2	23.3	20.9		
24			64.4	45.5	37.9	32.5	28.4	25.3	22.8		
25				49.1	40.9	35.1	30.7	27.3	24.6		
26				54.4	45.3	38.9	34.0	30.2	27.2		
27				59.6	49.7	42.6	37.3	33.1	29.8		
28				65.0	54.2	46.4	40.6	36.1	32.5		
29					58.7	50.3	44.0	39.1	35.2		
30					62.9	53.9	47.2	41.9	37.8		
31						58.7	51.4	45.7	41.1		
32						63.6	55.6	49.4	44.5		
33							59.9	53.2	47.9		
34							64.1	56.9	51.3		
35								60.8	54.7		
36								64.4	58.0		
37									61.4		

JH

**BROADCAST HERBICIDES**  
with hopper openings or drop tubes spaced 6-inches apart.

Evital 5%  
Sandoz - Wander

Sand core granule. We recommend using the Precision Resilient Rotor to avoid excessive wear.

Gauge Setting	Speed in Miles per Hour									
	2	3	4	5	6	7	8	9	10	
14	93.0									
15	106.5									
16	120.0									
17	135.0	90.0								
18	151.5	101.0								
19	166.5	111.0								
20		125.0	93.8							
21		140.0	105.0							
22		155.0	116.3	93.0						
23		170.0	127.5	102.0						
24			137.5	110.0	91.7					
25			153.8	123.0	102.5					
26			166.3	133.0	110.8	95.0				
27				146.0	121.7	104.3				
28				157.8	131.5	112.7	98.6			
29				168.6	140.5	120.4	105.4	93.7		
30					162.5	130.7	114.4	101.7		
31					165.7	142.0	124.3	110.4	99.4	
32						152.9	133.8	118.9	107.0	
33						163.6	143.1	127.2	114.5	
34							155.0	137.8	124.0	
35							162.5	144.4	130.0	
36								153.0	137.7	
37								162.2	146.0	
38									153.2	
39									160.0	
40									169.5	

RATE IN POUNDS PER BROADCAST ACRE

dG

Far-Go  
Monsanto  
1978 Carryover

Gauge Setting	Speed in Miles per Hour									
	2	3	4	5	6	7	8	9	10	
6	6.5									
7	11.0	7.3								
8	15.0	10.0								
9	19.0	12.7	9.5							
10		15.2	11.4	9.1						
11		18.4	13.8	11.0	9.2					
12			16.3	13.0	10.8	9.3				
13				15.2	12.7	10.9	9.5			
14				17.0	14.2	12.1	10.6	9.4	8.5	
15					17.1	14.6	12.8	11.4	10.3	
16						16.5	14.5	12.9	11.6	
17							16.3	14.4	13.0	
18								16.3	14.7	
19									16.4	

RATE IN POUNDS PER BROADCAST ACRE

dF

Far-Go 10G Monsanto 1979 production  
(See Avadex BW) page 5

**BROADCAST HERBICIDES**  
with hopper openings or drop tubes spaced 6-inches apart.

Furloe CIPC 10G  
PPG Industries

GAUGE SETTINGS	SPEED IN MILES PER HOUR									
	2	3	4	5	6	7	8	9	10	
9	19.9									
10	24.2	16.1								
11	30.0	20.0								
12	35.0	23.3	17.5							
13	40.0	26.6	20.0							
14	45.0	30.0	22.5	18.0						
15	50.7	33.8	25.3	20.3						
16	61.4	40.9	30.7	24.5	16.9	17.5				
17	70.0	46.6	35.0	28.0	23.3	20.0				
18	76.9	51.2	38.4	30.7	25.6	22.0	19.2			
19	84.0	56.0	42.0	33.6	28.0	24.0	21.0	18.7		
20	90.3	60.2	45.2	36.1	30.1	25.8	22.6	20.1	18.1	
21	100.5	67.0	50.3	40.2	33.5	28.7	25.1	22.3	20.1	
22	114.0	76.0	57.0	45.6	38.0	32.6	28.5	25.3	22.8	
23	125.0	83.3	62.5	50.0	41.7	35.7	31.3	27.8	25.0	
24		90.4	67.8	54.3	45.2	38.3	33.9	30.1	27.1	
25		97.6	72.5	58.0	48.3	41.4	36.3	32.2	29.0	
26		103.3	77.5	62.0	51.7	44.3	38.8	34.4	31.0	
27		110.4	82.8	66.2	55.2	47.3	41.4	36.8	33.1	
28		117.1	87.8	70.3	58.6	50.2	43.9	39.0	35.1	
29		127.3	95.5	76.4	63.7	54.6	47.8	42.4	38.2	
30			104.9	83.9	69.9	59.9	52.4	46.4	41.9	
31			110.5	88.4	73.7	63.1	55.3	49.1	44.2	
32			117.5	94.0	78.3	67.1	58.8	52.2	47.0	
33			125.0	100.0	83.3	71.4	62.5	55.6	50.0	
34				106.5	88.8	76.1	66.6	59.2	53.3	
35				113.6	94.7	81.1	71.0	63.1	56.8	
36				120.0	100.0	85.7	75.0	66.7	60.0	
37				127.0	105.8	90.7	79.4	70.6	63.5	
38					113.0	96.9	84.8	75.3	67.8	
39					119.7	102.6	89.8	79.8	71.8	
40					126.6	108.5	94.9	84.4	75.9	
45						128.6	112.5	100.0	90.0	
50							136.3	121.1	126.0	
55								140.0	142.6	

RATE IN POUNDS PER BROADCAST ACRE  
dF

### BROADCAST HERBICIDES

with hopper openings or drop tubes spaced 6-inches apart.

Furloe CIPC 20G  
PPG Industries

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
10	18.0										
11	22.5										
12	28.0	18.6									
13	34.0	22.6									
14	35.5	23.7	17.8								
15	46.0	30.6	23.0	18.4							
16	57.5	38.3	28.8	23.0	19.2						
17	60.5	40.3	30.3	24.2	20.2						
18	66.0	44.0	33.0	26.4	22.0	18.9					
19	75.0	50.0	37.5	30.0	25.0	21.4	18.8				
20	82.8	55.2	41.4	33.1	27.6	23.7	20.7	18.4			
21	95.0	63.3	47.5	38.0	31.7	27.1	23.7	21.1	19.0		
22	105.0	70.0	52.5	42.0	35.0	30.0	26.3	23.3	21.0		
23		75.3	56.5	45.2	37.7	32.3	28.3	25.1	22.6		
24		83.3	62.5	50.0	41.7	35.7	31.3	27.8	25.0		
25		90.0	67.5	54.0	45.0	38.6	33.8	30.0	27.0		
26		98.6	74.0	59.2	49.3	42.3	37.0	32.9	29.6		
27		106.3	79.8	63.8	53.2	45.6	39.9	35.4	31.9		
28			86.0	68.8	57.3	49.1	43.0	38.2	34.4		
29			93.8	75.0	62.5	53.6	46.9	41.7	37.5		
30			103.1	82.5	68.8	58.9	51.6	45.8	41.3		
31				88.4	73.7	63.1	55.3	49.1	44.2		
32				95.0	79.2	67.9	59.4	52.8	47.5		
33				102.0	85.0	72.9	63.8	56.7	51.0		
34					87.5	75.0	65.6	58.3	52.5		
35					92.5	79.3	69.4	61.7	55.5		
36					98.3	84.3	73.8	65.6	59.0		
37					104.5	89.6	78.4	69.7	62.7		
38						94.6	82.8	73.6	66.2		
39						102.1	89.4	79.4	71.5		
40							96.5	85.8	77.2		
45							115.0	102.2	92.0		
50									111.0		dF

Lasso II  
Monsanto

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
7	14.9										
8	19.7	13.1									
9	24.6	16.4									
10	29.4	19.6	14.7								
11		24.0	18.0	14.4							
12		28.3	21.3	17.0	14.2						
13			24.6	19.6	16.4						
14			27.8	22.3	18.6	15.9					
15				24.9	20.7	17.8	15.6				
16				28.4	23.7	20.3	17.8	15.8			
17					26.6	22.8	20.0	17.7	16.0		
18					29.6	25.3	22.2	19.7	17.7		
19						27.8	24.4	21.7	19.5		
20							26.6	23.6	21.3		
21							30.0	26.6	24.0		
22								29.6	26.7		
23									29.4		dJ



**BROADCAST HERBICIDES**  
with hopper openings or drop tubes spaced 6-inches apart.

Ordram 10G  
Kaolin Clay 18/40 mesh  
Stauffer  
Produced at N. Little Rock, AR  
1978 Carryover

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
9	12.5										
10	23.2										
11	27.0	18.0									
12	36.3	24.2	18.1								
13		28.9	21.7	17.4							
14		33.7	25.3	20.2							
15			29.4	23.5	19.6						
16			33.1	26.5	22.1	18.9					
17				29.7	24.7	21.2	18.5				
18				33.4	27.8	23.9	20.9	18.6			
19					30.8	26.4	23.1	20.6	18.5		
20					33.9	29.0	25.4	22.6	20.3		
21						32.4	28.4	25.2	22.7		
22							31.9	28.3	25.5		
23								31.0	27.9		
24									30.5		

Ordram 10G  
Kaolin Clay 16/40 mesh  
Stauffer  
Produced at N. Little Rock,  
AR and Richmond, CA  
1979 Production

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
9	18.3										
10	22.5										
11	29.0	19.3									
12	35.5	23.7	17.8								
13		28.0	21.0								
14		32.3	24.3	19.4							
15			27.5	22.0	18.3						
16			32.1	25.7	21.4	18.3					
17				29.2	24.3	20.9	18.3				
18				32.8	27.3	23.4	20.5	18.2			
19					30.3	25.9	22.7	20.2			
20					33.3	28.5	24.9	22.2	19.9		
21						32.3	28.3	25.1	22.6		
22							31.5	28.0	25.2		
23								30.9	27.9		
24									33.9	30.5	
25										33.1	

**BROADCAST HERBICIDES**

with hopper openings or drop tubes spaced 6-inches apart.

Princep 4G  
Geigy

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
17	45.9										
18	53.0										
19	60.5										
20	68.7	45.8									
21	76.5	51.0									
22	85.0	56.7									
23	94.0	62.7	47.0								
24	102.5	68.3	51.3								
25	112.4	74.9	56.2								
26	124.0	82.7	62.0	49.6							
27	136.2	90.8	68.1	54.5							
28		99.0	74.3	59.4	49.5						
29		107.3	80.5	64.4	53.7						
30		115.4	86.5	69.2	57.7	49.4					
31		126.7	95.0	76.0	63.3	54.3	47.5				
32		138.0	103.5	82.8	69.0	59.1	51.8				
33			112.3	89.8	74.8	64.1	56.1	49.9			
34			121.5	97.2	81.0	69.4	60.7	54.0	48.6		
35			130.3	104.2	86.8	74.4	65.1	57.9	52.1		
36				111.0	92.5	79.3	69.4	61.7	55.5		
37				117.8	98.2	84.2	73.7	65.5	58.9		
38				124.8	104.0	89.1	78.0	69.3	62.4		
39				131.6	109.7	94.0	82.3	73.1	65.8		
40					115.1	98.6	86.3	76.7	69.0		
45					153.3	131.4	115.0	102.2	92.0		
50							143.1	127.2	114.5		
60									136.8		

hc

Ramrod 20G  
Monsanto

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
9	17.5										
10	22.8										
11	28.4	18.9									
12	33.9	22.6									
13		25.3	19.0								
14		28.4	21.3								
15		33.1	24.9	19.9							
16			28.0	22.4	18.7						
17			31.5	25.2	21.0	18.0					
18				28.4	23.7	20.3	17.8				
19				31.4	26.2	22.4	19.6				
20					29.4	25.2	22.1	19.6			
21					32.5	27.9	24.4	21.7	19.5		
22						30.4	26.6	23.6	21.3		
23						33.6	29.4	26.1	23.5		
24							32.4	28.8	25.9		
25								32.2	29.0		
26									31.4		

df

**BROADCAST HERBICIDES**

with hopper openings or drop tubes spaced 6-inches apart.

Radox 20G  
Monsanto

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
8	15.0										
9	20.0										
10	25.7	17.1									
11	30.0	20.0									
21	36.3	24.2	18.1								
13		28.3	21.2								
14		32.3	24.3	19.4							
15			29.7	23.8	19.8						
16			31.3	25.0	20.8						
17				26.4	22.0						
18					27.8	23.2	19.9				
19					30.0	25.0	21.4	18.8			
20					32.6	27.2	23.3	20.4	18.1		
21						31.5	27.0	23.6	21.0	18.9	
22							30.9	27.0	24.0	21.6	
23								35.3	30.9	27.4	24.7
24									34.6	30.8	27.7
25										34.7	31.3

Ro-Neet 10G  
Attapulgate Clay  
(Attaclay)  
Stauffer  
Produced at N. Little Rock,  
AR or Omaha, NB

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
12	28.0										
13	32.0										
14	37.0										
15	41.9	27.9									
16		32.5									
17		37.0	27.8								
18			41.7	31.3							
19				34.8	27.8						
20				38.1	30.5						
21				43.0	34.4	28.7					
22					38.0	31.7					
23					41.6	34.7	29.7				
24						37.9	32.5	28.4			
25						41.1	35.2	30.8	27.4		
26							38.9	34.1	30.3		
27							42.6	37.3	33.2	29.9	
28								40.6	36.1	32.5	
29									39.0	35.1	
30										42.1	37.9
31											41.1

**BROADCAST HERBICIDES**  
with hopper openings or drop tubes spaced 6-inches apart.

Ro-Neet 10G  
Kaolin Clay  
(Dark gray color)  
Stauffer  
Produced at Omaha, NB

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
10	26.9										
11	31.8										
12	37.5										
13	42.5	28.3									
14		32.3									
15		38.1	28.6								
16		43.3	32.5	26.0							
17			37.5	30.0							
18			42.5	34.0	28.3						
19				37.0	30.8	26.4					
20				42.8	35.6	30.5					
21					39.3	33.7	29.5				
22					43.3	37.1	32.5	28.9			
23						40.7	35.6	31.7	28.5		
24						44.4	38.9	34.6	31.1		
25							42.8	38.1	34.3		
26								41.7	37.5		
27									40.5		
28										44.0	

Ro-Neet 10G (Trusorb Clay)  
Stauffer, Produced at N. Portland, OR

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
13	28.0										
14	32.0										
15	36.3										
16	42.0	28.0									
17		31.7									
18		35.3									
19		39.0	29.3								
20		42.9	32.2								
21			36.5	29.2							
22			40.8	32.6	27.2						
23			45.0	36.0	30.0						
24				39.5	32.9	28.2					
25				43.0	35.8	30.7					
26					39.5	33.9	29.6				
27					43.2	37.0	32.4	28.8			
28						40.1	35.1	31.2	28.1		
29						43.3	37.9	33.7	30.3		
30							40.6	36.1	32.5		
31							44.5	39.6	35.6		
32								43.2	38.6		
33									41.7		

**BROADCAST HERBICIDES**  
with hopper openings or drop tubes spaced 6-inches apart.

Ronstar G 2%  
Rhodia

GAUGE SETTINGS	SPEED IN MILES PER HOUR									
	2	3	4	5	6	7	8	9	10	
24	98									
25	107									
26	118									
27	129									
28	140	93								
29	152	101								
30	163	109								
31	178	118								
32	192	128	96							
33	206	137	103							
34		147	110							
35		156	117							
36		165	124	99						
37		175	131	105						
38		184	138	110						
39		193	145	116	97					
40		203	153	122	102	87	76			
45			200	160	133	114	100	89	80	
50			249	199	166	142	125	111	100	
55				231	192	165	144	128	115	
60					218	187	164	146	131	
65						202	177	157	141	
70							190	169	152	
75							193	171	154	
80							195	174	156	

hH

Sutan + 10G  
Attapulgate Clay  
(Attaclay)  
Stauffer  
Produced at Omaha, NB

GAUGE SETTINGS	SPEED IN MILES PER HOUR									
	2	3	4	5	6	7	8	9	10	
13	27.0									
14	32.0									
15	38.2									
16	43.6	29.0								
17		32.5								
18		36.3	27.3							
19		40.8	30.6							
20		46.3	34.7	27.8						
21			38.7	31.0						
22			42.2	33.8	28.2					
23				37.0	30.8					
24				40.5	33.8	28.9				
25				44.5	37.1	31.8	27.8			
26					40.8	35.0	30.6	27.2	10	
27					44.2	37.9	33.1	29.4		
28						41.2	36.1	32.1	28.9	
29							38.9	34.6	31.1	
30							42.5	37.8	34.0	
31								40.7	36.6	
32								43.4	39.1	
33									42.0	

hG

**BROADCAST HERBICIDES**  
with hopper openings or drop tubes spaced 6-inches apart.

Sutan +/Atrazine 18-6G  
Stauffer

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
8	13.3										
9	17.3	11.5									
10	21.3	14.2									
11	27.5	18.3	13.8								
12		22.5	16.9								
13		26.5	19.9	15.9							
14			23.0	18.4	15.3						
15				20.9	17.4	14.9					
16				24.2	20.2	17.3	15.1				
17					22.9	19.6	17.2	15.3			
18					25.8	22.1	19.3	17.2	15.5		
19						24.5	21.4	19.1	17.2		
20							23.7	21.0	18.9		
21								23.4	21.1		
22									23.7		

kJ

Tillam 10G  
Kaolin Clay  
(Dark gray color)  
Stauffer  
Produced at Tampa, FL  
or N. Little Rock, AR

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
13	39.5										
14	46.0										
15	53.2	35.4									
16	62.5	41.7									
17		47.3	35.5								
18		53.3	40.0								
19		59.0	44.3								
20		65.8	49.4	39.5							
21			55.3	44.2	36.9						
22			61.3	49.0	40.8						
23				55.0	45.8	39.3					
24				60.2	50.2	43.0	37.6				
25				66.3	55.2	47.3	41.4	36.8			
26					60.7	52.0	45.5	40.4			
27					65.8	56.4	49.4	43.9	39.5		
28					60.9	53.3	47.3	42.6			
29					65.7	57.5	51.1	46.0			
30						62.7	55.7	50.1			
31							60.5	54.5			
32								65.6	59.0		
33									63.5		

gF

**BROADCAST HERBICIDES**  
with hopper openings or drop tubes spaced 6-inches apart.

Treflan QR5  
Elanco (Canada)

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
5	2.2										
6	8.8										
7	15.7	10.4									
8	23.8	15.8	11.9	9.5							
9	33.8	22.5	16.9	13.5	11.3						
10		27.9	21.0	16.8	14.0	12.0	10.5				
11		35.3	26.5	21.2	17.7	15.1	13.3	11.8	10.6		
12			32.1	25.7	21.4	18.4	16.1	14.3	12.9		
13				30.2	25.2	21.6	18.9	16.8	15.1		
14					28.9	24.8	21.7	19.3	17.4		
15					32.7	28.0	24.5	21.8	19.6		
16						32.4	28.4	25.2	22.7		
17							32.3	28.7	25.9		
18								32.1	28.9		
19									32.1		

fK

Treflan 5G  
Elanco

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
5	5.7										
6	10.7	7.1									
7	15.7	10.4	7.8								
8	20.7	13.8	10.3	8.3							
9	25.7	17.1	12.8	10.3	8.6						
10		20.4	15.3	12.3	10.2	8.8					
11		24.8	18.6	14.9	12.4	10.6	9.3				
12			21.8	17.5	14.6	12.5	10.9	9.7	8.7		
13				20.1	16.7	14.3	12.5	11.1	10.0		
14				22.7	18.9	16.2	14.2	12.6	11.3		
15					21.1	18.0	15.8	14.0	12.6		
16						20.2	17.7	15.7	14.1		
17						22.3	19.5	17.3	15.6		
18							21.4	19.0	17.1		
19								20.6	18.6		
20								22.3	20.1		
21									22.3		

fJ

**BROADCAST HERBICIDES**  
with hopper openings or drop tubes spaced 6-inches apart.

Treflan TR-10 Elanco  
Disk Mount

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
5	6.3	4.2									
6	9.3	6.2	4.7								
7	12.3	8.2	6.2	4.9	4.1						
8		10.8	8.1	6.5	5.4	4.6					
9			10.0	8.0	6.7	5.7	5.0	4.5			
10				9.6	8.0	6.8	6.0	5.3	4.8		
11					11.7	9.7	8.3	7.3	6.5	5.8	
12						11.5					
13							11.3	9.9	8.8	7.9	
14								11.2	10.0	9.0	
15									11.1	10.0	fN

For Treflan Specialty chart lift page

Treflan Specialty  
Elanco

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
15	22.5										
16	26.5	17.7									
17	30.8	20.5									
18	35.0	23.3									
19	39.0	26.0	19.5								
20	43.5	29.0	21.8	17.4							
21	50.5	33.7	25.3	20.2							
22	57.3	38.2	28.6	22.9	19.1						
23	64.0	42.7	32.0	25.6	21.3	18.3					
24	71.0	47.3	35.5	28.4	23.7	20.3					
25	77.5	51.7	38.8	31.0	25.8	22.1	19.4				
26	85.8	57.2	42.9	34.3	28.6	24.5	21.4	19.1			
27		62.3	46.8	37.4	31.2	26.7	23.4	20.8	18.7		
28		68.0	51.0	40.8	34.0	29.1	25.5	22.7	20.4		
29		73.3	55.0	44.0	36.7	31.4	27.5	24.4	22.0		
30		78.3	58.8	47.0	39.2	33.6	29.4	26.1	23.5		
31		85.3	64.0	51.2	42.7	36.6	32.0	28.4	25.6		
32			69.0	55.2	46.0	39.4	34.5	30.7	27.6		
33			74.0	59.2	49.3	42.3	37.0	32.9	29.6		
34			79.0	63.2	52.7	45.1	39.5	35.1	31.6		
35			81.4	65.1	54.3	46.5	40.7	36.2	32.6		
36				71.1	59.3	50.8	44.4	39.5	35.6		
37					75.1	62.6	53.6	46.9	41.7	37.6	
38					79.0	65.8	56.4	49.4	43.9	39.5	
39					82.8	69.0	59.1	51.8	46.0	41.4	
40						75.9	65.1	57.0	50.6	45.6	
45							96.4	82.6	72.3	64.3	57.9
50								90.1	80.1	72.1	
55									102.0	92.1	fJ

Vegadex 20G  
Monsanto

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
7	8.5										
8	11.5	7.7									
9	16.0	10.7	8.0								
10	20.3	13.5	10.1	8.1							
11	25.5	17.0	12.8	10.2	8.5						
12	30.5	20.3	15.3	12.2	10.2	8.7					
13	35.5	23.7	17.8	14.2	11.8	10.1	8.9				
14	40.5	27.0	20.3	16.2	13.5	11.6	10.1	9.0			
15	45.9	30.6	22.9	18.3	15.3	13.1	11.5	10.2	9.2		
16		35.0	26.3	21.0	17.5	15.0	13.1	11.7	10.5		
17		39.5	29.6	23.7	19.8	16.9	14.8	13.2	11.9		
18		44.0	33.0	26.4	22.0	18.9	16.5	14.7	13.2		
19		48.3	36.3	29.0	24.2	20.7	18.1	16.1	14.5		
20			39.9	31.9	26.6	22.8	19.9	17.7	15.5		
21			44.0	35.2	29.3	25.1	22.0	19.6	17.6		
22			48.6	38.9	32.4	27.8	24.3	21.6	19.5		
23				42.4	35.3	30.3	26.5	23.6	21.2		
24				46.1	38.4	32.9	28.8	25.6	23.0		
25					41.5	35.6	31.1	27.7	24.9		
26					45.0	38.6	33.8	30.0	27.0		
27					48.5	41.6	36.4	32.3	29.1		
28						44.7	39.1	34.8	31.3		
29						47.9	41.9	37.2	33.5		
30						44.6	39.7	35.7	31.7		
31						48.4	43.0	38.7	34.7		
32							46.7	42.0	37.7		
33								45.1	36.7		



**BROADCAST HERBICIDES**

with hopper openings or drop tubes spaced 6-inches apart.

Vernam 10G  
 Kaolin Clay  
 (Dark gray color)  
 Stauffer  
 Produced at Omaha, NB

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
9	19.5										
10	24.7										
11	29.5	19.7									
12	34.5	23.0	17.3								
13		26.7	20.0								
14		30.7	23.0	18.4							
15		35.2	26.4	21.1	17.6						
16			30.3	24.2	20.2	17.3					
17			35.0	28.0	23.3	20.0	17.5				
18				32.0	26.7	22.9	20.0	17.8			
19					31.3	26.9	23.5	20.9	18.8		
20						30.7	26.9	23.9	21.5		
21							33.7	29.5	26.2	23.6	
22								32.4	28.8	25.9	
23									31.6	28.4	
24										31.1	

gF

Weed Rhap 2,4-D 30%

15-30 Mesh

Transvaal Inc.

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
7	6.0	4.0	3.0	2.4	2.0						
8	9.8	6.5	4.9	3.9	3.3	2.8	2.5	2.2			
9	13.7	9.1	6.8	5.5	4.6	3.9	3.4	3.0	2.7		
10	17.5	11.7	8.8	7.0	5.8	5.0	4.4	3.9	3.5		
11	23.0	15.3	11.5	9.2	7.7	6.6	5.8	5.1	4.6		
12		19.0	14.3	11.4	9.5	8.1	7.1	6.3	5.7		
13		22.7	17.0	13.6	11.3	9.7	8.5	7.6	6.8		
14			20.0	15.8	13.2	11.3	9.8	8.8	7.9		
15			22.5	18.0	15.0	12.9	11.3	10.0	9.0		
16				21.0	17.5	15.0	13.1	11.6	10.5		
17				23.9	19.9	17.1	14.9	13.3	12.0		
18					22.4	19.2	16.8	14.9	13.4		
19						21.3	18.6	16.6	14.9		
20							20.5	18.2	16.4		
21	92							22.9	20.4	18.3	
22	102								22.6	20.3	

dl

**BROADCAST PESTICIDES and INOCULANTS**  
with hopper openings or drop tubes spaced 6-inches apart.

AMDRO Fire Ant Bait  
American Cyanamid

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
10	1.0										
11	1.3	.8									
12	1.6	1.0	.8								
13	1.9	1.3	1.0								
14		1.5	1.1	.9							
15		1.7	1.3	1.0	.8						
16			1.5	1.2	1.0	.8					
17			1.7	1.4	1.1	1.0	.9				
18				1.5	1.3	1.1	1.0	.8			
19				1.7	1.4	1.2	1.1	.9			
20					1.6	1.3	1.2	1.0	.9		
21					1.9	1.6	1.4	1.3	1.1		
22						1.9	1.7	1.5	1.3		
23								1.7	1.5		
24									1.7		

ek

Aspon 5GA  
(Attaclay, off-white color)  
Stauffer

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
32	14.2										
33	16.6										
34											
35		14.4									
36		16.0									
37											
38			14.5								
39			15.8								
40				13.7							
45				17.3	14.4						
50					17.4	14.9	13.1				
55						17.5	15.3	13.6			
60							17.6	15.6			
65											
70										14.9	
75										16.0	

kC

**BROADCAST PESTICIDES and INOCULANTS**  
with hopper openings or drop tubes spaced 6-inches apart.

Belt 33.3G  
Velsicol

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
7	3.8	2.5	1.9								
8	6.8	4.5	3.4	2.7	2.3						
9	9.8	6.5	4.9	3.9	3.3	2.8	2.5				
10	12.5	8.3	6.3	5.0	4.2	3.6	3.1	2.8	2.5		
11	18.0	12.0	9.0	7.2	6.0	5.1	4.5	4.0	3.6		
12	23.0	15.3	11.5	9.2	7.7	6.6	5.8	5.1	4.6		
13	28.0	18.7	14.0	11.2	9.3	8.0	7.0	6.2	5.6		
14	33.0	22.0	16.5	13.2	11.0	9.4	8.3	7.3	6.6		
15		25.4	19.1	15.3	12.7	10.9	9.5	8.5	7.6		
16		30.7	23.0	18.4	15.3	13.1	11.5	10.2	9.2		
17			27.1	21.7	18.1	15.5	13.5	12.0	10.8		
18			31.2	25.0	20.8	17.8	15.6	13.9	12.5		
19				28.2	23.5	20.1	17.6	15.7	14.1		
20				31.5	26.3	22.5	19.7	17.5	15.8		
21					30.3	26.0	22.7	20.2	18.2		
22						29.7	26.0	23.1	20.8		
23							33.4	29.3	26.0	23.4	
24								32.5	28.9	26.0	
25									31.7	28.5	
26										31.0	

JA

Dasanit 15G  
Chemagro

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
9	15.5										
10	20.7										
11	25.5	17.0									
12	30.5	20.3									
13	35.0	23.3	17.5								
14	40.0	26.7	20.0								
15	46.9	31.3	23.5	18.8							
16	58.4	38.9	29.2	23.4	19.5						
17	60.0	40.0	30.0	24.0	20.0						
18	65.4	43.6	32.7	26.2	21.8	18.7					
19	71.0	47.3	35.5	28.4	23.7	20.3	17.8				
20		54.6	41.0	32.8	27.3	23.4	20.5	18.2			
21		61.3	46.0	36.8	30.7	26.3	23.0	20.4	18.4		
22		67.3	50.5	40.4	33.7	28.9	25.3	22.4	20.2		
23			56.5	45.2	37.7	32.3	28.3	25.1	22.6		
24			60.0	48.0	40.0	34.3	30.0	26.7	24.0		
25			66.6	53.3	44.4	38.0	33.3	29.6	26.6		
26			72.5	58.0	48.3	41.4	36.3	32.2	29.0		
27				63.8	53.2	45.6	39.9	35.4	31.9		
28				68.2	56.8	48.7	42.6	37.9	34.1		
29					60.6	52.0	45.5	40.4	36.4		
30					65.4	56.1	49.1	43.6	39.3		
31					70.0	60.0	52.5	46.7	42.0		
32						64.4	56.4	50.1	45.1		
33						69.6	60.9	54.1	48.7		
34							65.2	58.0	52.2		
35							70.0	62.2	56.0		
36								66.6	59.9		
37								70.3	63.3		
38									67.0		

hF

**BROADCAST PESTICIDES and INOCULANTS**  
with hopper openings or drop tubes spaced 6-inches apart.

Dasanit - Di-Syston 10-5G  
Chemagro

GAUGE SETTINGS	SPEED IN MILES PER HOUR									
	2	3	4	5	6	7	8	9	10	
15	51.0									
16	57.5									
17										
18										
19		52.3								
20		60.0								
21			49.4							
22			54.3							
23			60.0							
24				53.0						
25				59.0						
26					53.3					
27					57.5					
28						53.0				
29						57.0				
30							53.6			
31							57.5	51.1		
32								55.1		
33									53.7	
34										57.6

RATE IN POUNDS PER BROADCAST ACRE  
hF

Diazinon 14G  
Ciba-Geigy

GAUGE SETTINGS	SPEED IN MILES PER HOUR									
	2	3	4	5	6	7	8	9	10	
15	26.1	17.4	13.1	10.4	8.7	7.5	6.5	5.8		
16	31.5	21.0	15.8	12.6	10.5	9.0	7.9	7.0	6.3	
17		25.0	18.8	15.0	12.5	10.7	9.4	8.3	7.5	
18		28.9	21.7	17.4	14.5	12.4	10.9	9.6	8.7	
19			24.7	19.8	16.5	14.1	12.4	11.0	9.9	
20			27.8	22.2	18.5	15.9	13.9	12.3	11.1	
21			31.1	24.9	20.8	17.8	15.6	13.8	12.5	
22				27.8	23.2	19.9	17.4	15.4	13.9	
23				30.7	25.6	21.9	19.2	17.1	15.4	
24					28.0	24.0	21.0	18.7	16.8	
25					30.6	26.2	23.0	20.4	18.4	
26						28.6	25.0	22.2	20.0	
27							27.4	24.3	21.9	
28							29.7	26.4	23.7	
29								28.5	25.6	
30									30.7	
31										30.5

RATE IN POUNDS PER BROADCAST ACRE  
hc

**BROADCAST PESTICIDES and INOCULANTS**  
with hopper openings or drop tubes spaced 6-inches apart.

		SPEED IN MILES PER HOUR										
		2	3	4	5	6	7	8	9	10		
GAUGE SETTINGS	Di-Syston 15G	6	6.4	4.3								
	Chemagro	7	10.7	7.1	5.3							
		8	14.5	9.7	7.3	5.8						
		9	16.9	11.3	8.5	6.8	5.6					
		10	20.7	13.8	10.3	8.3	6.9	5.9				
		11	25.5	17.0	12.8	10.2	8.5	7.3	6.4	5.7	5.1	
		12	33.0	22.0	16.5	13.2	11.0	9.4	8.3	7.3	6.6	
		13	39.5	26.3	19.8	15.8	13.2	11.3	9.9	8.8	7.9	
		14	41.5	27.7	20.8	16.6	13.8	11.9	10.4	9.2	8.3	
		15	45.7	30.4	22.8	18.3	15.2	13.0	11.4	10.1	9.1	
		16	52.5	35.0	26.3	21.0	17.5	15.0	13.1	11.7	10.5	
		17	59.5	39.7	29.8	23.8	19.8	17.0	14.9	13.2	11.9	
		18		43.3	32.5	26.0	21.7	18.6	16.3	14.4	13.0	
		19		47.3	35.5	28.4	23.7	20.3	17.8	15.8	14.2	
		20		54.2	40.6	32.5	27.1	23.2	20.3	18.1	16.3	
		21			45.0	36.0	30.0	25.7	22.5	20.0	18.0	
		22			51.2	41.0	34.1	29.3	25.6	22.8	20.5	
		23			55.5	44.4	37.0	31.7	27.8	24.7	22.2	
		24				49.8	41.5	35.6	31.1	27.7	24.9	
		25				54.3	45.2	38.8	33.9	30.1	27.1	
		26					50.0	42.9	37.5	33.3	30.0	
		27					53.8	46.1	40.4	35.9	32.3	
		28					57.8	49.6	43.4	38.6	34.7	
		29						52.9	46.3	41.1	37.0	
		30						57.9	50.6	45.0	40.5	
		31							55.6	49.4	44.5	
		32								52.3	47.1	
		33								56.1	50.5	
		34									54.1	

Dyfonate 10G  
Attapulgitic Clay  
(Attaclay)  
Stauffer  
Produced at Tampa, FL,  
Omaha, NB or Dayton, NJ

		SPEED IN MILES PER HOUR										
		2	3	4	5	6	7	8	9	10		
GAUGE SETTINGS	7	9.4	6.3	4.7	3.8	3.1	2.7	2.4				
	8	13.4	8.9	6.7	5.4	4.5	3.8	3.4	3.0	2.7		
	9	17.5	11.7	8.8	7.0	5.8	5.0	4.4	3.9	3.5		
	10	22.2	14.8	11.1	8.9	7.4	6.3	5.6	4.9	4.4		
	11	27.4	18.2	13.7	10.9	9.1	7.8	6.8	6.1	5.5		
	12	32.5	21.7	16.3	13.0	10.8	9.3	8.1	7.2	6.5		
	13	37.5	25.0	18.8	15.0	12.5	10.7	9.4	8.3	7.5		
	14	42.5	28.3	21.3	17.0	14.2	12.1	10.6	9.4	8.5		
	15		32.3	24.2	19.4	16.2	13.8	12.1	10.8	9.7		
	16		37.3	28.0	22.4	18.6	16.0	14.0	12.4	11.2		
	17		42.5	31.9	25.5	21.3	18.2	15.9	14.2	12.8		
	18			36.3	29.0	24.2	20.7	18.1	16.1	14.5		
	19			40.8	32.6	27.2	23.3	20.4	18.1	16.3		
20			44.1	35.3	29.4	25.2	22.0	19.6	17.6			
21				39.6	33.0	28.3	24.7	22.0	19.8			
22				42.9	35.7	30.6	26.8	23.8	21.4			
23					39.2	33.6	29.4	26.1	23.5			
24					42.5	36.4	31.9	28.3	25.5			
25						40.9	35.8	31.8	28.6			
26						44.6	39.1	34.7	31.3			
27							42.8	38.1	34.3			
28								40.9	36.8			
29								44.7	40.3			
30									42.9			

RATE IN POUNDS PER BROADCAST ACRE

RATE IN POUNDS PER BROADCAST ACRE

hF

**BROADCAST PESTICIDES and INOCULANTS**  
with hopper openings or drop tubes spaced 6-inches apart.

Dyfonate 10G  
Trusorb Clay  
Stauffer  
Produced at N. Portland,  
OR

GAUGE SETTINGS	SPEED IN MILES PER HOUR									
	2	3	4	5	6	7	8	9	10	
7	9.4									
8	13.3	8.8								
9	17.1	11.4	8.6							
10	21.0	14.0	10.5	8.4						
11	25.6	17.1	12.8	10.2	8.5					
12	30.3	20.2	15.1	12.1	10.1	8.6				
13	34.9	23.3	17.5	14.0	11.6	10.0	8.7			
14	39.5	26.3	19.8	15.8	13.2	11.3	9.9	8.8		
15	44.1	29.4	22.0	17.6	14.7	12.6	11.0	9.8	8.8	
16		34.3	25.8	20.6	17.2	14.7	12.9	11.4	10.3	
17		39.3	29.5	23.6	19.6	16.8	14.7	13.1	11.8	
18		44.1	33.1	26.4	22.0	18.9	16.5	14.7	13.2	
19			36.8	29.4	24.5	21.0	18.4	16.3	14.7	
20			40.5	32.4	27.0	23.1	20.2	18.0	16.2	
21			45.9	36.7	30.6	26.2	22.9	20.4	18.4	
22				41.1	34.3	29.4	25.7	22.8	20.6	
23					37.9	32.5	28.4	25.3	22.7	
24					41.6	35.6	31.2	27.7	25.0	
25						38.8	33.9	30.1	27.1	
26						42.6	37.3	33.1	29.8	
27							40.7	36.2	32.6	
28							44.0	39.1	35.2	
29								42.1	37.9	
30									40.5	

jH

Dyfonate 20G  
Attapulgitte Clay  
(Attaclay)  
Stauffer  
Produced at Tampa, FL.  
Omaha, NB or Dayton, NJ

GAUGE SETTINGS	SPEED IN MILES PER HOUR									
	2	3	4	5	6	7	8	9	10	
6	5.5	3.7	2.8	2.2	1.8	1.6				
7	9.1	6.0	4.5	3.6	3.0	2.6	2.3	2.0	1.8	
8	14.0	9.3	7.0	5.6	4.7	4.0	3.5	3.1	2.8	
9	18.4	12.3	9.2	7.4	6.1	5.3	4.6	4.1	3.7	
10	23.8	15.8	11.9	9.5	7.9	6.8	5.9	5.3	4.8	
11		19.3	14.5	11.6	9.7	8.3	7.3	6.4	5.8	
12		23.0	17.3	13.8	11.5	9.9	8.6	7.7	6.9	
13			20.0	16.0	13.3	11.4	10.0	8.9	8.0	
14			22.5	18.0	15.0	12.9	11.3	10.0	9.0	
15				20.8	17.3	14.8	13.0	11.5	10.4	
16				24.0	20.0	17.1	15.0	13.3	12.0	
17					22.7	19.4	17.0	15.1	13.6	
18						21.7	19.0	16.9	15.2	
19							21.0	18.7	16.8	
20								20.1	18.1	
21									22.1	19.9
22										22.2

hF

**BROADCAST PESTICIDES and INOCULANTS**  
with hopper openings or drop tubes spaced 6-inches apart.

Dyfonate 20G  
Trusorb Clay  
Stauffer  
Produced at N. Portland, OR

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
5	2.5										
6	6.1	4.1									
7	9.7	6.5	4.9	3.9							
8	13.5	9.0	6.8	5.4	4.5						
9	17.1	11.4	8.5	6.8	5.7	4.9	4.3				
10	20.7	13.8	10.3	8.3	6.9	5.9	5.2	4.6	4.1		
11	26.0	17.3	13.0	10.4	8.7	7.4	6.5	5.8	5.2		
12		20.9	15.7	12.6	10.5	9.0	7.9	7.0	6.3		
13		24.5	18.4	14.7	12.3	10.5	9.2	8.2	7.4		
14			21.0	16.8	14.0	12.0	10.5	9.3	8.4		
15			23.8	19.0	15.8	13.6	11.9	10.6	9.5		
16				22.4	18.6	16.0	14.0	12.4	11.2		
17					21.3	18.3	16.0	14.2	12.8		
18						20.8	18.2	16.2	14.6		
19						23.2	20.3	18.1	16.3		
20							22.4	19.9	17.9		
21								22.3	20.1		
22									22.3		

jH

Ethion 5G  
FMC Corporation

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
28	187.5										
29	202.5										
30											
31											
32											
33											
34		195.0									
35		205.6									
36											
37											
38											
39			197.8								
40			211.0								
45				192.0							
50				222.7	185.6						
55					220.7	189.1					
60						226.3	198.1				
65							209.8				
70											
75								197.6			
80								207.2	186.5		

dF

**BROADCAST PESTICIDES and INOCULANTS**  
with hopper openings or drop tubes spaced 6-inches apart.

Sand core granule. We  
recommend using the  
Precision Resilient Rotor  
to avoid excessive wear.

Furadan 10G  
Sand Core  
FAC & Chemagro

SPEED IN MILES PER HOUR

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
5	4.9	3.2	2.4								
6	10.0	6.7	5.0	4.0	3.3	2.9	2.5				
7	20.0	13.3	10.0	8.0	6.7	5.7	5.0	4.4	4.0		
8	29.5	19.7	14.8	11.8	9.8	8.4	7.4	6.6	5.9		
9	38.8	25.8	19.4	15.8	12.9	11.1	9.7	8.6	7.8		
10	49.4	32.9	24.7	19.8	16.5	14.1	12.4	11.0	9.9		
11		38.7	29.0	23.2	19.3	16.6	14.5	12.9	11.6		
12		45.8	34.4	27.5	22.9	19.6	17.2	15.3	13.8		
13			40.0	32.0	26.7	22.9	20.0	17.8	16.0		
14			46.9	37.5	31.3	26.8	23.5	20.8	18.8		
15				43.6	36.3	31.1	27.2	24.2	21.8		
16					40.5	34.7	30.3	27.0	24.3		
17					45.8	39.3	34.4	30.6	27.5		
18						44.3	38.8	34.4	31.0		
19							43.1	38.3	34.5		
20								42.9	38.6		
21									42.5		

eF



**BROADCAST PESTICIDES and INOCULANTS**  
with hopper openings or drop tubes spaced 6-inches apart.

		SPEED IN MILES PER HOUR									
		2	3	4	5	6	7	8	9	10	
GAUGE SETTINGS	Mocap 10G										
	Mobil										
	5	9.1									
	6	11.3									
	7	13.5	9.0								
	8	17.5	11.7	8.8							
	9	20.0	13.3	10.0	8.0						
	10	26.0	17.3	13.0	10.4	8.7					
	11	34.5	23.0	17.2	13.8	11.5	9.8				
	12	39.5	26.3	19.8	15.8	13.2	11.3	9.9	8.8		
	13	45.0	30.0	22.5	18.0	15.0	12.9	11.3	10.0	9.0	
	14	50.8	33.8	25.4	20.3	16.9	14.5	12.7	11.3	10.2	
	15	54.7	36.5	27.4	21.9	18.2	15.6	13.7	12.2	10.9	
	16	63.4	42.2	31.7	25.3	21.1	18.0	15.8	14.1	12.7	
	17	70.0	46.7	35.0	28.0	23.3	20.0	17.5	15.6	14.0	
	18	78.5	52.3	39.3	31.4	26.2	22.4	19.6	17.4	15.7	
	19	85.0	56.7	42.5	34.0	28.3	24.3	21.3	18.9	17.0	
	20	96.9	64.6	48.5	38.8	32.3	27.7	24.2	21.5	19.4	
	21	109.5	73.0	54.8	43.8	36.5	31.3	27.4	24.3	21.9	
	22	120.0	80.0	60.0	48.0	40.0	34.3	30.0	26.7	24.0	
	23	133.4	88.9	66.7	53.4	44.5	38.1	33.4	29.6	26.7	
	24	144.5	96.3	72.2	57.8	48.2	41.3	36.1	32.1	28.9	
	25	156.3	104.2	78.1	62.5	52.1	44.6	39.1	34.7	31.3	
	26	170.0	113.3	85.0	68.0	56.7	48.6	42.5	37.8	34.0	
	27	185.0	123.3	92.5	74.0	61.7	52.9	46.3	41.1	37.0	
	28	199.8	133.2	99.9	79.9	66.6	57.1	49.9	44.4	40.0	
	29	213.5	142.3	106.8	85.4	71.2	61.0	53.4	47.4	42.7	
	30	231.3	154.2	115.6	92.5	77.1	66.1	57.8	51.4	46.3	
	31	246.0	164.0	123.0	98.4	82.0	70.3	61.5	54.7	49.2	
	32	265.0	176.6	132.5	106.0	88.3	75.7	66.2	58.9	53.0	
	33	283.9	189.3	142.0	113.6	94.6	81.1	71.0	63.1	56.8	
	34	300.0	200.0	150.0	120.0	100.0	85.7	75.0	66.7	60.0	
	35	316.5	211.0	158.3	126.6	105.5	90.4	79.1	70.3	63.3	
	36		223.3	167.5	134.0	111.7	95.7	83.8	74.4	67.0	
	37		236.7	177.5	142.0	118.3	101.4	88.8	78.9	71.0	
	38		253.0	189.7	151.8	126.5	108.4	94.9	84.3	75.9	
	39		266.2	199.7	159.7	133.1	114.1	99.8	88.7	79.9	
	40		278.8	209.1	167.3	139.4	119.5	104.5	92.9	83.6	
	45		336.6	252.5	202.0	168.3	144.3	126.2	112.2	101.0	
	50			314.1	251.3	209.4	179.5	157.0	139.6	125.7	
55				280.0	233.3	200.0	175.0	155.6	140.0		
60				308.0	256.7	220.0	192.5	171.1	154.0		
65					268.7	230.3	201.5	179.1	161.2		
70					278.3	238.5	208.7	185.5	167.0		
75					286.3	245.4	214.8	190.9	171.8		
80					296.3	253.9	222.2	197.5	177.8		

RATE IN POUNDS PER BROADCAST ACRE

eF

**BROADCAST PESTICIDES and INOCULANTS**  
with hopper openings or drop tubes spaced 6-inches apart.

GAUGE SETTINGS	Mocap 15G		SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE	
	2	3	4	5	6	7	8	9	10					
14	61.7													
15	69.1													
16	78.9													
17	88.7													
18	98.5	65.6												
19	108.4	72.3												
20	118.2	78.8												
21	130.0	86.7	65.0											
22	144.5	96.3	72.2											
23	157.4	104.9	78.7	63.0										
24	174.4	116.2	87.2	69.7										
25	191.3	127.5	95.6	76.5	63.8									
26	206.4	137.6	103.2	82.5	68.8									
27		149.3	112.0	89.6	74.7	64.0								
28		160.0	120.0	96.0	80.0	68.6								
29		171.3	128.5	102.8	85.6	73.4	64.2							
30		182.1	136.6	109.3	91.1	78.0	68.3							
31		193.3	145.0	116.0	96.7	82.9	72.5	64.4						
32		205.7	154.3	123.4	102.8	88.1	77.1	68.6	61.7					
33			164.3	131.5	109.6	93.9	82.2	73.0	65.7					
34			175.9	140.7	117.3	100.5	87.9	78.2	70.4					
35			188.0	150.4	125.3	107.4	94.0	83.5	75.2					
36			200.0	160.0	133.3	114.3	100.0	88.9	80.0					
37			211.5	169.2	141.0	120.9	105.8	94.0	84.6					
38				177.6	148.0	126.8	111.0	98.6	88.8					
39				186.0	155.0	132.9	116.3	103.3	93.0					
40				197.3	164.4	140.9	123.3	109.6	98.6					
45				238.0	198.3	170.0	148.8	132.2	119.0					
50					244.6	209.6	183.4	163.1	146.8					
55							202.5	180.0	162.0					
60								195.1	175.6					

eF

**BROADCAST PESTICIDES and INOCULANTS**  
with hopper openings or drop tubes spaced 6-inches apart.

Mocap PCNB 3-10G  
Mobil

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE	
	2	3	4	5	6	7	8	9	10			
19	97.5											
20	107.7											
21												
22												
23		97.0										
24		106.3										
25												
26	191.0		95.5									
27	208.5		104.3									
28	226.8											
29						93.0						
30						105.3						
31												
32	198.7					99.3						
33	208.7					104.4						
34	220.8						94.6					
35							100.7					
36							107.1					
37		197.3						98.6				
38		209.4						104.7				
39		222.5							98.9			
40			187.3						104.0	93.6		
45			202.3							101.2		
50			226.0	188.3						113.0		
55				210.0	180.0	157.5						
60				293.8	251.8	220.3	195.8					
65					260.7	228.1	202.8					
70							212.2					
75										198.5		
80										205.8		

\*See Special Note Below

\*When band treating peanuts for white mold control, we suggest you use three openings over each row and close off the other three or four between each row (depending on your row spacing). Consequently, to apply 100 pounds per acre in the bands, you have to use 200 for 36-inch rows or 225 for 38-40-inch rows in the charts above to determine your starting gauge setting.

**BROADCAST PESTICIDES and INOCULANTS**  
with hopper openings or drop tubes spaced 6-inches apart.

Mocap Plus		Mobil		SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE																		
8	9	10	11	12	13	14	15	16	17	18	19	20	21		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
16.3	20.5	24.1	28.9	34.2	39.5	45.0	51.9	57.5	64.4	72.5	80.4	89.7	66.7	73.3	81.5	65.4	74.1	80.0	86.9	69.5	73.4	79.3	85.8	77.3	82.5	75.0	79.3	84.4	85.4	79.3	84.4	80.3
19.3	22.8	19.8	22.5	20.8	19.2	18.4	18.1	20.1	17.9	20.0	22.0	24.5	26.2	29.6	32.0	34.8	36.7	39.6	42.9	46.4	49.5	52.5	55.5	59.1	63.0	68.3	71.4	76.0	80.3	eF		
Nemacur 15G		Chemagro		SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE																		
16	17	18	19	20	21	22	23	24	25	26	27	28	29		30	31	32	33	34	35	36	37	38	39	40	45	50	55				
59.5	66.9	75.0	85.0	94.1	105.0	117.5	130.0	141.0	103.3	112.9	122.2	131.3	140.3	113.1	123.8	131.0	140.3	120.0	127.0	134.0	117.8	123.3	129.2	136.5	147.8	156.4	139.0	125.1	137.9	hF		
62.7	70.0	58.8	65.0	70.5	62.0	67.7	61.1	65.7	70.2	64.6	61.9	65.5	62.3	66.7	70.6	67.0	70.7	74.0	77.5	81.9	86.1	91.0	103.5	103.5	103.5	103.5	103.5	103.5	103.5	103.5		

**BROADCAST PESTICIDES and INOCULANTS**  
with hopper openings or drop tubes spaced 6-inches apart.

Spectracide Granular Lawn Insect Control  
Ciba-Geigy

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
38	215.4										
39	230.0										
40	246.6										
45	322.5	215.0									
50	405.0	270.0	202.5								
55		317.0	237.8	190.2							
60		367.7	275.8	220.6							
65			289.3	231.4							
70			301.8	241.4							
75			313.0	250.4	208.7						
80			327.2	261.8	218.1	187.0	163.6	145.4	130.9		

Temik 15G (corn cob)  
Union Carbide

GAUGE SETTINGS	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
16	18.4										
17	23.5										
18	28.7	19.1									
19	33.9	22.6									
20	39.1	26.0	19.5								
21	45.4	30.2	22.7	18.1							
22	51.7	34.5	25.9	20.7							
23	58.0	38.7	29.0	23.2	19.3						
24	64.4	42.9	32.2	25.7	21.5	18.4					
25	70.7	47.1	35.3	28.3	23.6	20.2					
26	79.2	52.8	39.6	31.7	26.4	22.6	19.8				
27		58.5	43.9	35.1	29.3	25.1	21.9	19.5			
28		64.2	48.2	38.5	32.1	27.5	24.1	21.4	19.3		
29		69.9	52.5	42.0	35.0	30.0	26.2	23.3	21.0		
30		75.6	56.7	45.4	37.8	32.4	28.4	25.2	22.7		
31			62.6	50.1	41.7	35.8	31.3	27.8	25.0		
32			68.5	54.8	45.6	39.1	34.2	30.4	27.4		
33			74.3	59.4	49.5	42.5	37.2	33.0	29.7		
34				64.1	53.5	45.8	40.1	35.6	32.1		
35				68.8	57.4	49.2	43.0	38.2	34.4		
36				73.5	61.3	52.5	45.9	40.8	36.8		
37				65.2	55.9	48.9	43.4	39.1			
38				69.1	59.2	51.8	46.0	41.4			
39				73.0	62.6	54.7	48.7	43.8			
40					65.9	57.7	51.3	46.1			
45					85.7	75.0	66.6	60.0			
50							82.0	73.8			

**BROADCAST PESTICIDES and INOCULANTS**  
with hopper openings or drop tubes spaced 6-inches apart.

Temik 15G Gypsum Granules  
Union Carbide

		SPEED IN MILES PER HOUR										
		2	3	4	5	6	7	8	9	10		
GAUGE SETTINGS	7	15.7	10.4	7.8	6.3	5.2	4.5	3.9	3.5	3.1		
	8	22.4	14.9	11.2	8.9	7.5	6.4	5.6	5.0	4.5		
	9	28.5	19.0	14.3	11.4	9.5	8.1	7.1	6.3	5.7		
	10	36.9	24.6	18.5	14.8	12.3	10.5	9.2	8.2	7.4		
	11	44.3	29.5	22.1	17.7	14.8	12.6	11.1	9.8	8.9		
	12	53.0	35.3	26.5	21.2	17.7	15.1	13.3	11.8	10.6		
	13	62.5	41.7	31.3	25.0	20.8	17.9	15.6	13.9	12.5		
	14	71.3	47.5	35.6	28.5	27.8	20.4	17.8	15.8	14.3		
	15		53.3	40.0	32.0	26.7	22.9	20.0	17.8	16.0		
	16		61.7	46.3	37.0	30.8	26.4	23.1	20.6	18.5		
	17		70.0	52.5	42.0	35.0	30.0	26.3	23.3	21.0		
	18			58.8	47.0	39.2	33.6	29.4	26.1	23.5		
	19			65.0	52.0	43.3	37.1	32.5	28.9	26.0		
	20				58.0	48.3	41.4	36.3	32.2	29.0		
	21				65.2	54.3	46.6	40.8	36.2	32.6		
	22				71.5	59.6	51.1	44.7	39.7	35.8		
	23					65.0	55.7	48.8	43.3	39.0		
	24					70.0	60.0	52.5	46.7	42.0		
	25						65.5	62.5	51.0	45.9		
	26						71.4	68.0	55.6	50.0		
	27							73.8	60.4	54.4		
	28								65.6	59.0		
	29								71.1	64.0		
	30									69.0		

RATE IN POUNDS PER BROADCAST ACRE

Temik TSX  
Union Carbide

		SPEED IN MILES PER HOUR										
		2	3	4	5	6	7	8	9	10		
GAUGE SETTINGS	12	10.8										
	13	13.1	8.7									
	14	15.8	10.5									
	15	18.2	12.1	9.1								
	16	22.3	14.8	11.1	8.9							
	17	25.8	17.2	12.9	10.3							
	18	29.5	19.7	14.8	11.8	9.8						
	19	33.3	22.2	16.6	13.3	11.1	9.5					
	20		24.8	18.6	14.9	12.4	10.6	9.3				
	21		29.3	22.0	17.6	14.7	12.6	11.0	9.8	8.8		
	22		34.2	25.6	20.5	17.1	14.6	12.8	11.4	10.3		
	23			29.1	23.3	19.4	16.6	14.5	12.9	11.6		
	24			32.6	26.1	21.8	18.6	16.3	14.5	13.1		
	25			36.1	28.9	24.1	20.6	18.1	16.0	14.4		
	26				31.9	26.6	22.8	19.9	17.7	16.0		
	27				35.0	29.2	25.0	21.9	19.4	17.5		
	28					31.7	27.2	23.8	21.1	19.0		
	29					34.3	29.4	25.7	22.8	20.6		
	30						31.6	27.7	24.6	22.1		
	31						34.6	30.3	26.9	24.3		
	32							33.1	29.4	26.5		
	33								31.8	28.6		
	34								34.3	30.9		
	35									33.0		
	36									35.2		

RATE IN POUNDS PER BROADCAST ACRE

bH

dK

**BROADCAST PESTICIDES and INOCULANTS**  
with hopper openings or drop tubes spaced 6-inches apart.

Terraclor 10G  
0.1 in

GAUGE SETTINGS	SPEED IN MILES PER HOUR									
	2	3	4	5	6	7	8	9	10	
20	79.1									
21	87.5									
22	100.0									
23	115.2	76.8								
24	130.0	86.7								
25	140.0	93.3								
26	145.3	96.8								
27	155.0	103.3								
28	165.0	110.0	82.5							
29	182.0	121.3	91.0							
30	202.8	135.2	101.4	81.1						
31	225.0	150.0	112.5	90.0						
32	240.0	160.0	120.0	96.0						
33	255.0	170.0	127.5	102.0	85.0					
34	270.0	180.0	135.0	108.0	90.0					
35	285.0	190.0	142.5	114.0	95.0					
36	303.8	202.5	151.9	121.5	101.3	86.8				
37	320.0	213.3	160.0	128.0	106.7	91.4				
38	340.0	226.7	170.0	136.0	113.3	97.1	85.0			
39		242.0	181.5	145.2	121.0	103.7	90.7	80.7		
40		262.5	196.9	157.5	131.3	112.5	98.4	87.5	78.8	
45		321.9	241.5	193.2	161.0	138.0	120.7	107.3	96.6	
50			290.0	232.0	193.3	165.7	145.0	128.9	116.0	
55			350.0	280.0	233.3	200.0	175.0	155.5	140.0	
60				334.9	279.1	239.2	209.3	186.0	167.4	
65					300.0	254.3	222.5	197.8	178.0	
70					307.2	263.3	230.4	204.8	184.3	
75							238.4	211.9	190.7	
80							244.5	217.4	195.6	

RATE IN POUNDS PER BROADCAST ACRE  
DE

**BROADCAST PESTICIDES and INOCULANTS**  
with hopper openings or drop tubes spaced 6-inches apart.

Terraclor + Dasanit 10-3G  
01in

Gauge Settings	SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE
	2	3	4	5	6	7	8	9	10		
24	101.5										
25	128.8										
26		98.7									
27		109.0									
28											
29	189.0		94.5								
30	200.8		100.4								
31	214.5		107.3								
32	229.5										
33				98.0							
34				104.4							
35											
36		196.0			98.2						
37		210.0			104.8						
38		224.0				96.0					
39						102.6					
40		196.0				111.9	97.9	87.0			
45		240.0	192.2				120.0	106.7	96.0		
50			225.4	188.0					112.7		
55				215.8	185.0						
60				251.5	215.5						
65					227.1	198.8					
70						207.4					
75						218.8					
80							194.8	175.3			

\*When band treating peanuts for white mold control, we suggest you use three openings over each row and close off the other three or four between each row (depending on your row spacing). Consequently, to apply 100 pounds per acre in the bands, you have to use 200 for 36-inch rows or 225 for 38-40-inch rows in the charts above to determine your starting gauge setting.



**BROADCAST PESTICIDES and INOCULANTS**  
with hopper openings or drop tubes spaced 6-inches apart.

Thimet 15G & 20G  
American Cyanamid

		SPEED IN MILES PER HOUR									
		2	3	4	5	6	7	8	9	10	
GAUGE SETTINGS	5	4.9	3.2	2.4							
	6	5.4	3.6	2.7	2.2	1.8	1.5	1.4			
	7	12.7	8.4	6.3	5.1	4.2	3.6	3.2	2.8	2.5	
	8	17.0	11.3	8.5	6.8	5.7	4.9	4.3	3.8	3.4	
	9	21.1	14.0	10.5	8.4	7.0	6.0	5.3	4.7	4.2	
	10		17.0	12.7	10.2	8.5	7.3	6.4	5.7	5.1	
	11		20.5	15.4	12.3	10.3	8.8	7.7	6.8	6.2	
	12		24.2	18.1	14.5	12.1	10.4	9.1	8.1	7.3	
	13			21.3	17.0	14.2	12.1	10.6	9.4	8.5	
	14				19.6	16.3	14.0	12.2	10.9	9.8	
	15				22.3	18.6	15.9	13.9	12.4	11.1	
	16					21.0	18.0	15.7	14.0	12.6	
	17						20.0	17.5	15.6	14.0	
	18						22.4	19.8	17.6	15.8	
	19							21.9	19.4	17.5	
	20								21.6	19.5	
	21									21.0	

RATE IN POUNDS PER BROADCAST ACRE  
eF

Trithion 10G  
Trusorb Clay  
Stauffer  
Produced at M. Portland, OR

		SPEED IN MILES PER HOUR									
		2	3	4	5	6	7	8	9	10	
GAUGE SETTINGS	18	73.0									
	19	81.5									
	20										
	21										
	22		74.3								
	23		81.2								
	24										
	25			71.1							
	26			78.3							
	27										
	28				74.0						
	29				80.0						
	30					71.3					
	31					77.9					
	32						72.3				
	33						77.9				
	34							73.1			
	35							77.9			
	36								73.6		
	37								77.9		
	38									74.1	
39										78.0	

RATE IN POUNDS PER BROADCAST ACRE  
jH

**BROADCAST PESTICIDES and INOCULANTS**  
 with hopper openings or drop tubes spaced 6-inches apart.

Vitavex 4G		Uniroyal		SPEED IN MILES PER HOUR										RATE IN POUNDS PER BROADCAST ACRE					
GAUGE SETTINGS	2	3	4	5	6	7	8	9	10	11	12	13	14		15	16	17	18	19
7	20.7																		
8	27.4																		
9		22.8																	
10		27.3	20.5																
11			25.2																
12			29.9	23.9															
13				27.7	23.1														
14					26.2	22.5													
15						25.2													
16						28.2	24.7												
17							27.3	24.3											
18								26.6	23.9										
19									26.0										

## 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 Dounce per 1000 ft @ at 1 mph = 14.88g/100 meter @ 1 kph

1 Pound per Acre @ 1 mph = 1.80 kg per Hectare @ 1 kph

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# Seed Rate Chart Section

## ALFALFA SEED

Speed of Travel in Miles Per Hour — All holes open--Broadcast

	1	2	3	4	5	6	7	8	9	10	11	12
Gauge Setting	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz
No. 4	5-0	2-8	1-11	1-4	1-0	0-13	0-11	0-10	0-9	0-8	0-7	0-6
No. 5	8-12	4-6	2-15	2-3	1-12	1-7	1-4	1-2	1-0	0-14	0-13	0-12
No. 6	13-12	6-14	4-9	3-7	2-12	2-5	1-15	1-12	1-8	1-6	1-4	1-2
No. 7	20-0	10-0	6-11	5-0	4-0	3-5	2-14	2-8	2-4	2-0	1-13	1-11
No. 8	30-0	15-0	10-0	7-8	6-0	5-0	4-5	3-12	3-5	3-0	2-12	2-8
No. 9	33-12	16-14	11-4	8-7	6-12	5-10	4-13	4-4	3-12	3-6	3-1	2-13
No. 10	37-8	18-12	12-8	9-6	7-8	6-4	5-6	4-11	4-3	3-12	3-7	3-2
No. 11	45-0	22-8	15-0	11-4	9-0	7-8	6-7	5-10	5-2	4-8	4-15	3-12
No. 12	50-0	25-0	16-11	12-8	10-11	8-5	7-2	6-4	5-9	5-0	4-9	4-3
No. 13	62-8	31-4	20-13	15-10	12-8	10-7	8-15	7-13	6-15	6-4	5-11	5-3
No. 14	72-8	36-4	24-3	18-2	14-8	12-1	10-6	9-10	8-1	7-4	6-9	6-1
No. 15	77-8	38-12	25-13	19-6	15-8	12-15	11-1	9-11	8-10	7-12	7-1	6-7
No. 16	96-4	48-2	32-1	24-1	19-4	16-1	13-12	12-0	10-11	9-10	8-12	8-0
No. 17	110-0	55-0	36-11	27-8	22-0	18-5	15-11	13-12	12-4	11-0	10-0	9-3
No. 18	122-8	61-4	40-13	30-10	24-8	20-7	17-8	15-5	13-10	12-4	11-2	10-3
No. 80	2180-0	1090-0	726-11	545-0	436-0	363-5	311-7	272-8	242-3	218-0	198-3	181-11

(Pound of Material Per Acre)

## ALSIKE CLOVER

Speed of Travel in Miles Per Hour — All holes open - Broadcast

	1	2	3	4	5	6	7	8	9	10	11	12
Gauge Setting	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz
No. 2	1-4	0-10	0-7	0-5	0-4	0-3	0-2 3/4	0-2 1/2	0-2 1/4	0-2	0-1 3/4	0-1 1/2
No. 3	5-0	2-8	1-11	1-4	1-0	0-13	0-11	0-10	0-9	0-8	0-7	0-6
No. 4	8-12	4-6	2-15	2-3	1-12	1-7	1-4	1-2	1-0	0-14	0-13	0-12
No. 5	23-12	11-14	7-15	5-15	4-12	3-15	3-6	2-15	2-10	2-6	2-3	1-15
No. 6	32-8	16-4	10-13	8-2	6-8	5-6	4-10	4-1	3-6	3-4	2-15	2-11
No. 7	42-8	21-4	14-3	10-10	8-8	7-1	6-1	5-5	4-12	4-4	3-14	3-9
No. 8	53-12	26-14	17-14	13-7	10-12	8-15	7-10	6-11	5-15	5-6	4-14	4-7
No. 9	60-0	30-0	20-0	15-0	12-0	10-0	8-9	7-8	6-10	6-0	5-7	5-0
No. 10	70-12	35-6	23-9	17-11	14-3	11-13	10-2	8-13	7-14	7-1	6-7	5-14
No. 11	86-4	41-14	27-15	21-9	16-12	13-15	12-5	10-12	9-9	8-10	7-13	7-3
No. 12	100-0	50-0	33-5	25-0	20-0	16-11	14-5	12-8	11-2	10-0	9-1	8-5

(Pounds of Material Per Acre)

### BROME GRASS SEED

Speed of Travel in Miles Per Hour — All holes open - Broadcast

	1	2	3	4	5	6	7	8	9	10	11	12
Gauge Setting	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz
No. 45	5-0	2-8	1-11	1-4	1-0	0-13	0-11	0-10	0-9	0-8	0-7	0-6
No. 50	10-0	5-0	3-5	2-8	2-0	1-11	1-7	1-4	1-2	1-0	0-9	0-8
No. 55	13-12	6-14	4-9	3-7	2-12	2-5	1-15	1-12	1-8	1-6	1-4	1-2
No. 60	17-8	8-12	5-13	4-6	3-8	2-15	2-8	2-3	1-15	1-12	1-9	1-7
No. 65	21-4	10-10	7-1	5-5	4-4	3-9	3-1	2-11	2-6	2-2	1-15	1-12
No. 70	25-0	12-8	8-5	6-4	5-0	4-3	3-9	3-2	2-12	2-8	2-4	2-1
No. 75	27-8	13-12	9-2	6-14	5-8	4-9	3-14	3-7	3-1	2-12	2-8	2-4
No. 80	30-0	15-0	10-0	7-8	6-0	5-0	4-5	3-12	3-5	3-0	2-12	2-8

(Pounds of Material Per Acre)

### KENTUCKY BLUE GRASS

Speed of Travel in Miles Per Hour — All holes open - Broadcast

	1	2	3	4	5	6	7	8	9	10	11	12
Gauge Setting	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz
No. 10	3-12	1-14	1-4	0-15	0-12	0-10	0-9	0-8	0-7	0-6	0-5	0-4
No. 15	7-8	3-12	2-8	1-14	1-8	1-4	1-1	0-15	0-13	0-12	0-11	0-10
No. 20	13-12	6-14	4-9	3-7	2-12	2-5	1-15	1-12	1-8	1-6	1-4	1-2
No. 25	23-12	11-14	7-15	5-15	4-12	3-15	3-6	2-15	2-10	2-6	2-3	1-15
No. 26	25-0	12-8	8-5	6-4	5-0	4-3	3-9	3-2	2-12	2-8	2-4	2-1
No. 27	28-12	14-6	9-9	7-3	5-12	4-13	4-2	3-10	3-3	2-14	2-10	2-6
No. 28	31-4	15-10	10-7	7-13	7-8	5-3	4-7	3-15	3-8	3-2	2-13	2-10
No. 29	38-12	19-6	12-15	9-11	7-12	6-7	5-9	4-7	4-5	3-14	3-8	3-4
No. 30	41-4	20-10	13-12	10-5	8-4	6-14	5-14	5-3	4-9	4-2	3-12	3-7
No. 31	44-4	22-0	14-11	11-0	8-13	7-5	6-10	5-8	4-14	4-7	4-0	3-11
No. 32	48-12	24-6	16-4	12-3	9-12	8-2	6-15	6-2	5-7	4-14	4-7	4-1
No. 33	52-8	26-4	17-8	13-2	10-8	8-12	7-8	6-9	5-13	5-4	4-12	4-6
No. 34	57-8	28-12	19-3	14-6	11-8	9-9	8-3	7-3	6-6	5-12	5-4	4-13
No. 35	62-8	31-4	20-13	15-10	12-8	10-7	8-15	7-13	6-15	6-4	5-11	5-3
No. 36	66-4	33-2	22-1	16-9	13-4	11-1	9-7	8-4	7-6	6-10	6-0	5-8
No. 37	72-8	36-4	24-3	18-2	14-8	12-1	10-6	9-10	8-1	7-4	6-9	6-1
No. 38	80-0	40-0	26-11	20-0	16-0	13-5	11-7	10-0	8-14	8-0	7-4	6-11
No. 39	88-12	44-0	29-5	22-0	17-10	14-11	12-9	11-0	9-2	8-13	8-0	7-5
No. 40	92-8	46-4	30-13	23-2	18-8	15-6	13-3	11-9	10-4	9-4	8-6	7-11
No. 41	102-8	51-4	34-3	25-10	20-8	17-1	14-10	12-13	11-6	10-4	9-5	8-9
No. 80	372-8	184-4	124-2	93-2	74-8	62-1	53-4	46-9	41-5	37-4	33-14	31-14

(Pounds of Material Per Acre)

### LADINO CLOVER SEED

Speed of Travel in Miles per Hour — All holes open - Broadcast

	1	2	3	4	5	6	7	8	9	10	11	12
Gauge Setting	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz
No. 3	11-4	5-10	3-12	2-13	2-4	1-14	1-10	1-7	1-4	1-2	1-0	0-15
No. 4	21-4	10-10	7-1	5-5	4-4	3-9	3-1	2-11	2-6	2-2	1-15	1-12
No. 5	30-0	15-0	10-0	7-8	6-0	5-0	4-5	3-12	3-5	3-0	2-12	2-8
No. 6	40-0	20-0	13-5	10-0	8-0	6-10	5-11	5-0	4-11	4-0	3-10	3-5
No. 7	52-8	26-4	17-8	13-2	10-8	8-12	7-8	6-9	5-13	5-4	4-12	4-6
No. 8	62-8	31-4	20-13	15-10	12-8	10-7	8-15	7-13	6-15	6-4	5-11	5-3
No. 9	70-0	35-0	23-5	17-8	14-0	11-11	10-0	8-12	7-12	7-0	6-6	5-13
No. 10	80-0	40-0	26-11	20-0	16-0	13-5	11-7	10-0	8-14	8-0	7-4	6-11
No. 11	88-12	44-0	29-5	22-0	17-10	14-11	12-9	11-0	9-2	8-13	8-0	7-5
No. 12	102-8	51-4	34-3	25-10	20-8	17-1	14-10	12-13	11-6	10-4	9-5	8-9

(Pounds of Material Per Acre)

### MEDIUM RED CLOVER SEED

Speed of Travel in Miles Per Hour — All holes open - Broadcast

Gauge Setting	1	2	3	4	5	6	7	8	9	10	11	12
	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz
No. 4	5-0	2-8	1-11	1-4	1-0	0-13	0-10	0-9	0-8	0-7	0-6	0-5
No. 5	12-8	6-4	4-3	3-2	2-8	2-1	1-13	1-9	1-6	1-4	1-2	1-1
No. 6	16-4	8-2	5-7	4-1	3-4	2-11	2-5	2-1	1-13	1-10	1-8	1-6
No. 7	22-8	11-4	7-8	5-10	4-8	3-12	3-3	2-13	2-8	2-4	2-1	1-14
No. 8	30-0	15-0	10-0	7-8	6-0	5-0	4-5	3-12	3-5	3-0	2-12	2-8
No. 9	37-8	18-12	12-8	9-6	7-8	6-4	5-6	4-11	4-3	3-12	3-7	3-2
No. 10	46-4	23-2	15-7	11-9	9-4	7-11	6-10	5-13	5-2	4-10	4-3	3-14
No. 11	55-0	27-8	18-5	13-12	11-0	9-3	7-14	6-14	6-2	5-8	5-0	4-9
No. 12	63-12	31-14	21-4	15-15	12-12	10-10	9-2	7-15	7-1	6-6	5-13	5-6
No. 13	70-0	35-0	23-5	17-8	14-0	11-11	10-0	8-12	7-12	7-0	6-6	5-13
No. 14	80-0	40-0	26-11	20-0	16-0	12-8	11-13	10-0	8-14	8-0	7-4	6-11
No. 15	88-12	44-0	29-5	22-0	17-10	14-11	12-9	11-0	9-2	8-13	8-0	7-5
No. 16	100-0	50-0	33-5	25-0	20-0	16-11	14-5	12-8	11-2	10-0	9-1	8-5
No. 17	113-12	56-14	37-14	28-7	22-12	18-15	16-4	14-3	12-10	11-6	10-5	9-7
No. 80	1520-0	760-0	506-11	380-0	304-0	253-5	217-2	190-0	168-14	152-0	138-3	126-11

(Pounds of Material per Acre)

### MILLET SEED

Speed of Travel in Miles Per Hour — All holes open - Broadcast

Gauge Setting	1	2	3	4	5	6	7	8	9	10	11	12
	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz
No. 5	5-0	2-8	1-11	1-4	1-0	0-13	0-11	0-10	0-9	8-0	0-7	0-6
No. 7	12-8	6-4	4-3	3-2	2-8	2-1	1-13	1-9	1-6	1-4	1-2	1-1
No. 10	27-8	13-12	9-2	6-14	5-8	4-9	3-14	3-7	3-1	2-12	2-8	2-4
No. 11	31-4	15-10	10-7	7-13	7-8	5-3	4-7	3-15	3-8	3-2	2-13	2-10
No. 13	43-12	21-14	14-9	10-15	8-12	7-5	6-4	5-8	4-14	4-6	3-15	3-10
No. 15	53-12	26-14	17-15	13-7	10-12	8-15	7-11	6-11	5-16	5-6	4-14	4-13
No. 16	61-4	30-10	20-7	15-5	12-4	10-3	8-12	7-10	6-13	6-2	5-9	5-2
No. 17	71-4	35-10	23-12	17-13	14-4	11-14	10-3	8-14	7-15	7-2	6-8	5-15
No. 18	80-0	40-0	26-11	20-0	16-0	13-5	11-7	10-0	8-14	8-0	7-4	6-11
No. 19	87-8	43-12	29-3	21-14	17-8	14-9	12-8	10-15	9-11	8-12	7-15	7-5
No. 20	97-12	48-14	32-9	24-7	19-9	16-5	13-15	12-3	10-14	9-12	8-3	8-2
No. 21	111-4	55-10	37-1	27-13	22-4	18-9	15-14	13-14	12-6	11-2	10-2	9-4

(Pounds of Material Per Acre)

### RYE GRASS SEED

Speed of Travel in Miles per Hour — All holes open - Broadcast

Gauge Setting	1	2	3	4	5	6	7	8	9	10	11	12
	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz
No. 30	6-4	3-2	2-1	1-9	1-4	1-1	0-14	0-13	0-11	0-10	0-9	0-8
No. 40	12-8	6-4	4-3	3-2	2-8	2-1	1-13	1-9	1-6	1-4	1-2	1-1
No. 45	17-8	8-12	5-13	4-6	3-8	2-15	2-8	2-3	1-15	1-12	1-9	1-7
No. 48	26-4	13-2	8-12	6-9	5-4	4-6	3-12	3-5	2-15	2-10	2-5	2-3
No. 50	30-0	15-0	10-0	7-8	6-0	5-0	4-5	3-12	3-5	3-0	2-12	2-8
No. 53	33-12	16-14	11-4	8-7	6-12	5-10	4-13	4-4	3-12	3-6	3-1	2-13
No. 55	45-0	22-8	15-0	11-4	9-0	7-8	6-7	5-10	5-2	4-8	4-15	3-12
No. 57	61-4	30-10	20-7	15-5	12-4	10-3	8-12	7-10	6-13	6-2	5-9	5-2
No. 60	65-0	32-8	21-11	16-4	13-0	10-13	9-5	8-2	7-4	6-8	5-15	5-7
No. 63	78-12	39-6	26-4	19-11	15-12	13-2	11-4	9-13	8-14	7-14	7-2	6-7
No. 65	86-4	41-14	27-15	21-9	16-12	13-15	12-5	10-12	9-9	8-10	7-13	7-3
No. 68	105-0	52-8	35-0	26-4	21-0	17-8	15-0	13-2	11-11	10-8	9-9	8-12
No. 80	140-0	70-0	46-10	35-0	28-0	23-5	20-0	17-8	15-8	14-0	12-11	11-10

(Pounds of Material Per Acre)



### SUDAN GRASS SEED

Speed of Travel in Miles per Hour — All holes open - Broadcast

	1	2	3	4	5	6	7	8	9	10	11	12
Gauge Setting	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz
No. 20	10-0	5-0	3-5	2-8	2-0	1-11	1-7	1-4	1-2	1-0	0-15	0-13
No. 21	13-12	6-14	4-9	3-7	2-12	2-5	1-15	1-12	1-8	1-6	1-4	1-2
No. 22	21-4	10-10	7-1	5-5	4-4	3-9	3-1	2-11	2-6	2-2	1-15	1-12
No. 23	25-0	12-8	8-5	6-4	5-0	4-3	3-9	3-2	2-12	2-8	2-4	2-1
No. 24	26-4	13-2	8-12	6-9	5-4	4-6	3-12	3-5	2-15	2-10	2-5	2-3
No. 26	31-4	15-10	10-7	7-13	7-8	5-3	4-7	3-15	3-8	3-2	2-13	2-10
No. 28	37-8	18-12	12-8	9-6	7-12	6-4	5-6	4-11	4-3	3-12	3-7	3-2
No. 30	42-8	21-4	14-3	10-10	8-8	7-1	6-1	5-5	4-12	4-4	3-14	3-9
No. 32	56-4	28-2	18-12	14-10	11-9	9-6	8-1	7-0	6-4	5-10	5-1	4-11
No. 33	61-0	30-8	20-5	15-4	12-3	10-3	8-11	7-10	6-12	6-2	5-9	5-1
No. 34	70-0	35-0	23-5	17-8	14-0	11-11	10-0	8-12	7-12	7-0	6-6	5-13
No. 35	77-8	38-12	25-13	19-6	15-8	12-14	11-1	9-11	8-9	7-12	7-0	6-8
No. 36	82-4	41-2	27-7	20-9	16-7	13-11	11-12	10-4	9-2	8-4	7-08	6-14
No. 37	91-8	45-12	30-8	22-14	18-5	15-4	13-11	11-7	10-3	9-2	8-5	7-10
No. 38	100-0	50-0	33-5	22-0	20-0	16-11	14-5	12-8	11-2	10-0	9-1	8-5
No. 39	105-0	52-8	35-0	26-4	21-0	17-8	15-0	13-2	11-11	10-8	9-9	8-12
No. 40	111-4	55-10	37-1	27-13	22-4	18-9	15-14	13-14	12-6	11-2	10-2	9-4
No. 80	770-0	385-0	256-11	192-8	154-0	128-5	110-0	96-4	85-9	77-0	70-0	64-3

(Pounds of Material Per Acre)

### SWEET CLOVER SEED

Speed of Travel in Miles per Hour — All holes open - Broadcast

	1	2	3	4	5	6	7	8	9	10	11	12
Gauge Setting	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz
No. 4	8-12	4-6	2-15	2-3	1-12	1-7	1-4	1-2	1-0	0-14	0-13	0-12
No. 5	10-0	5-0	3-5	2-8	2-0	1-11	1-7	1-4	1-2	1-0	0-14	0-13
No. 6	18-12	9-6	6-4	4-11	3-12	3-2	2-11	2-5	2-1	1-14	1-11	1-9
No. 7	26-4	13-2	8-12	6-9	5-4	4-6	3-12	3-5	2-15	2-10	2-5	2-3
No. 8	37-8	18-12	12-8	9-6	7-8	6-4	5-6	4-11	4-3	3-12	3-7	3-2
No. 9	46-4	23-2	15-7	11-9	9-4	7-11	6-10	5-13	5-2	4-10	4-3	3-14
No. 10	51-4	25-10	17-1	12-13	10-4	9-0	7-5	6-6	5-11	5-2	4-11	4-4
No. 11	60-0	30-0	20-0	15-0	12-0	10-0	8-9	7-8	6-10	6-0	5-7	5-0
No. 12	68-4	34-2	22-12	17-1	13-10	11-6	9-12	8-8	7-9	6-13	6-3	5-11
No. 13	77-8	38-12	25-13	19-6	15-8	12-14	11-1	9-11	8-9	7-12	7-0	6-8
No. 14	92-8	46-4	30-13	23-2	18-8	15-6	13-3	11-9	10-4	9-4	8-6	7-11
No. 15	112-12	56-6	37-9	28-3	22-9	18-13	16-2	14-1	12-8	11-4	10-4	9-6
No. 80	1597-8	798-12	532-8	399-6	319-8	266-4	228-3	199-11	177-8	159-12	145-4	133-2

(Pounds of Material Per Acre)

### TIMOTHY SEED

Speed of Travel in Miles Per Hour — All holes open - Broadcast

	1	2	3	4	5	6	7	8	9	10	11	12
Gauge Setting	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz
No. 3	6-4	3-2	2-1	1-9	1-4	1-1	0-14	0-13	0-11	0-10	0-9	0-8
No. 4	13-12	6-14	4-9	3-7	2-12	2-5	1-15	1-12	1-8	1-6	1-4	1-2
No. 5	22-8	11-4	7-8	5-10	4-8	3-12	3-3	2-13	2-8	2-4	2-1	1-14
No. 6	28-12	14-6	9-9	7-3	5-12	4-13	4-2	3-10	3-3	2-14	2-10	2-6
No. 7	37-8	18-12	12-8	9-6	7-8	6-4	5-6	4-11	4-3	3-12	3-7	3-2
No. 8	42-8	21-4	14-3	10-10	8-4	7-1	6-1	5-5	4-12	4-4	3-13	3-9
No. 9	50-0	25-0	16-11	12-8	10-11	8-5	7-2	6-4	5-9	5-0	4-9	4-3
No. 10	55-0	27-8	18-5	13-12	11-0	9-3	7-14	6-14	6-2	5-8	5-0	4-9
No. 11	67-7	33-11	22-8	16-14	13-8	11-4	9-10	8-7	7-8	6-12	6-2	5-10
No. 12	78-12	39-6	26-4	19-11	15-12	13-2	11-4	9-13	8-14	7-14	7-2	6-9
No. 13	85-0	42-8	28-5	21-4	17-0	14-3	12-2	10-10	9-7	8-8	7-12	7-1
No. 14	97-8	48-12	32-8	24-6	19-8	16-4	13-15	12-3	10-13	9-12	8-14	8-2
No. 15	112-8	56-4	37-8	28-2	22-8	18-12	16-11	14-1	12-8	11-4	10-4	9-6
No. 80	1400-0	700-0	466-11	350-0	280-0	233-5	200-0	175-0	155-9	140-0	127-4	116-11

(Pounds of Material Per Acre)

## TOWER - ARGENTINE RAPE

Speed of Travel in Miles per Hour — All holes open - Broadcast

	1	2	3	4	5	6	7	8	9	10
Gauge Setting	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz
No. 7	3-8									
No. 8	6-8	3-4								
No. 9	10-2	5-1	3-4							
No. 10	14-0		4-7	3-5	2-8					
No. 11	20-6		6-9	5-2	4-1	3-4	2-9			
No. 12	28-5				5-7	4-8	4-1	3-6	3-2	
No. 13	36-0					6-0	5-1	4-5	4-0	3-6
No. 14	44-0							5-5	4-9	4-4
No. 15	53-0								5-0	5-3

(Pounds of Material Per Acre)

## YELLOW MUSTARD

Speed in Miles Per Hour — Rate in Pounds per Broadcast Acre

	1	2	3	4	5	6	7	8	9	10
Gauge Setting	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz
No. 10		3-8								
No. 11		5-3	3-5							
No. 12		6-9	4-5							
No. 13		8-3	5-5	4-1						
No. 14		9-8	6-5	4-9	3-9					
No. 15		11-3	7-5	5-6	4-5	3-8				
No. 16		14-5	9-7	7-2	5-8	4-8	4-1	3-6		
No. 17		17-7	11-8	8-8	7-1	5-9	5-1	4-4	3-9	3-5
No. 18			13-9	10-4	8-4	7-0	6-0	5-2	4-6	4-2
No. 19			16-1	12-0	9-6	8-0	6-9	6-0	5-4	4-8
No. 20				13-6	10-9	9-1	7-8	6-8	6-1	5-5
No. 21				16-4	13-1	10-9	9-4	8-2	7-3	6-5
No. 22					15-3	12-9	11-0	9-5	8-5	7-7
No. 23					17-5	14-6	12-5	11-0	9-7	8-8
No. 24						16-5	14-1	12-3	11-0	9-9
No. 25							15-7	13-7	12-2	11-0
No. 26							17-7	15-5	13-8	12-4
No. 27								17-3	15-3	13-8
No. 28									16-9	15-2
No. 29										16-6