

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.

Gandy Company, 528 Gandrud Road, Owatonna, MN 55060-0528

Phone: 507-451-5430 / 800-443-2476 / Fax: 507-451-2857 Website: www.gandy.net / E-mail: custsrv@gandy.net

Printed in the USA

Table of Contents

	Page
General Instructions / Information	1 & 1A
Procedure (Calibration)	2-3
Chemical Rate Charts	4-39
Conversion Chart	40
Index of Chemicals	41-42
Seed Rate Charts	43-48



Chemical / Seed Rate Chart 14 Series Linear / Broadcast Applicator

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

1. 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

2. Check tour 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.

3. 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.

4. 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:

- A. Suspend a calibration pan under spreader.
- B. Set Gauge.
- C. Place a sufficient amount of material in the spreader for a practice area.
- D. Cover a know area, such as 1,000 sq. ft.
- E. Weigh the contents of the calibration pan.
- F. 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

 CHECK GROUND SPEED: Use these distances traveled in one minute:

	1 mph	2 mph							9 mph	10 mph
1	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.
61/2	2 min. 32 sec.
6	2 min. 45 sec.
5 ½	3 in. 0 sec.
5	3 min. 18 sec.
4 ½	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.

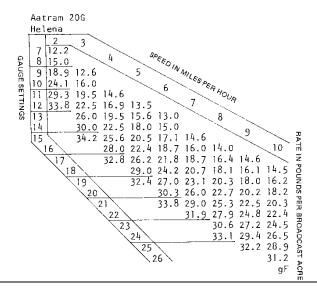
BROADCAST CHEMICALS

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.

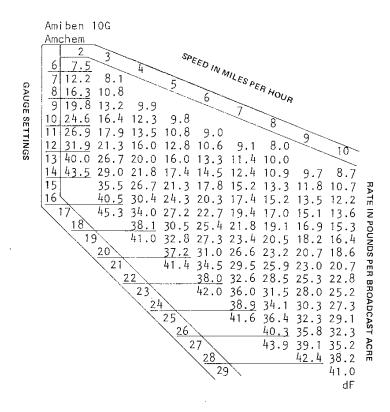
EXAMPLE 1 — without tube stabilizers: To apply Aatram 20G at 25 pounds per broadcast acre at 5 mph, go down the column under 5 mph to 22.4, then left to gauge setting 16. Your precise gauge setting is 16.8.

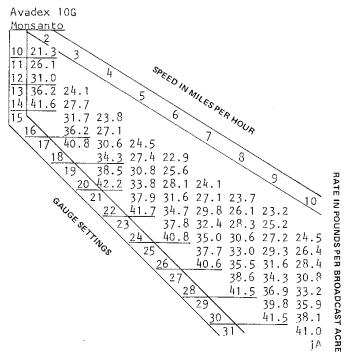
EXAMPLE 2 — with tube stabilizers: To apply Aatram 20G at 25 pounds per broadcast acre at 5 mph, add 10% to your rate to get a corrected rate of 27.5. Go down the column under 5 mph to 26.2, then left to gauge setting 17. Your precise gauge setting is 17.5

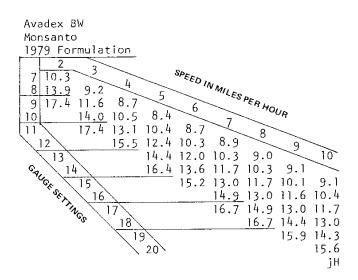


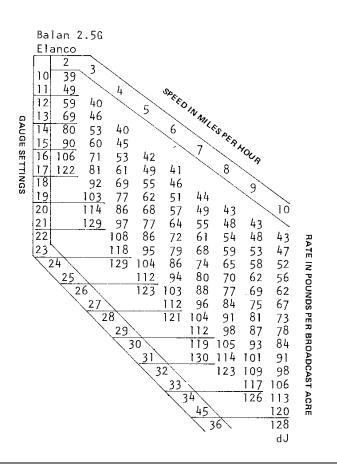
BROADCAST HERBICIDES

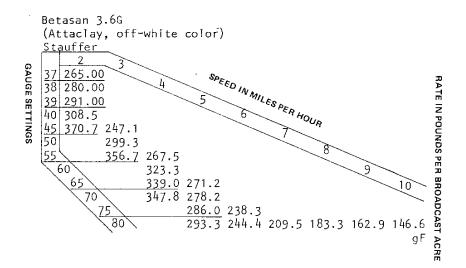
with hopper openings or drop tubes spaced 6-inches apart.

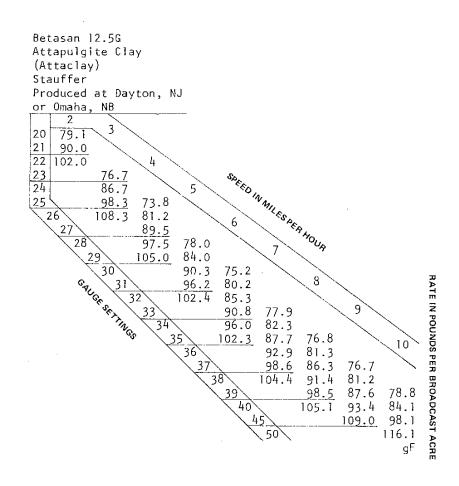


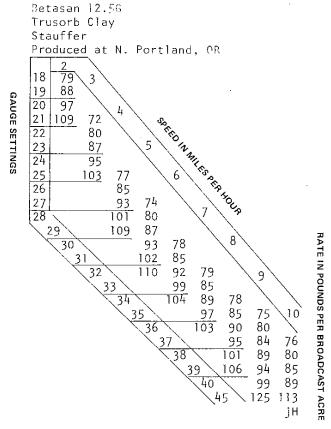


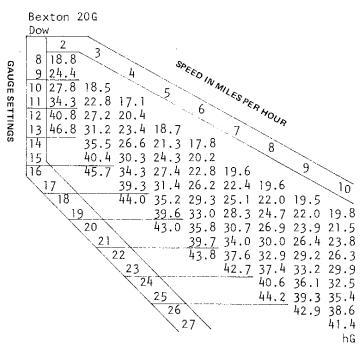








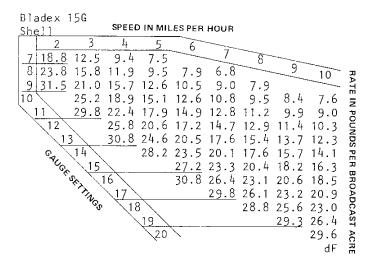




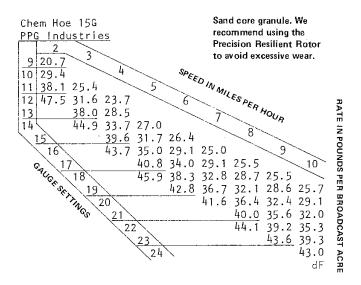
RATE IN POUNDS PER BROADCAST ACRE

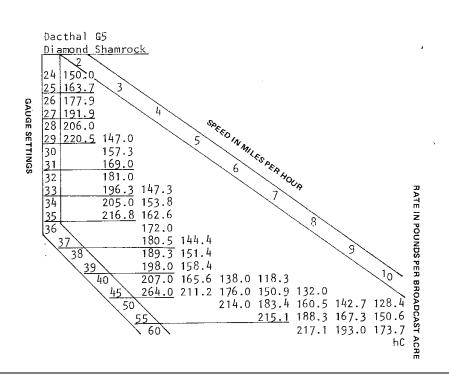
BROADCAST HERBICIDES

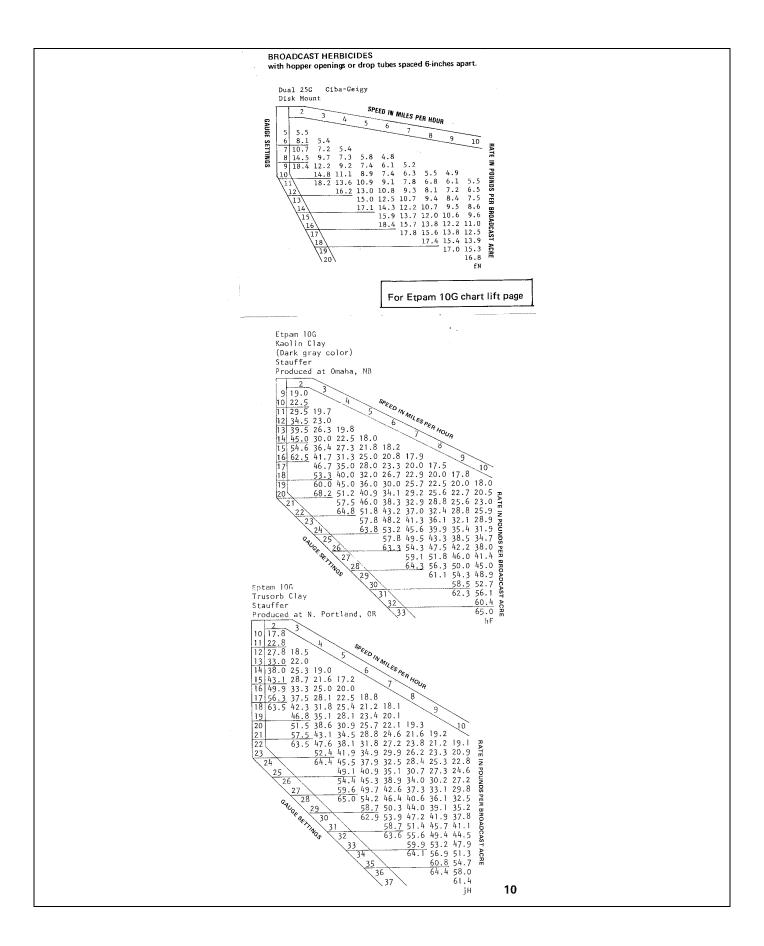
with hopper openings or drop tubes spaced 6-inches apart.



GAUGE SETTINGS		oran G mpson 2 44.5 50.0 57.5 65.0 70.5 79.0 85.0 92.5 102.0 113.5 140.0 150.5 175.0 185.0 197.5 205.0 246.0 246.0 342.0 426.3 517.5		46.3 51.0 56.8 62.0 65.8 70.0 75.3 81.3 87.5 92.5 98.8 102.5 110.3 117.0 123.0 171.0 213.1	49.6 52.6 56.0 65.0 74.0 79.0 82.0 98.4 105.6 136.8 170.5 207.0	46.7 50.2 54.2 58.3 61.7 65.8 82.0 88.0 114.0 142.1 172.5	7 46.4 50.9 56.4 66.9 70.3 75.4 97.7 121.8 147.9	49.4 51.3 558.5 66.0 85.6 106.6 129.4	49.0 52.0 54.7 76.0 94.7 115.0	10 49.2 52.8 68.4 85.3 103.5	RATE IN POUNDS PER BROADCAST
	45	342.0	228.0	171.0	136.8	114.0	97.7	85.5	76.0	68.4	PER BF
				-	, -						ÕA
	60	517.5	408.3	306.3	245.0	204.2	175.0	153.1	136.1	122.5	ĎĊ
			436.7	327.5		218.3	187.1	163.8	145.6	131.0	AS.
	65				280.5		200.4	175.3	155.8	140.3	7 >
	70	1	467.5	350.0	200.5	233.0	200.4	1/2+3	199.0	hG	ACRE

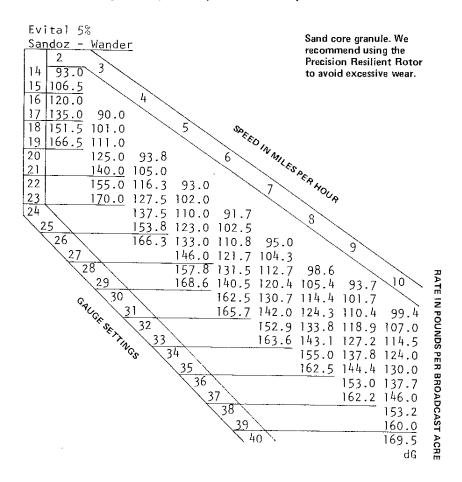


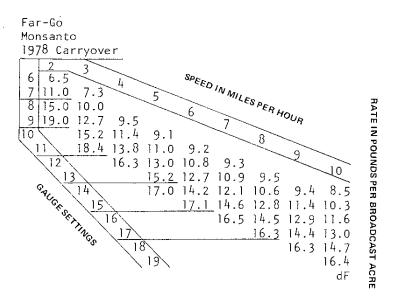




BROADCAST HERBICIDES

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

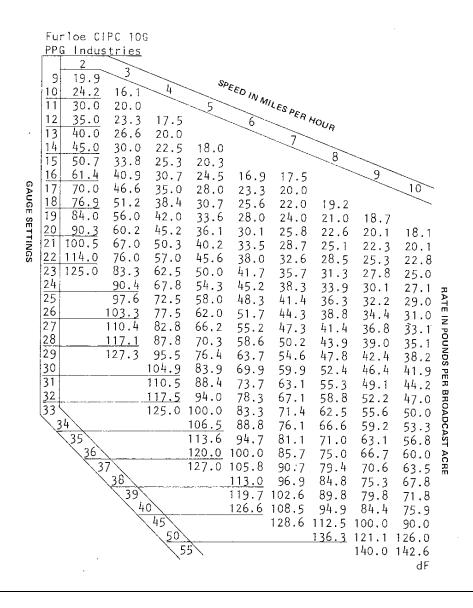


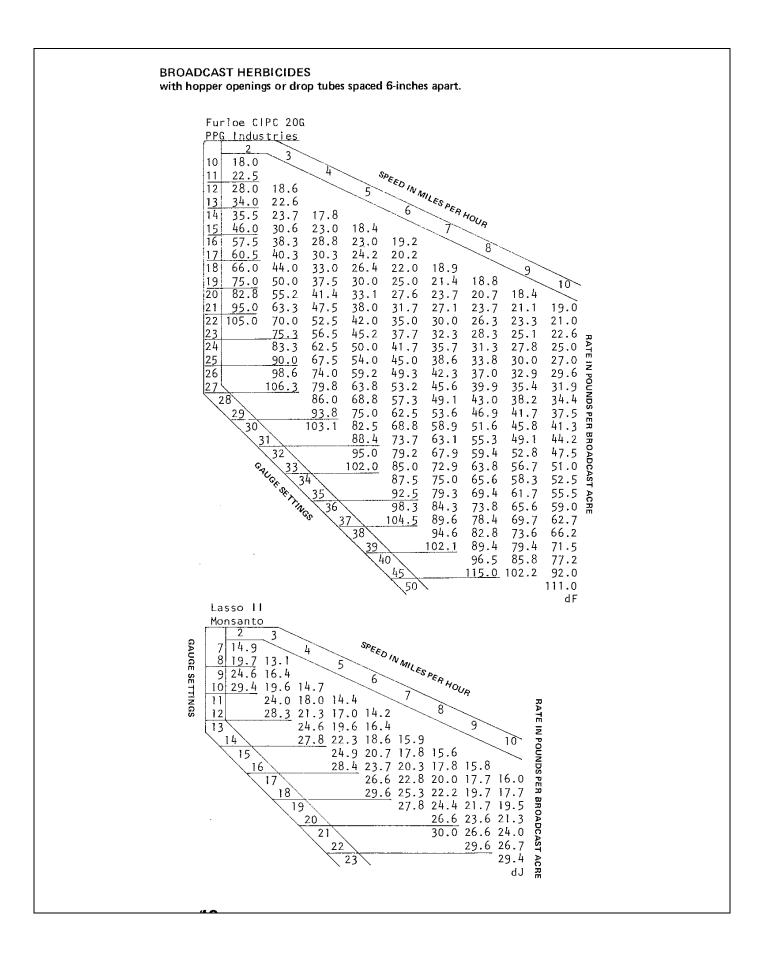


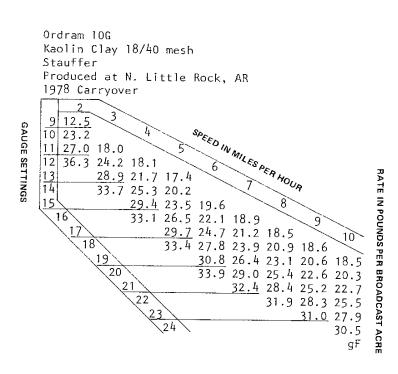
Far-Go 10G Monsanto 1979 production (See Avadex BW) page 5

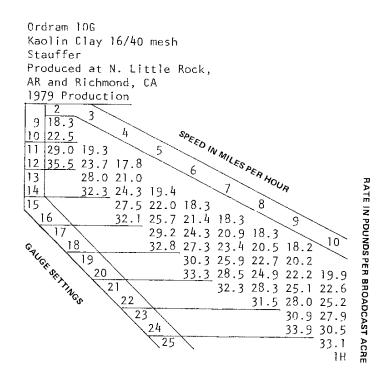
BROADCAST HERBICIDES

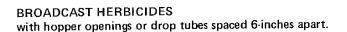
with hopper openings or drop tubes spaced 6-inches apart.

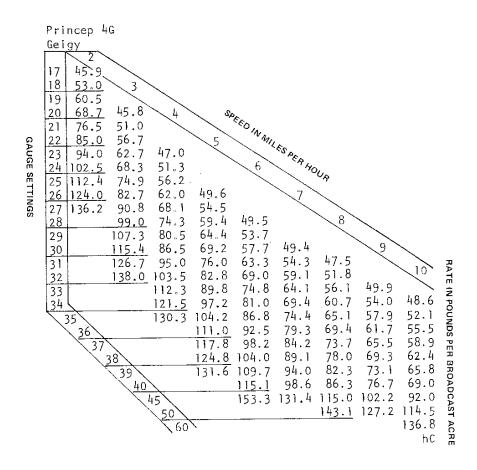


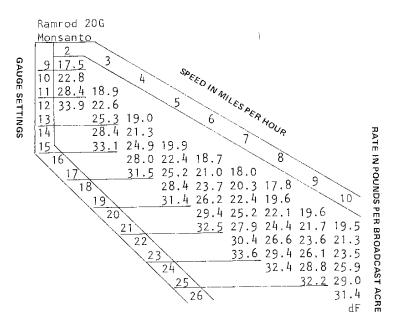






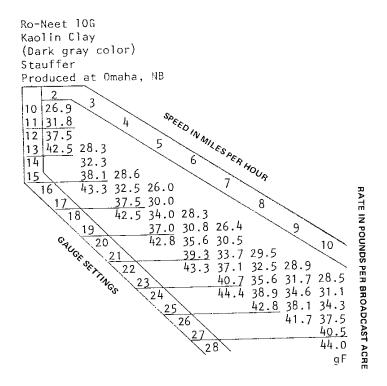


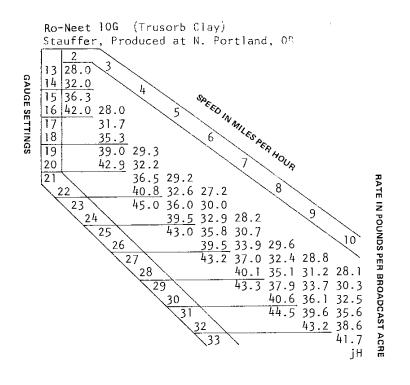


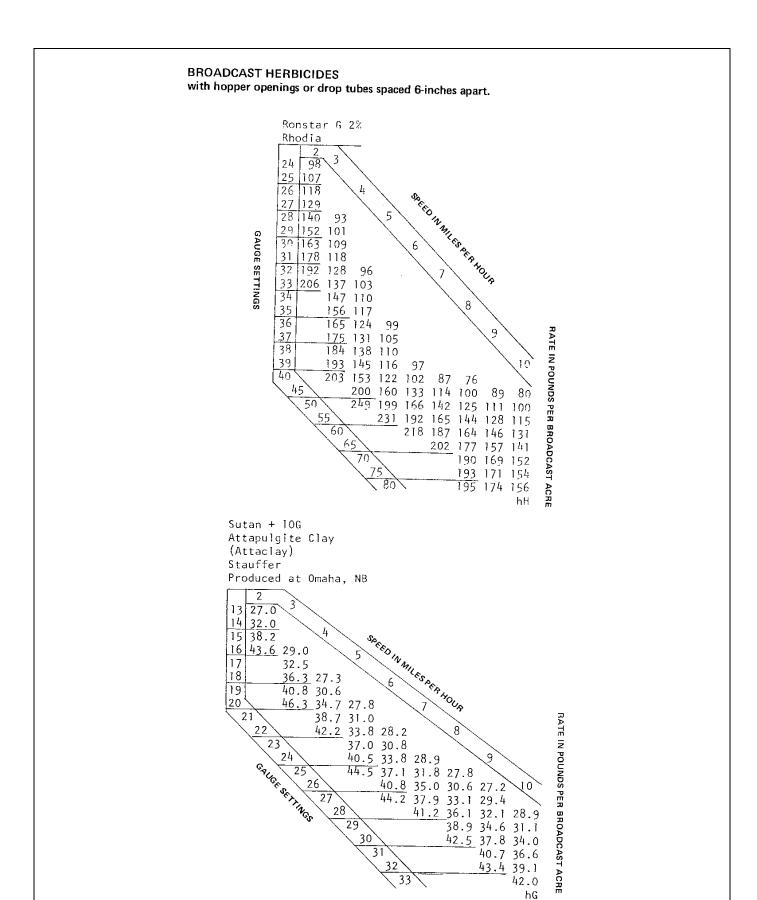


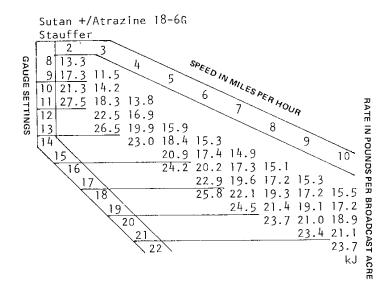
BROADCAST HERBICIDES with hopper openings or drop tubes spaced 6-inches apart. Randox 20G Monsanto 2 8 15.0 SPEED IN MILES PER HOUR 9 20.0 10 25.7 17.1 <u>11 30.0</u> 20.0 21 36.3 24.2 18.1 13 28.3 21.2 RATE IN POUNDS PER BROADCAST ACRE 14 32.3 24.3 19.4 15 <u>29.7</u> 23.8 19.8 31.3 25.0 20.8 26.4 22.0 27.8 23.2 19.9 30.0 25.0 21.4 18.8 10 32.6 27.2 23.3 20.4 18.1 <u>31.5</u> 27.0 23.6 21.0 18.9 30.9 27.0 24.0 21.6 23 35.3 30.9 27.4 24.7 34.6 30.8 27.7 25 34.7 31.3 Ro-Neet 10G Attapulgite Clay (Attaclay) Stauffer Produced at N. Little Rock, AR or Omaha, NB 12 28.0 13 32.0 SPEED IN MILES PER HOUR 14 37.0 15 41.<u>9</u> 27.9 32.5 16 17 <u>37.0</u> 27.8 18 41.7 31.3 19 <u>34.8</u> 27.8 38.1 30.5 RATE IN POUNDS PER BROADCAST ACRE 43.0 34.4 28.7 38.0 31.7 41.6 34.7 29.7 37.9 32.5 28.4 41.1 35.2 30.8 27.4 38.9 34.1 30.3 42.6 37.3 33.2 29.9 40.6 36.1 32.5

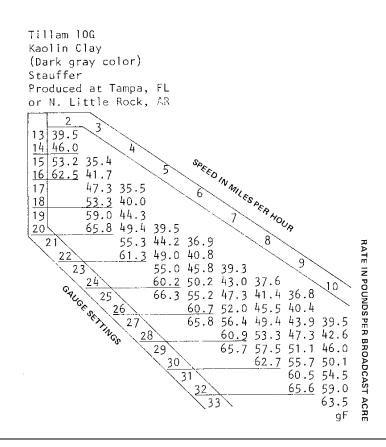
39.0 35.1 42.1 37.9 41.1 јН

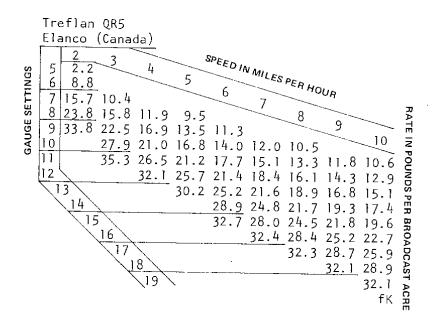


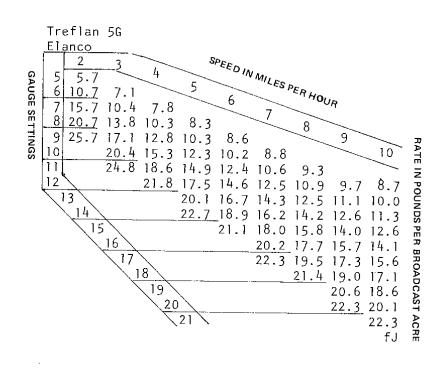


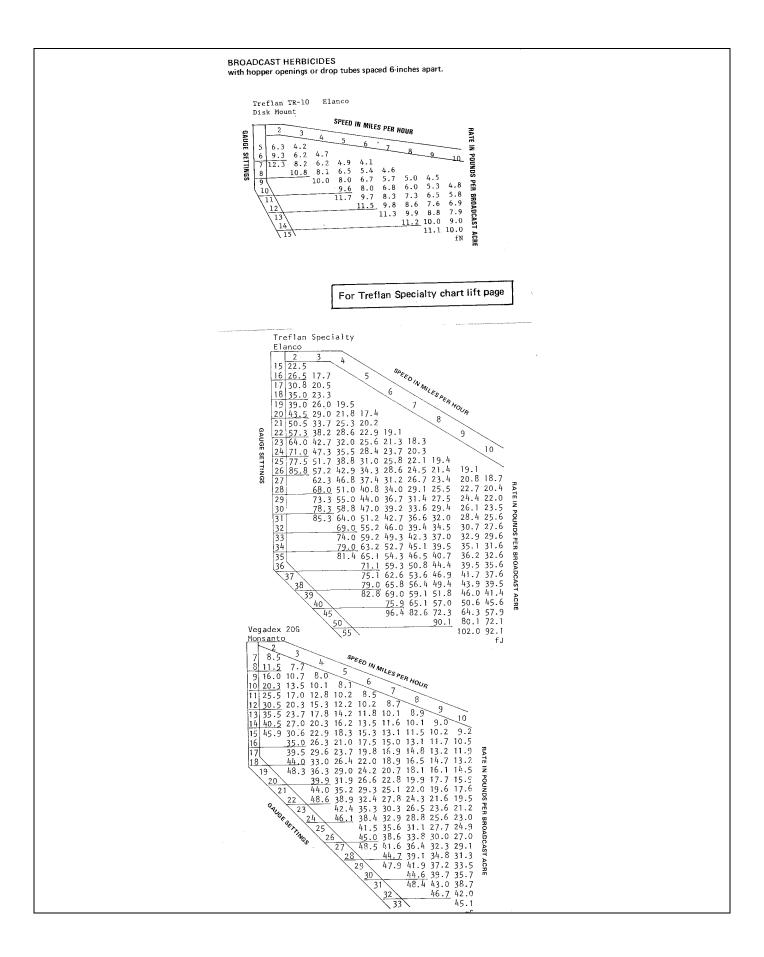












BROADCAST HERBICIDES

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

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

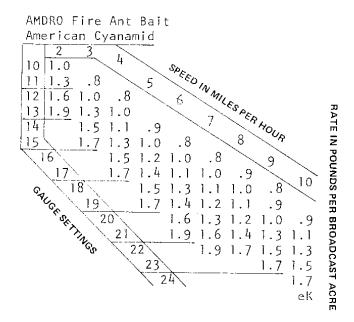
SPEED IN MILES PER HOUR 9 19.5 10 24.7 <u>11 29.5</u> 19.7 12 34.5 23.0 17.3 RATE IN POUNDS PER BROADCAST ACRE 13 <u>26.7</u> 20.0 30.7 23.0 18.4 35.2 26.4 21.1 17.6 30.3 24.2 20.2 17.3 35.0 28.0 23.3 20.0 17.5 32.0 26.7 22.9 20.0 17.8 31.3 26.9 23.5 20.9 18.8 30.7 26.9 23.9 21.5 33.7 29.5 26.2 23.6 32.4 28.8 25.9 <u>31.6</u> 28.4 31.1 gF

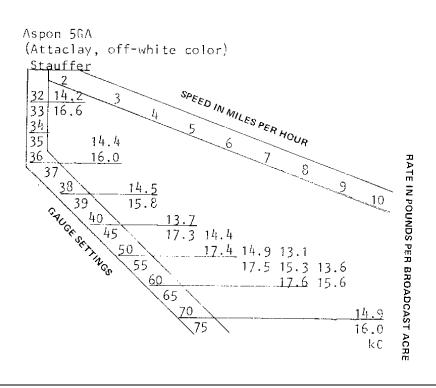
Weed Rhap 2,4-D 30%

GAUGE SETTINGS

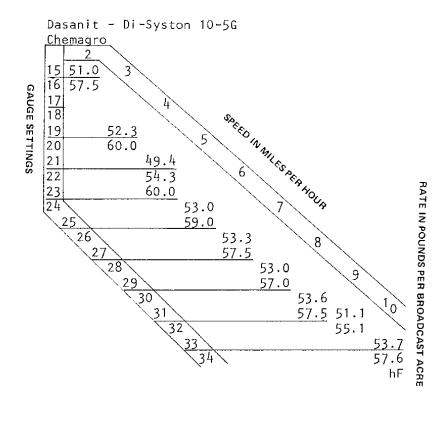
15-30 Mesh SPEED IN MILES PER HOUR

Tra	nsvaal	lnc.		SPEEL	114 MILES	01 [0				
\Box	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	3
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	
	•								d l	

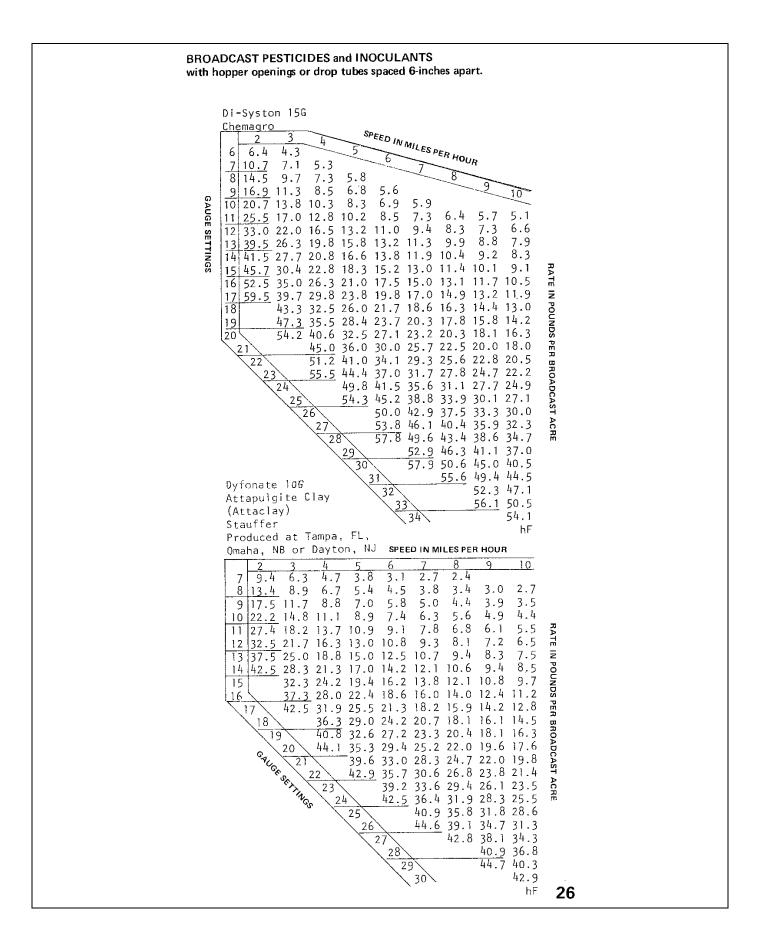




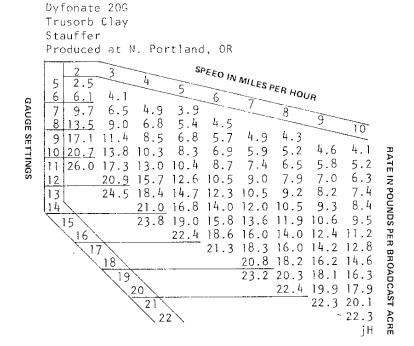
BROADCAST PESTICIDES and INOCULANTS with hopper openings or drop tubes spaced 6-inches apart. Belt 33.3G SPEED IN MILES PER HOUR Velsicol 2 9 10 1.9 3.8 2.5 6.8 4.5 3.4 2.7 2.3 2.8 6.5 3.3 2.5 9.8 4.9 3.9 2.8 8.3 3.6 2.5 6.3 5.0 3.1 10 12.5 4.2 4.5 4.0 3.6 9.0 7.2 6.0 5.1 11 | 18.0 12.0 5.8 5.1 4.6 <u>12 23.0</u> 15.3 11.5 9.2 7.7 6.6 13 28.0 18.7 14.0 11.2 8.0 7.0 6.2 9.3 <u>14 33.0</u> 22.0 16.5 13.2 11.0 9.4 8.3 7.3 6.6 25.4 19.1 15.3 12.7 10.9 9.5 8.5 15 <u>30.7</u> 23.0 18.4 15.3 16 13.1 11.5 10.2 17 27.1 21.7 18.1 15.5 13.5 12.0 10.8 <u>31.2</u> 25.0 20.8 17.8 15.6 13.9 12.5 28.2 23.5 20.1 17.6 15.7 14.1 <u>31.5</u> 26.3 22.5 19.7 17.5 15.8 20 30.3 26.0 22.7 20.2 18.2 21 29.7 26.0 23.1 20.8 22 33.4 29.3 26.0 23.4 32.5 28.9 26.0 31.7 28.5 26 31.0 įΑ Dasanit 15G <u>Chemagro</u> SPEED IN MILES PER HOUR 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 <u>15 46.9</u> 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 54.6 41.0 32.8 27.3 23.4 20.5 18.2 61.3 46.0 36.8 30.7 26.3 23.0 20.4 18.4 21 22 67.3 50.5 40.4 33.7 28.9 25.3 22.4 20.2 56.5 45.2 37.7 32.3 28.3 25.1 22.6 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 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 68.2 56.8 48.7 42.6 37.9 34.1 29 30 60.6 52.0 45.5 40.4 36.4 65.4 56.1 49.1 43.6 39.3 31 32 <u>70.0</u> 60.0 52.5 46.7 42.0 64.4 56.4 50.1 45.1 33 69.6 60.9 54.1 48.7 65.2 58.0 52.2 35 70.0 62.2 56.0 66.6 59.9 70.3 63.3 38 67.0 hF

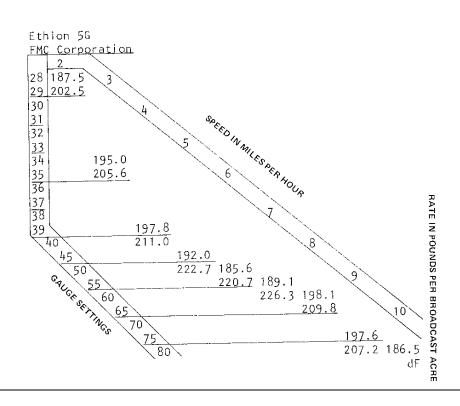


Diazinon 14 Ciba-Geigy	G SPEE	ED IN M	LES PE	R HOUR			
2 3	4 5	6	7	8	9	10	
15 26.1 17.	4 13.1 10.4	8.7	7.5	6.5	5.8		
16 31.5 21.	0 15.8 12.6	10.5	9.0	7.9	7.0	6.3	
[17] 25.			10.7	9.4	8.3	7.5	æ
	9 21.7 17.4		12.4	10.9	9.6	8.7	RATE
19	24.7 19.8	-	14.1	12.4	11.0	9.9	z
20	<u>27.8</u> 22.2	_	15.9	13.9	12.3	11.1	PQ
21	31.1 24.9		17.8		13.8	12.5	ž
22	27.8	-			15.4	13.9	IN POUNDS PER
23	30.7	-	21.9	19.2	17.1	15.4	m H
CAUGE SETTIN		28.0	24.0	21.0	18.7		B
. Cor. 2.	2	30.6		23.0	20.4	18.4	õ
"SEX	26		28.6	-	22.2	20.0	Ď
γ_{n}	27			27.4	24.3	_	S.
	& 28			<u> 29.7</u>	26.4	23.7	Σ̈́
	29 30	_			28.5		BROADCAST ACRE
	\ -	31			<u> 30 . 7</u>		,,,
	\.) '				30.5 hC	
						110	



BROADCAST PESTICIDES and INOCULANTS with hopper openings or drop tubes spaced 6-inches apart. Dyfonate 10G Trusorb Clay Stauffer Produced at N. Portland, QR. SPEED IN MILES PER HOUR 9.4 8.8 8.6 17.1 11.4 8.4 10 21.0 14.0 10.5 11 25.6 17.1 12.8 10.2 8.5 <u>12 30.3</u> 20.2 15.1 12.1 10.1 13 34.9 23.3 17.5 14.0 11.6 10.0 8.7 <u>39.5</u> 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 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 40.5 32.4 27.0 23.1 20.2 18.0 16.2 22 23 24 25 45.9 36.7 30.6 26.2 22.9 20.4 18.4 41.1 34.3 29.4 25.7 22.8 20.6 37.9 32.5 28.4 25.3 22.7 <u>41.6</u> 35.6 31.2 27.7 25.0 38.8 33.9 30.1 27.1 26 27 42.6 37.3 33.1 29.8 40.7 36.2 32.6 44<u>.0</u> 39.1 35.2 42.1 37.9 30 40.5 jΗ Dyfonate 20G Attapulgite Clay (Attaclay) Stauffer Produced at Tampa, FL. SPEED IN MILES PER HOUR Omaha, NB or Dayton, NJ 10 2.8 5.5 3.7 2.2 1.8 1.6 4.5 6.0 3.6 2.3 1.8 3.0 2,6 2.0 8 14.0 7.0 9.3 RATE IN POUNDS PER 5.6 4.7 4.0 3.5 2.3 3.1 9 18.4 12.3 9.2 7.4 5.3 4.6 6.1 4.1 3.7 10 23.8 15.8 11.9 9.5 7.9 6.8 5.9 5.3 4.8 19.3 14.5 11.6 8.3 7.3 9.7 6.4 5.& 12 23.0 17.3 13.8 11.5 8.6 9.9 7.7 6.9 13 20.0 16.0 13.3 11.4 10.0 8.9 8.0 22.5 18.0 15.0 12.9 11.3 10.0 20.8 17.3 14.8 13.0 11.5 10.4 24.0 20.0 17.1 15.0 13.3 12.0 22.7 19.4 17.0 15.1 13.6 21.7 19.0 16.9 15.2 21.0 18.7 16.8 20.1 18.1 22.1 19.9 22 22.2 hF

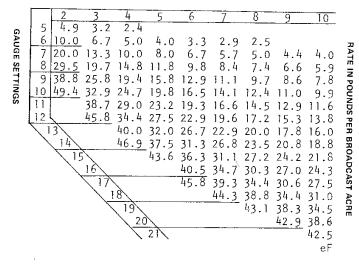


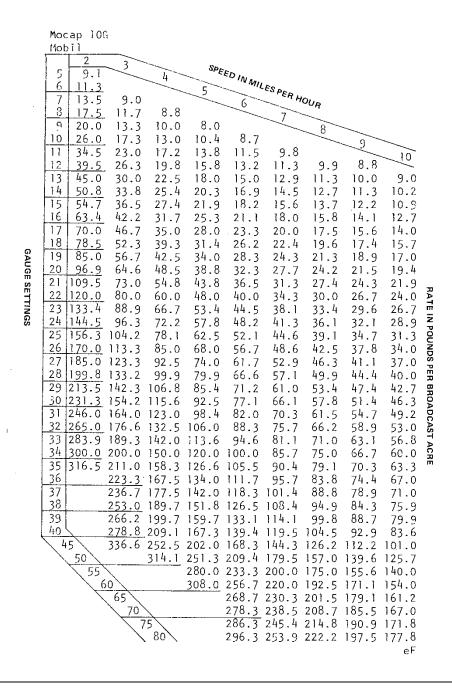


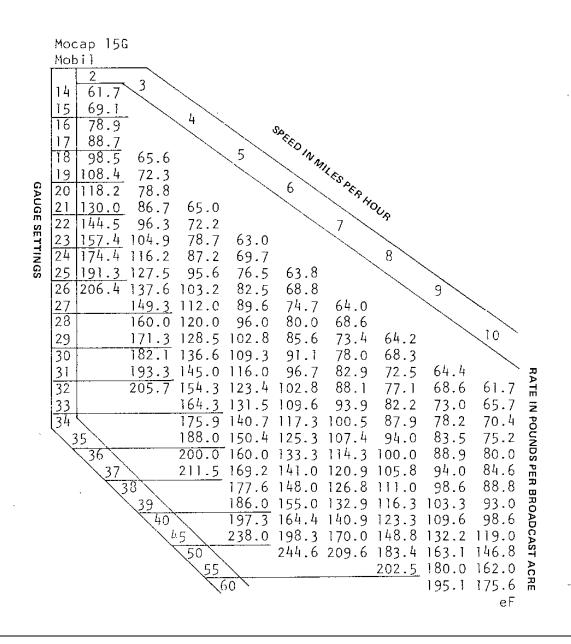
Sand core granule. We recommend using the Precision Resilient Rotor to avoid excessive wear.

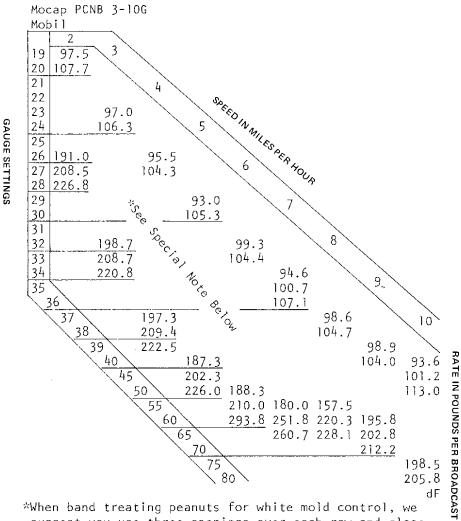
Furadan 10G Sand Core FMC & Chemagro

SPEED IN MILES PER HOUR

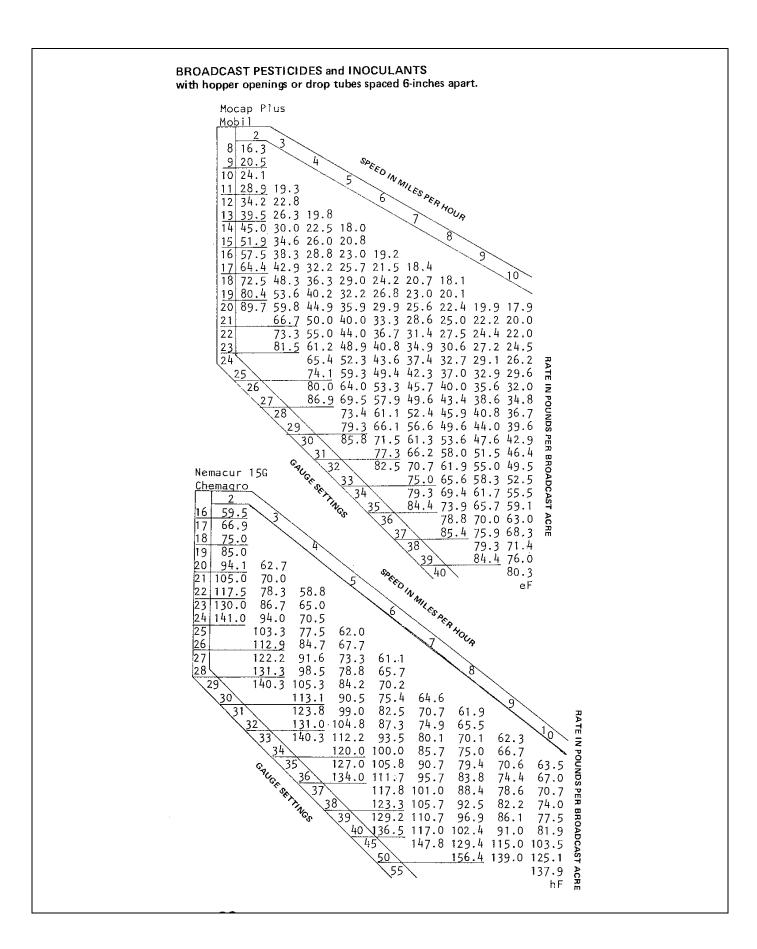


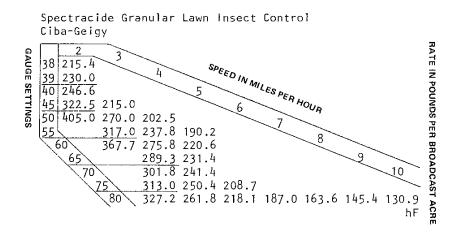


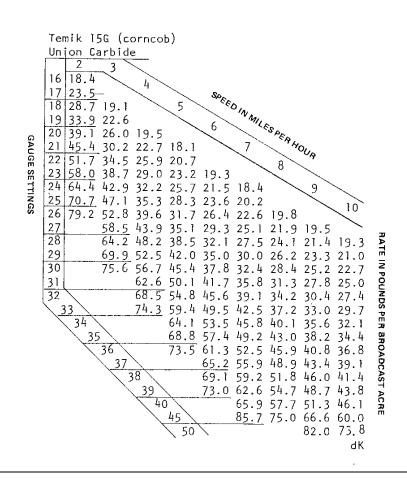




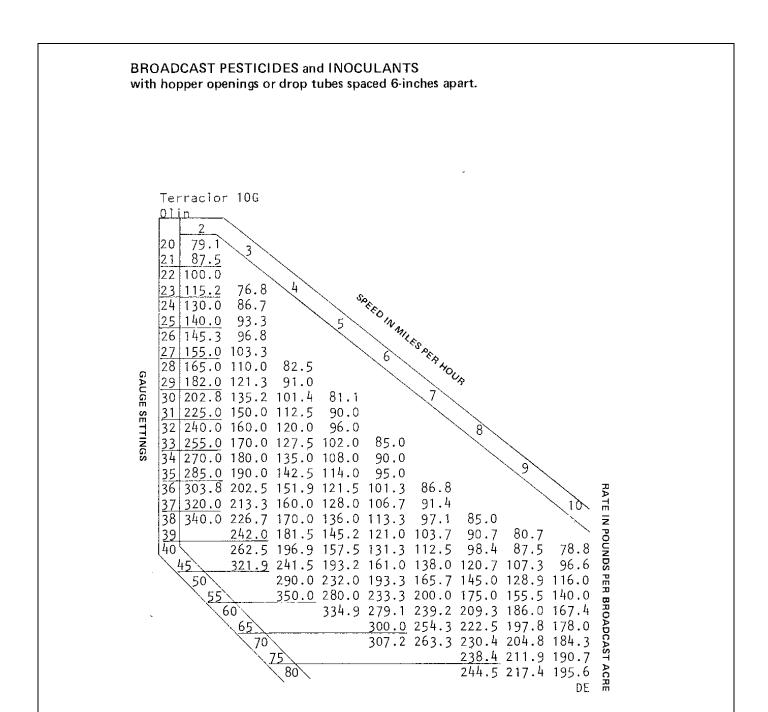
*When band treating peanuts for white mold control, we suggest you use three openings over each row and close off the other three or four between each row (depending on your row spacing). Consequently, to apply 100 pounds per acre in the bands, you have to use 200 for 36-inch rows or 225 for 38-40-inch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

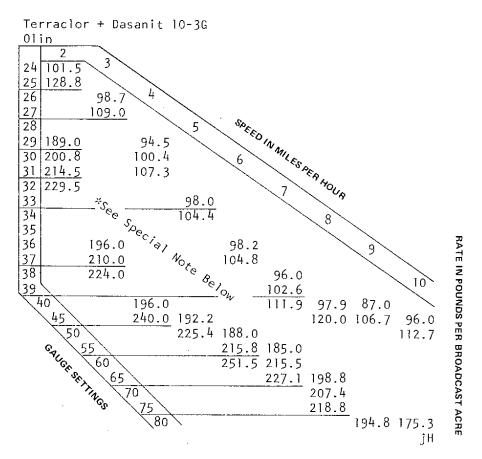




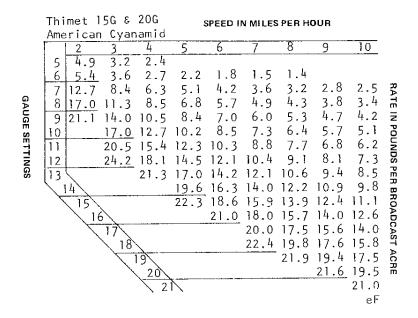


Temik 15G Gypsum Granules Union Carbide SPEED IN MILES PER HOUR 10 3.5 15. 3.9 10.4 6.3 3.1 8.9 22.4 14.9 11.2 7.5 6.4 5.6 5.0 4.5 9 28.5 19.0 14.3 11.4 9.5 8.1 7.1 6.3 5.7 24.6 18.5 14.8 12.3 10.5 9.2 8.2 7.4 11 44.3 29.5 22.1 17.7 14.8 12.6 9.8 8.9 11.1 12 53.0 35.3 26.5 21.2 17.7 15.1 13.3 11.8 10.6 Z 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 <u>61.7</u> 46.3 37.0 30.8 26.4 23.1 20.6 18.5 70.0 52.5 42.0 35.0 30.0 26.3 23.3 21.0 17 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 23 24 25 26 71.5 59.6 51.1 44.7 39.7 35.8 65.0 55.7 48.8 43.3 39.0 70.0 60.0 52.5 46.7 42.0 65.5 62.5 51.0 45.9 <u>71.4</u> 68.0 55.6 50.0 73.8 60.4 54.4 65.6 59.0 71.1 64.0 30 69.0 ЬН Temik TSX Union Carbide SPEED IN MILES PER HOUR 12 10.8 8.7 13 13.1 14 15.8 10.5 15 18.2 12.1 9.1 16 22.3 14.8 11.1 8.9 25.8 17.2 12.9 10.3 17 18 29.5 19.7 14.8 11.8 9.8 10 19 33.3 22.2 16.6 13.3 11.1 9.5 24.8 18.6 14.9 12.4 10.6 20 9.3 21 29.3 22.0 17.6 14.7 12.6 11.0 9.8 8.8 RATE IN POUNDS PER BROADCAST 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 31.7 27.2 23.8 21.1 19.0 29 34.3 29.4 25.7 22.8 20.6 31.6 27.7 24.6 22.1 34.6 30.3 26.9 24.3 32 33.1 29.4 26.5 31.8 28.6 34.3 30.9 33.0 36 35.2

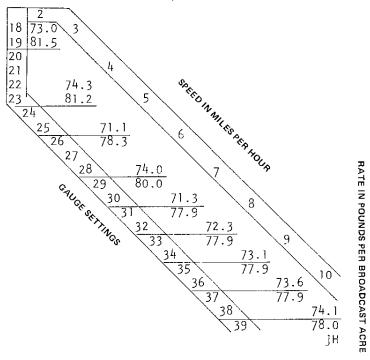


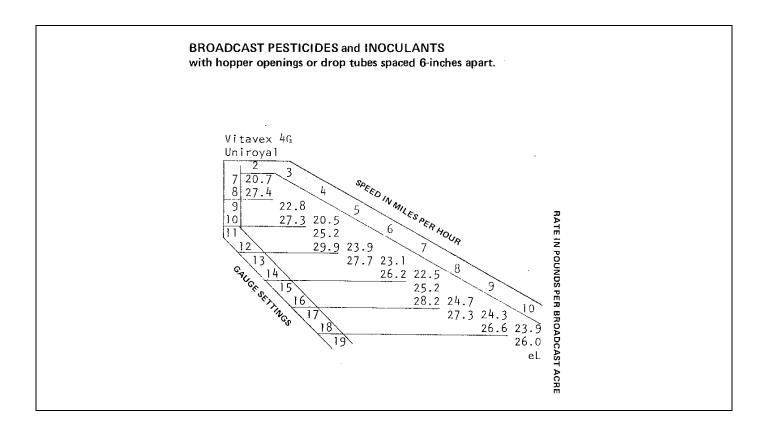


*When band treating peanuts for white mold control, we suggest you use three openings over each row and close off the other three or four between each row (depending on your row spacing). Consequently, to apply 100 pounds per acre in the bands, you have to use 200 for 36-inch rows or 225 for 38-40-inch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



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





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 sg 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 Dunce 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

INDEX

HERBICIDES	Page No.
Aatram 20G	3
Amiben 10G	4
Avadex 10G	4
Avadex BW	5
Balan 2.5G	5
Betasan 3.6G	6
Betasan 12.5G	6-7
Bexton 20G	7
Bladex 15G	8
Casoran 4G	8
Chem-Hoe 15G	9
Dacthal 5G	9
Eptam 10G	10
Evital 5%	11
Far-Go	11
Furloe CIPC 10G	12
Furloe CIPC 20G	13
Lasso II	13
Ordram 10G	14
Princep 4G	15
Ramrod 20G	15
Randox 20G	16
Ro-Neet 10G	16-17
Ronstar G 2% (Chipco)	18
Sutan + 10G	18
Sutan +/ Atrazine 18-6G	19
Tillam 10G	19
Treflan 5G	20
Treflan Specialty	20
Treflan QR5	20
Vegadex 20G	21
Vernam 10G	22
Weed Rhap 2, 4-D 30%	22

INDEX

PESTICIDES and INOCULANTS	Page No.
ANDRO Fire Ant Bait	23
Aspon 5GA	23
Belt 33.3G	. 24
Dasanit 15G	24
Dasanit – Di-Syston 10-5G	25
Diazinon 14G	25
Di-Syston 15G	26
Dyfonate 10G	26 - 27
Dyfonate 20G	27 - 28
Ethion 5G	28
Furadan 10G	29
Mocap 10G	30
Mocap 15G	31
Mocap PCNB 3-10G	32
Mocap Plus	33
Nemacur 15G	33
Spectracide Lawn Insect Control	34
Temik 15G - Corn Cob	34
Temik 15G Gypsum Granules	35
Temik TSX	35
Terraclor 10G	36
Terraclor + Dasanit 10-3G	37
Thimet 15G & 20G	38
Trithion 10G	38
Vitavex 4G	38

Seed Rate Chart Section

ALFALFA SEED

Speed of Travel in Miles Per Hour - All holes open-Broadcast 2 10 12 5 6 11 Gauge Setting lbs-oz 5-0 1-11 0-13 0-10 0-9 0-7 No. 4 2-8 1-4 1-0 0-11 0-8 0-6 8-12 4-6 2-15 1-12 1-7 1-4 1-0 0-14 0-13 0-12 No. 5 2-3 1-2 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 33-12 16-14 11-4 8-7 6-12 4-13 4-4 3-12 3-6 3-1 2-13 No. 9 5-10 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 45-0 22-8 15-0 9-0 7-8 6-7 5-10 5-2 4-8 4-15 No. 11 11-4 3-12 No. 12 50-0 25-0 16-11 12-8 10-11 8-5 7-2 6-4 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 77-8 19-6 8-10 No. 15 38-12 25-13 15-8 12-15 11-1 9-11 7-12 7-1 6-7 8-12 19-4 13-12 12-0 No. 16 96-4 48-2 32-1 24-1 16-1 10-11 9-10 8-0 36-11 27-8 10-0 No. 17 110-0 55-0 22-0 18-5 15-11 13-12 12-4 11-0 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 10-3 311-7 1090-0 726-11 545-0 436-0 363-5 242-3 218-0 No. 80 2180-0 272-8 198-3 181-11

(Pound of Material Per Acre)

ALSIKE CLOVER

Speed of Travel in Miles Per Hour - All holes open - Broadcast 10 11 12 5 6 7 1 Gauge lbs-oz Setting 0-1 3/4 No. 2 1-4 0-10 0-7 0-5 0-40-3 0-2 3/4 0-2 1/2 0-2 1/4 0-2 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 10-13 No. 6 32-8 16-4 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 26-14 17-14 13-7 8-15 7-10 5-15 5-6 4-14 4-7 No. 8 53-12 10-12 6-11 8-9 5-7 No. 9 60-0 30-0 20-0 15-0 12-0 10-0 7-8 6-10 6-0 5-0 6-7 35-6 23-9 17-11 11-13 10-2 7-14 7-1 No. 10 70-12 14-3 8-13 5-14 41-14 27-15 16-12 8-10 7-13 86-4 21-9 13-15 12-5 10-12 9-9 7-3 No. 11 33-5 25-0 20-0 16-11 12-8 11-2 10-0 9-1 No. 12 100-0 50-0 14-5 8-5

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

	1	2	3	4	5	6	77	. 8	9	10	11	12
Gauge Setting	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 11 110100	8	9	10	11	12
Gauge												
Setting	lbs-oz	lbs-oz	lbs-oz	lbs-oz	lbs-oz	ibs-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											
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

MEDIUM RED CLOVER SEED
Speed of Travel in Miles Per Hour — All holes open - Broadcast

	1	2	3	4	5	6	7	88	9	10	11	12
Gauge Setting	lbs-oz	ibs-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

	1	2	3 ่	4	5	6	7	· 8	9	10	11	12
Gauge Setting	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

	1	2	3	4	5	6	7	8	9	10	11	12
Gauge Setting	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	`7-8	15-8	14-0	12-11	11-10

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	ibs-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						
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											
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

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									
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
2 3 4 5 6 7 8 9

	1	2	3	4	5	6	7	8	9	10
Gauge Setting	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