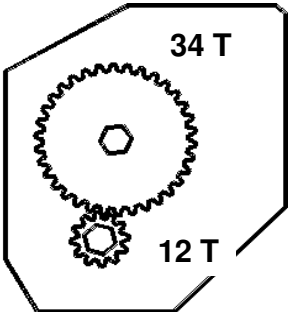
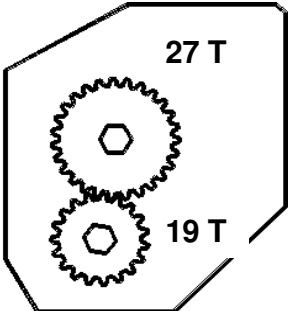


# Flow Rates in lbs/acre for RED ROLLER

Apr-09

**Valmar 1655, 2055, 3255 IM, 245 PT, 245TM, 242TM, 1255 PT, 6600/7600 PT, 1255 TR, 1255 IM, 5500PT**

Red roller - 1/4 in. gap

FORAGE	GEARBOX SETTING																GEARBOX INPUT RATIO	
	NO. 1		NO. 2		NO. 3		NO. 4		NO. 5		NO. 6		NO. 7		NO. 8			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B		
																	<b>ULTRA LOW RATIO</b>	
Kentucky Bluegrass	15	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.6		
Creeping Red Fescue	18	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.7	1.8		
Crested Wheatgrass		1.2	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.7	1.8	1.9	2.0	2.1	2.2	2.3		
Perennial Ryegrass	22	1.5	1.6	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.7	2.8	3.0		
Timothy	36	2.1	2.2	2.3	2.5	2.6	2.7	2.8	3.0	3.1	3.3	3.4	3.6	3.8	4.0	4.2		
Reed Canary Grass	30	2.5	2.7	2.8	2.9	3.1	3.2	3.4	3.5	3.7	3.9	4.1	4.3	4.5	4.7	5.0		
Birdsfoot Trefoil	49	3.2	3.4	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.2	5.4	5.7	6.0	6.3		
Alfalfa	50	3.9	4.1	4.3	4.5	4.7	4.9	5.2	5.4	5.7	6.0	6.3	6.6	6.9	7.2	7.7		
Clover, Alsike	52	4.5	4.8	5.0	5.3	5.5	5.8	6.1	6.4	6.7	7.0	7.4	7.7	8.2	8.5	9.0		
Clover, Red	51	4.7	5.0	5.2	5.5	5.8	6.1	6.4	6.7	7.0	7.4	7.7	8.1	8.5	8.9	9.4		
Millet, Crown	46	6.5	6.9	7.2	7.6	7.9	8.3	8.7	9.2	9.6	10.1	10.6	11.1	11.7	12.2	12.9		
																		<b>LOW RATIO</b>
Kentucky Bluegrass	15	1.6	1.7	1.8	1.8	1.9	2.0	2.1	2.2	2.3	2.5	2.6	2.7	2.9	3.0	3.2		
Creeping Red Fescue	18	1.8	1.9	2.0	2.1	2.2	2.4	2.5	2.6	2.7	2.8	3.0	3.1	3.3	3.5	3.7		
Crested Wheatgrass		2.3	2.5	2.6	2.7	2.9	3.0	3.1	3.3	3.5	3.6	3.8	4.0	4.2	4.4	4.7		
Perennial Ryegrass	22	3.0	3.1	3.3	3.5	3.6	3.8	4.0	4.2	4.4	4.6	4.9	5.1	5.4	5.6	5.9		
Timothy	36	4.2	4.5	4.6	4.9	5.1	5.4	5.7	5.9	6.2	6.5	6.9	7.2	7.6	7.9	8.4		
Reed Canary Grass	30	5.0	5.3	5.5	5.8	6.1	6.4	6.7	7.1	7.4	7.8	8.2	8.6	9.0	9.4	10.0		
Birdsfoot Trefoil	49	6.3	6.7	7.0	7.4	7.7	8.1	8.5	9.0	9.4	9.9	10.4	10.8	11.4	11.9	12.6		
Alfalfa	50	7.7	8.1	8.5	9.0	9.4	9.9	10.3	10.8	11.4	11.9	12.5	13.1	13.8	14.4	15.3		
Clover, Alsike	52	9.0	9.6	10.0	10.5	11.0	11.6	12.1	12.7	13.4	14.0	14.8	15.4	16.3	17.0	18.0		
Clover, Red	51	9.4	10.0	10.4	11.0	11.5	12.1	12.7	13.3	14.0	14.7	15.4	16.1	17.0	17.8	18.8		
Millet, Crown	46	12.9	13.7	14.3	15.1	15.8	16.6	17.4	18.2	19.2	20.1	21.1	22.1	23.3	24.3	25.8		

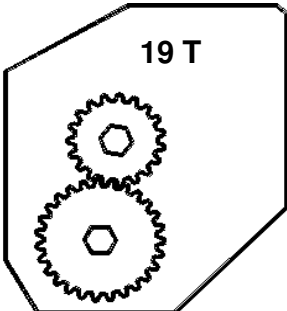
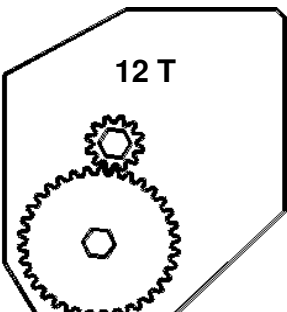
USE THIS CHART AS A GUIDE ONLY, CALIBRATE YOUR APPLICATOR.

# Flow Rates in lbs/acre for RED ROLLER

Apr-09

Valmar 1655, 2055, 3255 IM, 245 PT, 245TM, 242TM, 1255 PT, 6600/7600 PT, 1255 TR, 1255 IM, 5500PT

Red roller - 1/4 in. gap

FORAGE	GEARBOX SETTING																GEARBOX INPUT RATIO
	NO. 1		NO. 2		NO. 3		NO. 4		NO. 5		NO. 6		NO. 7		NO. 8		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
																	<b>MEDIUM RATIO</b>
Kentucky Bluegrass	15	3.2	3.4	3.5	3.7	3.9	4.1	4.3	4.5	4.7	5.0	5.2	5.5	5.8	6.0	6.4	 <p style="text-align: center;">19 T 27 T</p>
Creeping Red Fescue	18	3.7	3.9	4.1	4.3	4.5	4.8	5.0	5.2	5.5	5.8	6.1	6.3	6.7	7.0	7.4	
Crested Wheatgrass		4.7	5.0	5.2	5.5	5.8	6.1	6.4	6.7	7.0	7.3	7.7	8.1	8.5	8.9	9.4	
Perennial Ryegrass	22	6.0	6.4	6.6	7.0	7.3	7.7	8.1	8.5	8.9	9.3	9.8	10.3	10.8	11.3	12.0	
Timothy	36	8.5	9.0	9.4	9.9	10.4	10.9	11.4	12.0	12.6	13.2	13.9	14.5	15.3	16.0	16.9	
Reed Canary Grass	30	10.1	10.7	11.2	11.8	12.3	13.0	13.6	14.3	15.0	15.7	16.5	17.3	18.3	19.0	20.2	
Birdsfoot Trefoil	49	12.8	13.6	14.2	14.9	15.6	16.4	17.2	18.1	19.0	19.9	20.9	21.9	23.1	24.1	25.5	
Alfalfa	50	15.5	16.4	17.1	18.1	18.9	19.9	20.8	21.9	23.0	24.1	25.3	26.5	28.0	29.2	30.9	
Clover, Alsike	52	18.2	19.3	20.1	21.3	22.2	23.4	24.5	25.7	27.0	28.3	29.8	31.2	32.9	34.3	36.3	
Clover, Red	51	19.1	20.2	21.1	22.3	23.3	24.5	25.7	26.9	28.3	29.6	31.2	32.6	34.4	35.9	38.0	
Millet, Crown	46	26.1	27.6	28.8	30.4	31.8	33.5	35.1	36.8	38.7	40.5	42.7	44.6	47.1	49.1	52.0	
																	<b>HIGH RATIO</b>
Kentucky Bluegrass	15	6.4	6.8	7.1	7.4	7.8	8.2	8.6	9.0	9.5	9.9	10.4	10.9	11.5	12.0	12.7	 <p style="text-align: center;">12 T 34 T</p>
Creeping Red Fescue	18	7.4	7.8	8.2	8.6	9.0	9.5	9.9	10.4	11.0	11.5	12.1	12.6	13.3	13.9	14.7	
Crested Wheatgrass		9.4	10.0	10.4	11.0	11.5	12.1	12.7	13.3	14.0	14.6	15.4	16.1	17.0	17.7	18.8	
Perennial Ryegrass	22	12.0	12.7	13.2	14.0	14.6	15.4	16.1	16.9	17.7	18.6	19.6	20.5	21.6	22.5	23.9	
Timothy	36	16.9	17.9	18.7	19.7	20.6	21.7	22.8	23.9	25.1	26.3	27.7	28.9	30.5	31.9	33.7	
Reed Canary Grass	30	20.2	21.4	22.3	23.5	24.6	25.9	27.1	28.5	29.9	31.3	33.0	34.5	36.4	38.0	40.2	
Birdsfoot Trefoil	49	25.5	27.0	28.2	29.8	31.1	32.8	34.3	36.1	37.9	39.7	41.8	43.6	46.1	48.1	50.9	
Alfalfa	50	30.9	32.7	34.1	36.0	37.7	39.7	41.6	43.6	45.8	48.0	50.5	52.8	55.8	58.2	61.6	
Clover, Alsike	52	36.4	38.5	40.2	42.4	44.3	46.7	48.9	51.3	53.9	56.5	59.4	62.1	65.6	68.4	72.5	
Clover, Red	51	38.0	40.3	42.0	44.4	46.4	48.8	51.2	53.7	56.4	59.1	62.2	65.0	68.6	71.6	75.8	
Millet, Crown	46	52.0	55.1	57.5	60.7	63.4	66.8	70.0	73.5	77.1	80.8	85.1	88.9	93.9	98.0	103.7	

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