

For Use with **TRANSPREAD** Density Meter ..... Accuracy of final settings operators responsibility based on use

Gear Box ..LOW		RATE CHART LB. PER ACRE.														Standard Drive Wheel		Gear Box ..LOW		RATE CHART LB. PER ACRE.														Standard Drive Wheel			
Density..LB Cu.Ft.		45														45		Density..LB Cu.Ft.		50														50			
Width		25	30	35	40	45	50	55	60	65	75	80	90	100	110	120	Figures in body of chart = mm of door opening		Width		25	30	35	40	45	50	55	60	65	75	80	90	100	110	120	Figures in body of chart = mm of door opening	
Rate	Rate	^	^	^	^	^	^	^	^	^	^	^	^	^	^	^	Rate	Rate	^	^	^	^	^	^	^	^	^	^	^	^	^	^	^	^	^		
20	20										24	26	29	32	36	39																	26	29	32	35	
30	30						24	27	29	32	37	39	44	49	54	58										24	26	28	33	35	39	44	48	53			
40	40				26	29	32	36	39	42	49	52	58	65	71	78																					
50	50	24	28	32	37	41	45	49	53	61	65	73	81	89	97											26	29	32	35	38	44	47	53	58	64	70	
60	60	24	29	34	39	44	49	54	58	63	73	78	88	97	107	117																					
70	70	28	34	40	45	51	57	62	68	74	85	91	102	114	125	136																					
80	80	32	39	45	52	58	65	71	78	84	97	104	117	130	143	156																					
90	90	37	44	51	58	66	73	80	88	95	110	117	131	146	161	175																					
100	100	41	49	57	65	73	81	89	97	105	122	130	146	162	178	195																					
110	110	45	54	62	71	80	89	98	107	116	134	143	161	178	196	214																					
120	120	49	58	68	78	88	97	107	117	127	146	156	175	195	214	234																					
130	130	53	63	74	84	95	105	116	127	137	158	169	190	211	232	253																					
140	140	57	68	80	91	102	114	125	136	148	170	182	204	227	250	273																					
150	150	61	73	85	97	110	122	134	146	158	183	195	219	243	268																						
160	160	65	78	91	104	117	130	143	156	169	195	208	234	260																							
170	170	69	83	97	110	124	138	152	166	179	207	221	248	276																							
180	180	73	88	102	117	131	146	161	175	190	219	234	263																								
190	190	77	92	108	123	139	154	170	185	200	231	247	277																								
200	200	81	97	114	130	146	162	178	195	211	243	260																									
210	210	85	102	119	136	153	170	187	204	221	256	273																									
220	220	89	107	125	143	161	178	196	214	232	268																										
230	230	93	112	131	149	168	187	205	224	243	280																										
240	240	97	117	136	156	175	195	214	234	253																											
250	250	101	122	142	162	183	203	223	243	264																											
260	260	105	127	148	169	190	211	232	253	274																											
270	270	110	131	153	175	197	219	241	263																												
280	280	114	136	159	182	204	227	250	273																												
290	290	118	141	165	188	212	235	259																													
300	300	122	146	170	195	219	243	268																													
320	320	130	156	182	208	234	260																														
340	340	138	166	193	221	248	276																														
360	360	146	175	204	234	263																															
380	380	154	185	216	247	277																															
400	400	162	195	227	260																																
425	425	172	207	241	276																																
450	450	183	219	256																																	
475	475	193	231	270																																	
500	500	203	243																																		
525	525	213	256																																		
550	550	223	268																																		
575	575	233	280																																		
600	600	243																																			



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Gear Box ..LOW		RATE CHART LB. PER ACRE.												Standard Drive Wheel																			
Density..LB Cu.Ft.		80												90																			
		Figures in body of chart = mm of door opening																															
Width	25	30	35	40	45	50	55	60	65	75	80	90	100	110	120	Width	25	30	35	40	45	50	55	60	65	75	80	90	100	110	120		
Rate																	Rate																
20																																	
30												25	27	30	33																		
40										27	29	33	37	40	44																		
50								25	27	30	33	36	41	44	49	55	60	66															
60					25	27	30	33	36	41	44	49	55	60	66	70	77																
70				26	29	32	35	38	42	48	51	58	64	70	77																		
80			26	29	33	37	40	44	47	55	58	66	73	80	88																		
90		25	29	33	37	41	45	49	53	62	66	74	82	90	99																		
100		27	32	37	41	46	50	55	59	68	73	82	91	100	110																		
110	25	30	35	40	45	50	55	60	65	75	80	90	100	110	120																		
120	27	33	38	44	49	55	60	66	71	82	88	99	110	120	131																		
130	30	36	42	47	53	59	65	71	77	89	95	107	119	131	142																		
140	32	38	45	51	58	64	70	77	83	96	102	115	128	141	153																		
150	34	41	48	55	62	68	75	82	89	103	110	123	137	151	164																		
160	37	44	51	58	66	73	80	88	95	110	117	131	146	161	175																		
170	39	47	54	62	70	78	85	93	101	116	124	140	155	171	186																		
180	41	49	58	66	74	82	90	99	107	123	131	148	164	181	197																		
190	43	52	61	69	78	87	95	104	113	130	139	156	173	191	208																		
200	46	55	64	73	82	91	100	110	119	137	146	164	183	201	219																		
210	48	58	67	77	86	96	105	115	125	144	153	173	192	211	230																		
220	50	60	70	80	90	100	110	120	131	151	161	181	201	221	241																		
230	52	63	73	84	94	105	115	126	136	157	168	189	210	231	252																		
240	55	66	77	88	99	110	120	131	142	164	175	197	219	241	263																		
250	57	68	80	91	103	114	126	137	148	171	183	205	228	251	274																		
260	59	71	83	95	107	119	131	142	154	178	190	214	237	261																			
270	62	74	86	99	111	123	136	148	160	185	197	222	246	271																			
280	64	77	89	102	115	128	141	153	166	192	204	230	256																				
290	66	79	93	106	119	132	146	159	172	199	212	238	265																				
300	68	82	96	110	123	137	151	164	178	205	219	246	274																				
320	73	88	102	117	131	146	161	175	190	219	234	263																					
340	78	93	109	124	140	155	171	186	202	233	248	279																					
360	82	99	115	131	148	164	181	197	214	246	263																						
380	87	104	121	139	156	173	191	208	225	260	277																						
400	91	110	128	146	164	183	201	219	237	274																							
425	97	116	136	155	175	194	213	233	252																								
450	103	123	144	164	185	205	226	246	267																								
475	108	130	152	173	195	217	238	260																									
500	114	137	160	183	205	228	251	274																									
525	120	144	168	192	216	240	264																										
550	126	151	176	201	226	251	276																										
575	131	157	184	210	236	262																											
600	137	164	192	219	246	274																											

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Standard Drive Wheel															Standard Drive Wheel																						
Gear Box ..LOW		RATE CHART LB. PER ACRE.													Density..LB Cu.Ft.		RATE CHART LB. PER ACRE.													Density..LB Cu.Ft.							
		100													100		110													110							
		Figures in body of chart = mm of door opening															Figures in body of chart = mm of door opening																				
Width		25	30	35	40	45	50	55	60	65	75	80	90	100	110	120	Width		25	30	35	40	45	50	55	60	65	75	80	90	100	110	120				
Rate																	Rate																				
20																	20																				
30																24	30																24	26			
40																26	30															27	29	32	35		
50																27	29															30	33	37	40		
60																29	33															33	37	40	44		
70																33	37															37	40	44	48		
80																35	39																39	44	48	53	
90																37	41																41	46	51	56	61
100																39	43																43	49	53	58	64
110																41	45																45	51	56	61	67
120																43	47																47	53	59	66	72
130																45	49																49	55	61	68	75
140																47	51																51	57	64	71	78
150																49	53																53	59	66	73	80
160																51	55																55	61	68	75	82
170																53	57																57	63	70	77	84
180																55	59																59	65	72	79	86
190																57	61																61	67	74	81	88
200																59	63																63	69	76	83	90
210																61	65																65	71	78	85	92
220																63	67																67	73	80	87	94
230																65	69																69	75	82	89	96
240																67	71																71	77	84	91	98
250																69	73																73	79	86	93	100
260																71	75																75	81	88	95	102
270																73	77																77	83	90	97	104
280																75	79																79	85	92	99	106
290																77	81																81	87	94	101	108
300																79	83																83	89	96	103	110
320																83	87																87	93	100	107	114
340																87	91																91	97	104	111	118
360																91	95																95	101	108	115	122
380																95	99																99	105	112	119	126
400																99	103																103	109	116	123	130
425																103	107																107	113	120	127	134
450																107	111																111	117	124	131	138
475																111	115																115	121	128	135	142
500																115	119																119	125	132	139	146
525																119	123																123	129	136	143	150
550																123	127																127	133	140	147	154
575																127	131																131	137	144	151	158
600																131	135																135	141	148	155	162







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Gear Box ..Medium		RATE CHART LB. PER ACRE.											Standard Drive Wheel			
Density Cu. Ft.		100											Figures in body of chart = mm of door opening			
Width	25	30	35	40	45	50	55	60	65	75	80	90	100	110	120	
Rate	^	^	^	^	^	^	^	^	^	^	^	^	^	^	^	
100											25	28	32	35	38	
110											26	31	35	38	42	
120											25	28	30	34	42	
130											27	31	33	37	41	
140											24	27	29	33	35	
150											26	28	31	36	38	
160											25	28	30	33	38	
170											24	27	30	32	35	
180											26	28	31	34	37	
190											24	27	30	33	36	
200											25	28	32	35	38	
210											27	30	33	37	40	
220											28	31	35	38	42	
230											24	27	29	33	35	
240											25	28	33	36	40	
250											27	30	34	38	42	
260											28	32	36	40	44	
270											25	28	30	33	38	
280											26	28	31	34	37	
290											24	27	30	32	35	
300											26	28	30	33	36	
320											27	30	33	37	40	
340											28	31	35	38	42	
360											24	27	29	33	35	
380											25	28	30	33	38	
400											26	28	31	34	37	
425											24	27	29	32	35	
450											25	28	30	33	36	
475											26	28	31	34	37	
500											24	27	29	32	35	
525											25	28	30	33	36	
550											26	28	31	34	37	
575											24	27	29	32	35	
600											25	28	30	33	36	
650											26	28	31	34	37	
700											24	27	29	32	35	
750											25	28	30	33	36	
800											26	28	31	34	37	
850											24	27	29	32	35	
900											25	28	30	33	36	
950											26	28	31	34	37	
1000											24	27	29	32	35	

Gear Box ..Medium		RATE CHART LB. PER ACRE.											Standard Drive Wheel			
Density Cu. Ft.		110											Figures in body of chart = mm of door opening			
Width	25	30	35	40	45	50	55	60	65	75	80	90	100	110	120	
Rate	^	^	^	^	^	^	^	^	^	^	^	^	^	^	^	
100															26	
110															25	
120															28	
130															26	
140															24	
150															26	
160															28	
170															25	
180															24	
190															26	
200															27	
210															28	
220															25	
230															26	
240															28	
250															25	
260															26	
270															27	
280															28	
290															25	
300															26	
320															28	
340															29	
360															24	
380															27	
400															29	
425															31	
450															32	
475															33	
500															30	
525															32	
550															33	
575															31	
600															32	
650															33	
700															30	
750															32	
800															33	
850															31	
900															32	
950															33	
1000															30	









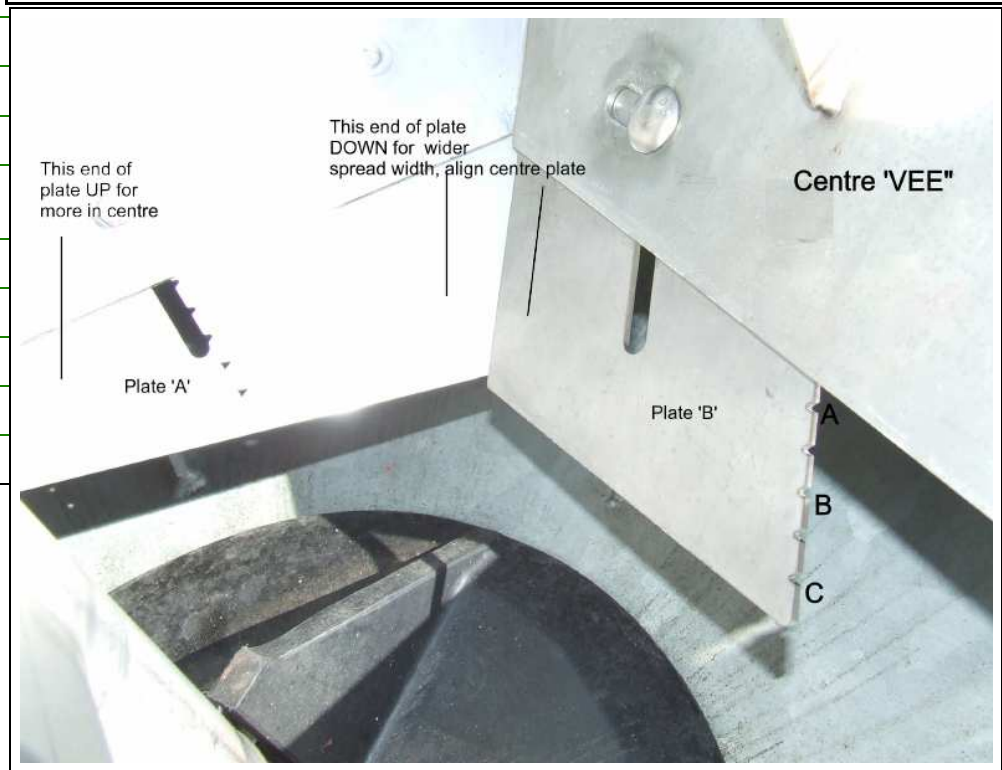
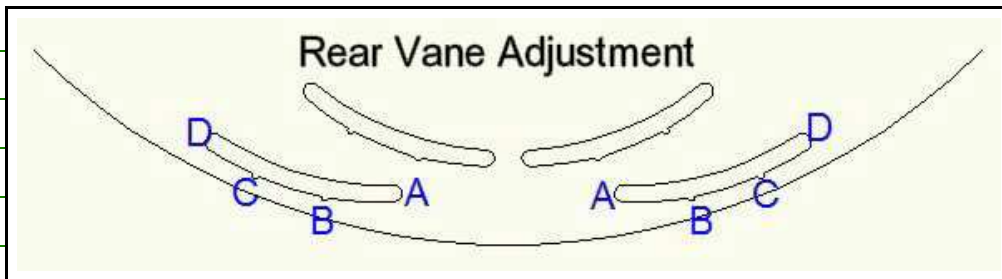


## Settings approximate only, all units should be pan tested to ensure accuracy

Recommended starting settings ( Operator responsible for final settings )

Settings are spinner speed followed by vane angle, and centre 'VEE' extension... ie. 770,A,B = spinner speed 770 and vane angle 'A' 'VEE' extension 'B'  
 'V' = Rear Vanes folded up, 'N' = Centre 'VEE' removed, often required with damp lime.

Material	12m	18m	24m	30m	36m	SGN
Super phosphate	800,V,C	950,V,B	1050,A,B			
Lime	750,V	900,V,N				
Gypsum	850,B					
DAP	800,B,C	850,B,B	950,C,B			
Nitraprill	900,A,C	950,C,B	1000,D,A			
Urea	850,A,C	900,A,B	950,B,B			
Sulphate of ammonia	950,C,B	N/A	N/A			



**Operator Notes**