

Appendix A. JRCO Electric Broadcast Spreader Settings for Seeds

Material	Mower speed (mph)	Gate Settings: Full Fan Speed, Full Width				Gate Settings: Speed Controlled Width				Calibration
		1 lb per 1000 sq. ft.	2 lb per 1000 sq. ft.	Spread Width (ft)	Centering position	1 lb per 1000 sq. ft.	2 lb per 1000 sq. ft.	Spread Width (ft)	Centering position	Material Flow at Specified Gate Setting
Lawn Seed Mixture (51% blue grass, 35% creeping fescue, 10% chewings fescue and 4% inert matter)	2	4	7	10	I-J	Not Recommended				1 3/4 lb at 4
	3	5 1/2	8 1/2	10	I-J					
	4	7	10	10	I-J					
Quick Clover Mixture (72% rye, 11% blue grass, 11% creeping fescue and 6% inert matter)	2	6	12	14	I-J	3+	6	7	J	2 1/2 lb at 6
	3	9	n/a	14	I-J	4 1/2	9	7	J	
	4	12	n/a	14	I-J	6	12	7	J	
Rye grass	2	6	12	14	H	3	6	7	J	2 1/2 lb at 7
	3	9	n/a	14	H	4 1/2	9	7	J	
	4	12	n/a	14	H	6	12	7	J	
Kentucky Blue Grass	2	2 1/2	4	8	I-J	Not Recommended				1 1/2 lb at 2 1/2
	3	3 1/4	5 1/2	8	I-J					
	4	4	7	8	I-J					
Red fescue	2	7	13	14	G-H	3 1/2	7	7	J	2 1/2 lb at 7
	3	10	n/a	14	G-H	5	10	7	J	
	4	13	n/a	14	G-H	7	13	7	J	
Red Top	2	2	3 3/4	10	I-J	1	2	5	J	1 3/8 lb at 2
	3	3	5 1/2	10	I-J	1 1/2	3	5	J	
	4	3 3/4	7	10	I-J	2	3 3/4	5	J	
Highland Bent	2	3	5	10	I-J	1 1/2	3	5	J	1 1/2 lb at 3
	3	4	7 1/2	10	I-J	2+	4	5	J	
	4	5	10	10	I-J	3	5	5	J	
White Dutch Clover	2	1	2	28	B-C	n/a	1	14	I	2 1/4 lb at 1
	3	1 1/2	3	28	B-C	n/a	1 1/2	14	I	
	4	2	4	28	B-C	1	2	14	I	

n/a = Not applicable

Note: Use blocking plate to reduce the amount of seed spread by one half.

Appendix B. JRCO Broadcast Spreader settings for Commercial, Pelletized Fertilizers

MOWER SPEED	GATE SETTING					SPREAD WIDTH	CENTERING POSITION
	Pounds per 1000 sq. ft.					(SPEED CONTROL SETTING)	
	2.5 lb	3 lb	4 lb	5 lb	6 lb		
2 mph	6 1/2	7	8 1/2	9	9 1/2	25ft	C
3	8	9	9 1/2	10	11	25	C
4	9	9 1/2	10 1/2	13	NA	25	C
5	9 1/2	10	13	NA	NA	25	C
2	6	6 1/2	7	8 1/2	9	18ft	D-E
3	7	7 1/2	8 1/2	9 1/2	10	18	D-E
4	8	8 1/2	9 1/2	10	11	18	D-E
5	8.5	9 1/2	10	12	NA	18	D-E
6	9 1/2	10	11	NA	NA	18	D-E
2	5	5 1/2	6	6 1/2	7	12FT	F-G
3	5 1/2	6	7	8	8 1/2	12	F-G
4	6 1/2	7	8	9	9 1/2	12	F-G
5	7	8	9	9 1/2	10	12	F-G
6	8	8 1/2	9 1/2	10	11	12	F-G

Speeds greater than those listed on the above chart are **NOT** recommended. Spreading at faster than recommended speeds may cause uneven application.

To determine mower speed, set two markers 88 feet apart and record time it takes to go from one to the other. See table below to determine speed.

Distance	Time	Speed
88 ft.	30 seconds	2 MPH
88 ft.	20 seconds	3 MPH
88 ft.	15 seconds	4 MPH
88 ft.	10 seconds	6 MPH
88 ft.	7.5 seconds	8 MPH

Appendix C. JRCO Electric Broadcast Spreader Settings for Fire Ant Bait

Material	Application Rate	Mower Speed	Gate Setting	Spread Width	Blocking Plate
Amdro® bait	1 to 1 1/2 lb per acre	8 to 10 mph	1/8 in.	20 ft.	No
Award® bait					Yes
Logic® bait					Yes