



Spreader calibration chart

Apply the proper rate of fertilizer for your specific plant needs and field conditions



Target BMP with Nutrite



Right Rate

At Nutrite, we work with you to produce the highest quality turf and playing surfaces. Our detailed technical sheets, spreader calibration charts and personalized agronomic support allow us to recommend the proper rate and application method for each of our products.

Following this philosophy, we also provide calibration starting points for each of the granular fertilizers we produce because products are only as effective as the application. Follow these few, simple steps to ensure that the amounts of nutrients applied to your turf match the calculated rates.

1. Calibrate each time a product is applied. Variations in spreaders and environmental conditions can affect the applied rate.
2. Assign a walking spreader to each applicator to calibrate to their individual pace. Effective width and applied rate can vary greatly with walking speed. Walking spreader operators should calibrate at a pace that can be maintained throughout the entire application to reduce variability.
3. Clean and lubricate all application equipment following the manufacturer's specifications. Fertilizer residue build-up on spreader parts such as hopper gates and impellers will affect the pattern and rate of an application.
4. Ensure that all spreader parts are in good condition before every application. This includes, but is not limited to, tire pressure, control levers and pivot pins.

With all of the factors on the turf that affect the spread pattern and rate such as obstacles, wind, and terrain, it is important that application equipment be properly calibrated before application.

Calibration Settings

GRANULAR

Products	lb/1,000 ft ²		Scotts R-8A		Scotts AP2000		PrzLwn BF I / CBR III		Lesco / numeric		Lesco / Letter		Earthway 2200/2400		Spyker / Cyclone		Lely 4.5 mph, 40 ft		Vicon 4.5 mph, 40 ft	
	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High
32-0-8	3.1	3.9	I	J	H.5	I.5	I	I.5	11	12	D.5	E	11	12	4	4.25	4.75	5.25	19	21
30-0-6	3.3	4.2	I	J	H.5	I.5	I	J	11	12	D.5	D.5	11	12	4	4.25	5	5.5	19	22
28-0-10	3.6	4.5	I	J	H.5	I.5	I	J	11	12	D.5	E	11	12	4	4.25	4.75	5.5	18	22
25-5-10	4	5	I	J	H.5	I.5	G	J	11	12	D.5	D.5	11	12	4	4.25	5.25	5.75	21	24
25-0-5 XCU	4	5	I	J	H.5	I.5	G	J	11	12	D.5	D.5	11	12	4	4.25	5.25	5.75	21	24
25-0-5 UFLEX	4	5	I	J	H.5	I.5	I.5	J	11	12	D.5	D.5	11	12	4	4.25	5.5	5.75	22	24
24-0-6	4.2	5.2	I	J	H.5	I.5	I.5	J	11	12	D.5	D.5	11	12	4	4.25	5.5	5.75	22	24
24-0-5	4.2	5.2	I	J	H.5	I.5	I.5	J	11	12	D.5	D.5	11	12	4	4.25	5.5	5.75	22	24
21-0-21	3.6	4.8	I	J	H.5	I.5	I.5	J	11	12	D.5	D.5	11	12	4	4.25	5	5.75	20	23
20-0-5	3.8	5	I	J	H.5	I.5	G	J	10	11	D	D.5	11	12	4	4.25	5.25	6.25	21	26
19-0-19	3.9	5.3	I	J	H.5	I.5	G	J	10	11	D	D.5	11	12	4	4.25	5.25	6	21	24
18-0-6	3.3	5	J	K	I.5	J.5	I.5	J	13	14	E	F	12	13	4.25	4.75	5	5.75	19	24
16-26-10	3.9	4.8	J	J	I	I.5	I.5	J	11	12	D.5	D.5	12	13	4	4.25	5.25	5.75	21	23
12-24-10	4.2	5.2	I	J	H.5	I.5	I.5	J	11	12	D.5	D.5	11	12	4	4.25	5.5	5.75	22	24

O'NATURAL

21-0-9	3.6	4.8	L	N	K.5	M.5	J	L	17	18	G	H	14	16	5	5.75	5	5.75	20	23
20-0-5	3.8	5	J	K	I.5	J.5	I.5	J	12	13	E	E	12	13	4.25	4.75	5.25	5.75	21	24
14-2-6	3.6	7.1	J	L	I.5	K.5	I.5	L	12	13	E	E	12	14	4.25	5	5	6.5	20	28
10-2-10 Reg	5	10	M	O	L.5	N.5	L	N	18	26	H	H	15	17	5.25	6	5.75	7	24	28
10-2-10 Micro	5	10	I	L	H.5	K.5	I	M	11	13	D.5	C.5	11	14	4	5	-	-	-	-
10-2-2	5	10	O	R	N.5	Q.5	N	P	18	26	H	L	17	20	6	7	7	8	26	28
10-0-5	5	7.5	J	J	I.5	I.5	J	K	11	12	D.5	E	12	12	4.25	4.75	5.75	6.75	24	28
10-0-0	20		O		N.5		N		18		H		17		6		7		28	
5-4-3 Reg	10	15	O	R	N.5	Q.5	N	P	18	26	H	L	17	20	6	7	7	8	26	28
5-4-3 Mini	10	15	N	O	M.5	N.5	K	N	11	16	D.5	G	16	17	5.75	6	5	7	23	28
5-2-0	10	15	N	O	M.5	N.5	L	N	11	16	D.5	G	16	17	5.75	6	5.5	7	26	28

COMBINATION

Products	lb/1,000 ft ²	Scotts R-8A	Scotts AP2000	PrzLwn BF I / CBR III	Lesco / Numeric	Lesco / Letter	Earthway 2200/2400	Spyker/Cyclone	Lely	Vicon
Preemergent Product										
22-0-5 0.13% Dithiopyr	4.4	I	H.5	I	10	D	11	4	5.5	22
19-0-5 0.1% Dithiopyr	4.4	I	H.5	I.5	11	D.5	11	4	5.5	22
18-0-4 0.172%Dithiopyr	3.3	I	H.5	H	10	D	11	4	5	19
5-5-20 0.13% Dithiopyr	4.4	I	H.5	I.5	11	D.5	11	4	5.5	22
Dithiopyr 0.13% Granular	4.4	J	I.5	I.5	11	D.5	12	4.25	5.5	22
Postemergent Product										
22-0-8 Trimec	3.6	I	H.5	I.5	11	D.5	11	4	5	20
Insect Control										
18-0-5 Bifenthrin	3.3	I	H.5	I	10	D	11	4	5	19
0-0-7 Bifenthrin (Mini)	3.3	H	G.5	H	10	D	10	3.75	5	26
24-0-4 Mallet	3.5	I	H.5	I	11	D.5	11	4	5	20
0-0-5 Mallet (Mini)	3.5	H	G.5	H	10	D	10	3.75	5	26

Note: All of calibration starting points given above are for wheel-to-wheel coverage (100% overlap). The spreader settings should only be used for calibration starting points as age, wear and speed of spreader will impact actual applied rate.