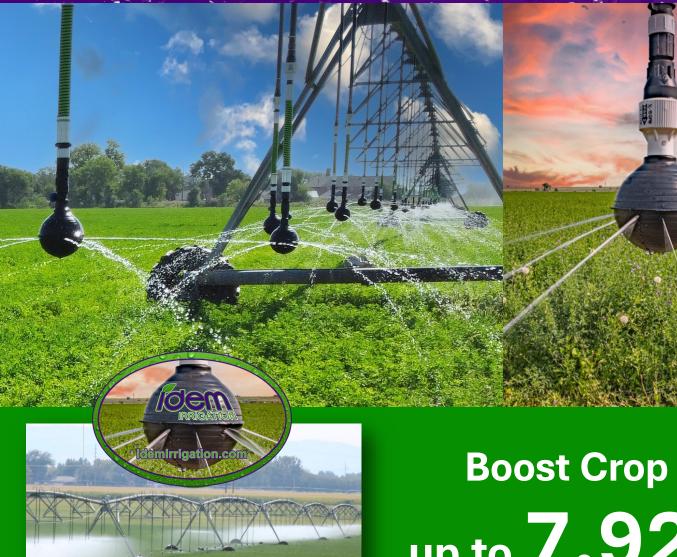
IDEM Irrigation Omni-Directional Precision Spray Head Technology. www.IDEMIrrigation.com





Boost Crop Yields up to 7.92%*

A revolution in spray head technology. (Patent Pending)

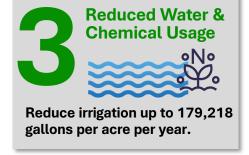
*Results from University of Nebraska Research & Extension Center using Simplot Monitoring Sensors (Corn & Alfalfa) 8/2022.

Additional benefits include:*

Increase Efficiency & Yields







*Many states offer incentives that include cost share, grants, rebates, tax credits, or low-interest loan programs designed specifically for water conservation and sustainable agriculture. Check with your local Natural Resource District.



IDEM Irrigation "The Ball" Flow-Rate & Nozzle Size Chart





Sprinkler throw radius with standard trajectory ball measured with no wind, sprinkler at 6' height:

10 psi: 10-15 ft radius

15 psi: 14-20 ft radius

Maximum sprinkler spacing 10 ft.

Low trajectory and



	Ball with Nozzle	10 psi IDEM I Nozzle Size	Ball with Nozzle Flowrate gpm		Ball with Nozzle		Ball with Nozz Flowrate gpr
Nozzle Size Flowrate gpm Low Flow 5 Hole Ball		Low Flow 5 Hole Ball		Nozzle Size Flowrate gpm Low Flow 5 Hole Ball			w 5 Hole Ball
	0.63		0.82		1.08		1.28
1		1		1		1	
2	0.76	2	1.07	2	1.17	2	1.63
3	0.65	3	0.88	3	1.17	3	1.55
4	0.76	4	1.15	4	1.43	4	1.63
5	0.86	5	1.25	5	1.47	5	1.76
6	0.96	6	1.40	6	1.55	6	1.86
7	1.05	7	1.48	7	1.68	7	2.03
8	1.16	8	1.62				
9	1.21		2.02				
_	ow 7 Hole Ball	Low Flow	v 7 Hole Ball	Low Flor	w 7 Hole Ball	Low Flo	w 7 Hole Ball
9	1.37	8	1.77	7	1.82	7	2.21
10	1.43	9	1.87	8	1.93	8	2.35
11	1.45	10	1.93	9	2.21	9	2.49
12	1.50	11	2.00	10	2.25	10	2.55
13	1.67	12	2.18	11	2.33	11	2.72
14	1.73	13	2.25	12	2.53		
14	1.73	14	2.46	12	2.55		
1 Fl	44 Uala Dall			Laurellau		Laurelau	4 4 U - I - D - II
	w 14 Hole Ball		14 Hole Ball		v 14 Hole Ball		v 14 Hole Ball
13	2.09	13	2.65	11	2.69	10	2.90
14	2.15	14	2.80	12	3.13	11	3.26
15	2.26	15	2.94	13	3.34	12	3.55
16	2.31	16	3.20	14	3.44	13	3.83
17	2.37	17	3.58	15	3.73	14	4.03
18	2.52	18		16		15	4.20
			3.67		3.97		
19	2.90	19	3.87	17	4.23	16	4.45
		20	3.93	18	4.30	17	4.65
				19	4.61		
Low Flo	w 20 Hole Ball	Low Flow	20 Hole Ball	Low Flov	v 20 Hole Ball	Low Flov	v 20 Hole Ball
19	3.01	19	4,22	18	4.92	16	5.08
20	3.29	20	4.52	19	5.17	17	5.29
21	3.96	21	5.21	20	5.31	18	5.54
22	4.10	22	5.47	21	6.21	19	5.71
23	4.23	23	5.56	22	6.41	20	6.15
		24	5.65	23	6.62	21	6.85
						22	7.17
						23	7.43
High Flo	w 14 Hole Ball	High Flow	14 Hole Ball	High Floy	w 14 Hole Ball		w 14 Hole Ball
23	4.63	23	6.05	22	7.00	22	7.72
24	4.80	24	6.19	23	7.32	23	8.30
25	5.24	25	6.66	24	7.44	24	8.56
26	5.45	26	6.82	25	7.92	25	8.81
27	5.64	27	7.23	26	8.03	26	9.19
28	5.74	28	7.31	27	8.55	27	9.52
29	5.94	29	7.57	28	8.74	28	9.74
		23	7.37	29			10.10
30	6.39				9.06	29	
11! 1 =1	20 H - I - P - H	111 1 21	- 20 II-l- D II	30	9.39	30	10.29
	w 20 Hole Ball		20 Hole Ball		w 20 Hole Ball		w 20 Hole Ball
29	6.72	28	7.92	29	9.80	29	10.95
30	6.93	29	8.36	30	10.25	30	11.30
31	7.26	30	8.84	31	10.50	31	11.54
32	7.70	31	9.19	32	10.74	32	11.97
33	7.97	32	9.26	33	11.25	33	12.26
34	8.12	33	9.66	34	11.55	34	12.39
35	8.41	34	9.87			35	12.64
						36	12.84
High Flo	w 24 Hole Ball	High Flow	/ 24 Hole Ball	High Flor	w 24 Hole Ball	High Flor	w 24 Hole Ball
34	9.18	32	10.23	32	11.98	34	13.47
35	9.51	33	10.80	33	12.73	35	13.78
36	9.67	34	11.02	34		36	14.07
					13.05		
37	9.99	35	11.56	35	13.36	37	14.23
	10.36	36	11.79	36	13.81	38	14.40
38		27	12.02	37	14.08	39	14.56
	10.63	37	12.02	3/	21100		
38 39							
38	10.63 11.12	38	12.20	38	14.21	40	14.93
38 39							