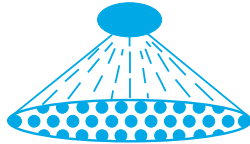


1 SYSTEMIC NOZZLES

OPEN BOOM

Systemic nozzles provide excellent spray distribution through a wide angle, flat spray pattern. It's larger droplets results in less drift.

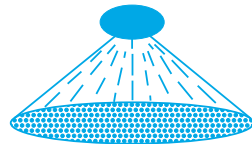


	EXCELLENT	VERY GOOD	GOOD
Herbicides			
Soil Incorporated	•		
Pre-Emergence	•		
Post-Emergence		•	
Fungicides		•	
Insecticides		•	
Liquid Fertilizer	•		
Drift	•		

CONTACT NOZZLES

ANY BOOM

Contact nozzles provide a varying spray distribution depending on pressure. It's variability allows for better coverage at higher pressures and less drift at lower pressures.



	EXCELLENT	VERY GOOD	GOOD
Herbicides			
Soil Incorporated			
Pre-Emergence			
Post-Emergence	• contact/high-pressure		• systemic/low-pressure
Fungicides	• contact/high-pressure		• systemic/low-pressure
Insecticides	• contact/high-pressure		• systemic/low-pressure
Liquid Fertilizer		• systemic/low-pressure	• contact/high-pressure
Drift			• contact/high-pressure

3 NOZZLE FILTERS

Description	80 mesh	50 mesh	30 mesh
Part Number	100-6992	100-8642	100-6991

2

Nozzle Selection Guide

SYSTEMIC NOZZLES - GALLONS PER 1000 SQ FT (20 INCH NOZZLE SPACING)

Toro Part Number	Nozzle Description & Color Code	Pressure (PSI)	Capacity 1 Nozzle (GPM)	First Gear		Second Gear Speed (MPH)				Third Gear		
				2.5	3	3.5	4	4.5	5	5.5	6	
95-9221	1/2 Thread .2 GPM, Yellow	25	0.16	0.44	0.36	0.31	0.24	0.22	0.20	0.18		
		30	0.17	0.46	0.39	0.33	0.29	0.26	0.23	0.21	0.19	
		40	0.20	0.54	0.45	0.39	0.34	0.30	0.27	0.25	0.23	
		50	0.22	0.60	0.50	0.43	0.37	0.33	0.30	0.27	0.25	
		60	0.24	0.65	0.54	0.47	0.41	0.36	0.33	0.30	0.27	
95-9222	1/4 Thread .4 GPM, Red	25	0.32	0.87	0.73	0.62	0.54	0.48	0.44	0.40	0.36	
		30	0.35	0.95	0.79	0.68	0.60	0.53	0.48	0.43	0.40	
		40	0.40	1.09	0.91	0.78	0.68	0.60	0.54	0.49	0.45	
		50	0.45	1.22	1.02	0.87	0.77	0.68	0.61	0.56	0.51	
		60	0.49	1.33	1.11	0.95	0.83	0.74	0.67	0.61	0.56	
95-9223	1/4 Thread .5 GPM, Brown	25	0.40	1.09	0.91	0.78	0.68	0.60	0.54	0.49	0.45	
		30	0.43	1.17	0.97	0.84	0.73	0.65	0.58	0.53	0.49	
		40	0.50	1.36	1.13	0.97	0.85	0.76	0.68	0.62	0.57	
		50	0.56	1.52	1.27	1.09	0.95	0.85	0.76	0.69	0.63	
		60	0.61	1.66	1.38	1.19	1.04	0.92	0.83	0.75	0.69	
95-9224	1/4 Thread .6 GPM, Gray	25	0.47	1.28	1.07	0.91	0.80	0.71	0.64	0.58	0.53	
		30	0.52	1.41	1.18	1.01	0.88	0.79	0.71	0.64	0.59	
		40	0.60	1.63	1.36	1.17	1.02	0.91	0.82	0.74	0.68	
		50	0.67	1.82	1.52	1.30	1.14	1.01	0.91	0.83	0.76	
		60	0.73	1.99	1.65	1.42	1.24	1.10	0.99	0.90	0.83	
95-9225	1/4 Thread .8 GPM, White	25	0.63	1.71	1.43	1.22	1.07	0.95	0.86	0.78	0.71	
		30	0.69	1.88	1.56	1.34	1.17	1.04	0.94	0.85	0.78	
		40	0.80	2.18	1.81	1.55	1.36	1.21	1.09	0.99	0.91	
		50	0.89	2.42	2.02	1.73	1.51	1.34	1.21	1.10	1.01	
		60	0.98	2.67	2.22	1.90	1.67	1.48	1.33	1.21	1.11	
95-9188	1/4 Thread 1.0 GPM, Light Blue	25	0.79	2.15	1.79	1.53	1.34	1.19	1.07	0.98	0.90	
		30	0.87	2.37	1.97	1.69	1.48	1.31	1.18	1.08	0.99	
		40	1.00	2.72	2.27	1.94	1.70	1.51	1.36	1.24	1.13	
		50	1.12	3.05	2.54	2.18	1.90	1.69	1.52	1.38	1.27	
		60	1.22	3.32	2.77	2.37	2.07	1.84	1.66	1.51	1.38	
95-9226	1/4 Thread 1.5 GPM, Light Green	25	1.19	3.24	2.70	2.31	2.02	1.80	1.62	1.47	1.35	
		30	1.30	3.54	2.95	2.53	2.21	1.96	1.77	1.61	1.47	
		40	1.50	4.08	3.40	2.91	2.55	2.27	2.04	1.85	1.70	
		50	1.68	4.57	3.81	3.26	2.86	2.54	2.28	2.08	1.90	
		60	1.84	5.00	4.17	3.57	3.13	2.78	2.50	2.27	2.09	

CONTACT NOZZLES - GALLONS PER 1000 SQ FT (20 INCH NOZZLE SPACING)

Toro Part Number	Nozzle Description & Color Code	Pressure (PSI)	Capacity 1 Nozzle (GPM)	First Gear		Second Gear Speed (MPH)				Third Gear	
				2.5	3	3.5	4	4.5	5	5.5	6
94-8714	Extended Range, 110 degrees, .4 GPM, Red	20	0.28	0.76	0.63	0.54	0.48	0.42	0.38	0.35	0.32
		30	0.35	0.95	0.79	0.68	0.60	0.53	0.48	0.43	0.40
		40	0.40	1.09	0.91	0.78	0.68	0.60	0.54	0.49	0.45
		50	0.45	1.22	1.02	0.87	0.77	0.68	0.61	0.56	0.51
		60	0.49	1.33	1.11	0.95	0.83	0.74	0.67	0.61	0.56
94-8715	Extended Range, 110 degrees, .5 GPM, Brown	20	0.35	0.95	0.79	0.68	0.60	0.53	0.48	0.43	0.40
		30	0.43	1.17	0.97	0.84	0.73	0.65	0.58	0.53	0.49
		40	0.50	1.36	1.13	0.97	0.85	0.76	0.68	0.62	0.57
		50	0.56	1.52	1.27	1.09	0.95	0.85	0.76	0.69	0.63
		60	0.61	1.66	1.38	1.19	1.04	0.92	0.83	0.75	0.69
94-8716	Extended Range, 110 degrees, .6 GPM, Gray	20	0.42	1.14	0.95	0.82	0.71	0.63	0.57	0.52	0.48
		30	0.52	1.41	1.18	1.01	0.88	0.79	0.71	0.64	0.59
		40	0.60	1.63	1.36	1.17	1.02	0.91	0.82	0.74	0.68
		50	0.67	1.82	1.52	1.30	1.14	1.01	0.91	0.83	0.76
		60	0.73	1.99	1.65	1.42	1.24	1.10	0.99	0.90	0.83
94-8717	Extended Range, 110 degrees, .8 GPM, White	20	0.57	1.55	1.29	1.11	0.97	0.86	0.78	0.70	0.65
		30	0.69	1.88	1.56	1.34	1.17	1.04	0.94	0.85	0.78
		40	0.80	2.18	1.81	1.55	1.36	1.21	1.09	0.99	0.91
		50	0.89	2.42	2.02	1.73	1.51	1.34	1.21	1.10	1.01
		60	0.98	2.67	2.22	1.90	1.67	1.48	1.33	1.21	1.11
94-8718	Extended Range, 110 degrees, 1.0 GPM, Stainless	20	0.71	1.93	1.61	1.38	1.21	1.07	0.97	0.88	0.80
		30	0.87	2.37	1.97	1.69	1.48	1.31	1.18	1.08	0.99
		40	1.00	2.72	2.27	1.94	1.70	1.51	1.36	1.24	1.13
		50	1.12	3.05	2.54	2.18	1.90	1.69	1.52	1.38	1.27
		60	1.22	3.32	2.77	2.37	2.07	1.84	1.66	1.51	1.38
94-8719	Extended Range, 110 degrees, 1.5 GPM, Stainless	20	1.06	2.88	2.40	2.06	1.80	1.60	1.44	1.31	1.20
		30	1.30	3.54	2.95	2.53	2.21	1.96	1.77	1.61	1.47
		40	1.50	4.08	3.40	2.91	2.55	2.27	2.04	1.85	1.70
		50	1.68	4.57	3.81	3.26	2.86	2.54	2.28	2.08	1.90
		60	1.84	5.00	4.17	3.57	3.13	2.78	2.50	2.27	2.09

NOTE: Lower pressures produce larger droplets and will help reduce mist under the covered boom.

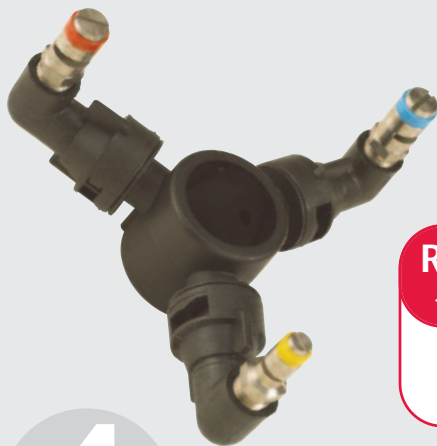
4 SIMPLE STEPS to complete YOUR SPRAYER

1 CHOOSE SYSTEMIC OR CONTACT NOZZLES

2 FIND THE NOZZLE THAT FITS YOUR APPLICATION
 • herbicides • fungicides • insecticides
 • liquid fertilizer • drift

3 SELECT THE FILTER THAT FITS THE NOZZLE
 • 80 mesh • 50 mesh • 30 mesh

4 ORDER THE CORRECT CAP AND GASKET FOR YOUR NOZZLE



REMEMBER
 TO FILL ALL THREE NOZZLES
 on your turret to complete a variety of applications.

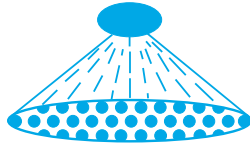
	CAP	GASKET
Systemic Nozzles	95-9186	40998
Contact Nozzles	94-8720	40998

4

1 SYSTEMIC NOZZLES

OPEN BOOM

Systemic nozzles provide excellent spray distribution through a wide angle, flat spray pattern. It's larger droplets results in less drift.

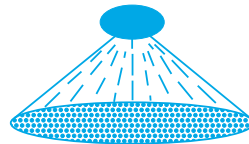


	EXCELLENT	VERY GOOD	GOOD
Herbicides			
Soil Incorporated	•		
Pre-Emergence	•		
Post-Emergence		•	
Fungicides		•	
Insecticides		•	
Liquid Fertilizer	•		
Drift	•		

CONTACT NOZZLES

ANY BOOM

Contact nozzles provide a varying spray distribution depending on pressure. It's variability allows for better coverage at higher pressures and less drift at lower pressures.



	EXCELLENT	VERY GOOD	GOOD
Herbicides			
Soil Incorporated			
Pre-Emergence			
Post-Emergence	• contact/high-pressure		• systemic/low-pressure
Fungicides	• contact/high-pressure		• systemic/low-pressure
Insecticides	• contact/high-pressure		• systemic/low-pressure
Liquid Fertilizer		• systemic/low-pressure	• contact/high-pressure
Drift			• contact/high-pressure

3 NOZZLE FILTERS

Description	80 mesh	50 mesh	30 mesh
Part Number	100-6992	100-8642	100-6991

2

Nozzle Selection Guide

SYSTEMIC NOZZLES - GALLONS PER ACRE (20 INCH NOZZLE SPACING)

Toro Part Number	Nozzle Description & Color Code	Pressure (PSI)	Capacity 1 Nozzle (GPM)	First Gear		Second Gear Speed (MPH)					Third Gear	
				2.5	3	3.5	4	4.5	5	5.5	6	
				95-9221	1/2 Thread .2 GPM, Yellow	25 30 40 50 60 75	0.16 0.17 0.20 0.22 0.24 0.27	19.0 20.2 23.8 26.1 28.5 32.1	15.8 16.8 19.8 21.8 23.8 26.7	13.6 14.4 17.0 18.7 20.4 22.9	11.9 12.6 14.9 16.3 17.8 20.0	10.6 11.2 13.2 14.5 15.8 17.8
95-9222	1/4 Thread .4 GPM, Red	25 30 40 50 60 75	0.32 0.35 0.40 0.45 0.49 0.55	38.0 41.6 47.5 53.5 58.2 65.3	31.7 34.7 39.6 44.6 48.5 54.5	27.2 29.7 33.9 38.2 41.6 46.7	23.8 26.0 29.7 33.4 36.4 40.8	21.1 23.1 26.4 29.7 32.3 36.3	19.0 20.8 23.8 26.7 29.1 32.7	17.3 18.9 21.6 24.3 26.5 29.7	15.8 17.3 19.8 22.3 24.3 27.2	
95-9223	1/4 Thread .5 GPM, Brown	25 30 40 50 60 75	0.40 0.43 0.50 0.56 0.61 0.68	47.5 51.1 59.4 66.5 72.5 80.8	39.6 42.6 49.5 55.4 60.4 67.3	33.9 36.5 42.4 47.5 51.8 57.7	29.7 31.9 37.1 41.6 45.3 50.5	26.4 28.4 33.0 37.0 40.3 44.9	23.8 25.5 29.7 33.3 36.2 40.4	21.6 23.2 27.0 30.2 32.9 36.7	19.8 21.3 24.8 27.7 30.2 33.7	
95-9224	1/4 Thread .6 GPM, Gray	25 30 40 50 60 75	0.47 0.52 0.60 0.67 0.73 0.82	55.8 61.8 71.3 79.6 86.7 97.4	46.5 51.5 59.4 66.3 72.3 81.2	39.9 44.1 50.9 56.9 61.9 69.6	34.9 38.6 44.6 49.7 54.2 60.9	31.0 34.3 39.6 44.2 48.2 54.1	27.9 30.9 35.6 39.8 43.4 48.7	25.4 28.1 32.4 36.2 39.4 44.3	23.3 25.7 29.7 33.2 36.1 40.6	
95-9225	1/4 Thread .8 GPM, White	25 30 40 50 60 75	0.63 0.69 0.80 0.89 0.98 1.10	74.8 82.0 95.0 105.7 116.4 130.7	62.4 68.3 79.2 88.1 97.0 108.9	53.5 58.6 67.9 75.5 83.2 93.3	46.8 51.2 59.4 66.1 72.8 81.7	41.6 45.5 52.8 58.7 64.7 72.6	37.4 41.0 47.5 52.9 58.2 65.3	34.0 37.3 43.2 48.1 52.9 59.4	31.2 34.2 39.6 44.1 48.5 54.5	
95-9188	1/4 Thread 1.0 GPM, Light Blue	25 30 40 50 60 75	0.79 0.87 1.00 1.12 1.22 1.37	93.9 103.4 118.8 133.1 144.9 162.8	78.2 86.1 99.0 110.9 120.8 135.6	67.0 73.8 84.9 95.0 103.5 116.3	58.7 64.6 74.3 83.2 90.6 101.7	52.1 57.4 66.0 73.9 80.5 90.4	46.9 51.7 59.4 66.5 72.5 81.4	42.7 47.0 54.0 60.5 65.9 74.0	39.1 43.1 49.5 55.4 60.4 67.8	
95-9226	1/4 Thread 1.5 GPM, Light Green	25 30 40 50 60 75	1.19 1.30 1.50 1.68 1.84 2.05	141.4 154.4 178.2 199.6 218.6 243.5	117.8 128.7 148.5 166.3 182.2 203.0	101.0 110.3 127.3 142.6 156.1 174.0	88.4 96.5 111.4 124.7 136.6 152.2	78.5 85.8 99.0 110.9 121.4 135.3	70.7 77.2 89.1 99.8 109.3 121.8	64.3 70.2 81.0 90.7 99.4 110.7	58.9 64.4 74.3 83.2 91.1 101.5	

CONTACT NOZZLES - GALLONS PER ACRE (20 INCH NOZZLE SPACING)

Toro Part Number	Nozzle Description & Color Code	Pressure (PSI)	Capacity 1 Nozzle (GPM)	First Gear		Second Gear Speed (MPH)					Third Gear	
				2.5	3	3.5	4	4.5	5	5.5	6	
				94-8714	Extended Range, 110 degrees, .4 GPM, Red	20 30 40 50 60	0.28 0.35 0.40 0.45 0.49	33.3 41.6 47.5 53.5 58.2	27.7 34.7 39.6 44.6 48.5	23.8 29.7 33.9 38.2 41.6	20.8 26.0 29.7 33.4 36.4	18.5 23.1 26.4 29.7 32.3
94-8715	Extended Range, 110 degrees, .5 GPM, Brown	20 30 40 50 60	0.35 0.43 0.50 0.56 0.61	41.6 51.1 59.4 66.5 72.5	34.7 42.6 49.5 55.4 60.4	29.7 36.5 42.4 47.5 51.8	26.0 31.9 37.1 41.6 45.3	23.1 28.4 33.0 37.0 40.3	20.8 25.5 29.7 33.3 36.2	18.9 23.2 27.0 30.2 32.9	17.3 21.3 24.8 27.7 30.2	
94-8716	Extended Range, .6 GPM, Gray	20 30 40 50 60	0.42 0.52 0.60 0.67 0.73	49.9 61.8 71.3 79.6 86.7	41.6 51.5 59.4 66.3 72.3	35.6 44.1 50.9 56.9 61.9	31.2 38.6 44.6 49.7 54.2	27.7 34.3 39.6 44.2 48.2	24.9 30.9 35.6 39.8 43.4	22.7 28.1 32.4 36.2 39.4	20.8 25.7 29.7 33.2 36.1	
94-8717	Extended Range, 110 degrees, .8 GPM, White	20 30 40 50 60	0.57 0.69 0.80 0.89 0.98	67.7 82.0 95.0 105.7 116.4	56.4 68.3 79.2 88.1 97.0	48.4 58.6 67.9 75.5 83.2	42.3 51.2 59.4 66.1 72.8	37.6 45.5 52.8 58.7 64.7	33.9 41.0 47.5 52.9 58.2	30.8 37.3 43.2 48.1 52.9	28.2 34.2 39.6 44.1 48.5	
94-8718	Extended Range, 110 degrees, 1.0 GPM, Stainless	20 30 40 50 60	0.71 0.87 1.00 1.12 1.22	84.3 103.4 118.8 133.1 144.9	70.3 86.1 99.0 110.9 120.8	60.2 73.8 84.9 95.0 103.5	52.7 64.6 74.3 83.2 90.6	46.9 57.4 66.0 73.9 80.5	42.2 51.7 59.4 66.5 72.5	38.3 47.0 54.0 60.5 65.9	35.1 43.1 49.5 55.4 60.4	
94-8719	Extended Range, 110 degrees, 1.5 GPM, Stainless	20 30 40 50 60	1.06 1.30 1.50 1.68 1.84	125.9 154.4 178.2 199.6 218.6	104.9 128.7 148.5 166.3 182.2	89.9 110.3 127.3 142.6 156.1	78.7 96.5 111.4 124.7 136.6	70.0 85.8 99.0 110.9 121.4	63.0 77.2 89.1 99.8 109.3	57.2 70.2 81.0 90.7 99.4	52.5 64.4 74.3 83.2 91.1	

NOTE: Lower pressures produce larger droplets and will help reduce mist under the covered boom.

4 SIMPLE STEPS to complete YOUR SPRAYER

- 1 CHOOSE SYSTEMIC OR CONTACT NOZZLES
- 2 FIND THE NOZZLE THAT FITS YOUR APPLICATION
• herbicides • fungicides • insecticides
• liquid fertilizer • drift
- 3 SELECT THE FILTER THAT FITS THE NOZZLE
• 80 mesh • 50 mesh • 30 mesh
- 4 ORDER THE CORRECT CAP AND GASKET FOR YOUR NOZZLE



REMEMBER
TO FILL ALL THREE NOZZLES
on your turret to complete a variety of applications.

	CAP	GASKET
Systemic Nozzles	95-9186	40998
Contact Nozzles	94-8720	40998