

SPRINKLERS & MICRO SPRINKLERS



MICRO SPRINKLERS

IMPACT SPRINKLERS

**ASSEMBLIES
& ACCESSORIES**

MICRO SPRINKLERS

Rivulis offer a wide range of Micro Sprinklers that deliver performance season after season with great yields, consistent quality and crop production efficiencies.

Quick Reference Guide

	Description	Green Spin	Inverted Rondo	Inverted Rondo PC	AquaMaster 2005	AquaSmart 2002	Modular dynamic	Flipper
Field Crops	Overhead Irrigation		✓	✓	✓			✓
Orchards	Under Canopy Irrigation		✓	✓	✓	✓	✓	
	Under Canopy Frost Protection		✓		✓	✓		
	Overhead Frost Protection				✓	✓		✓
Protected crops	Irrigation and Fertigation	✓	✓	✓	✓			
	Cooling and Humidification	✓						
	Anti-Insect Protection				✓	✓	✓	
								

	Description	Tornado	Tornado take apart	SmartJet	SmartJet PC	Modular static
Orchards	Under Canopy Irrigation	✓	✓	✓	✓	✓
	Cooling and Humidification	✓				✓
	Anti-Insect Protection			✓	✓	
						

Rivulis S2000 Micro Sprinkler



The S2000 Micro Sprinklers are available subject to minimum orders quantities. These sprinklers are not held as a stock item in Australia. **Extended lead times will apply.** Please talk to Customer Service or your District Sales Manager for more details



Product advantages:

- Bridgeless no drip inverted micro sprinkler
- Superior wear resistance and exceptional uniformity performance
- Ideally suited for overhead irrigation in greenhouses



PRICE LIST

Green Spin - Inverted full circle, push fit base

Product Number	NDJ Product Number	Description	Swivel	Nozzle
101080179	285900	GreenSpin 43 lph push-fit housing	Grey	Brown
101080184	285909	GreenSpin 70 lph push-fit housing		Grey
101085593	285902	GreenSpin 105 lph push-fit housing		Green
101080182	285905	GreenSpin 120 lph push-fit housing		Orange
101080183	285808	GreenSpin 160 lph push-fit housing	Black	Black
101085592	285803	GreenSpin 200 lph push-fit housing		Blue



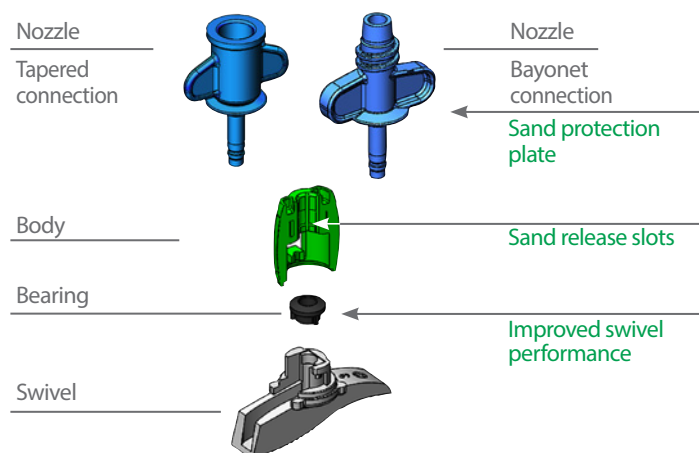
Anti-Mist | Used with Green Sprin & Modular Sprinklers

Product Number	NDJ Product Number	Description	Nozzle
101081435	850012	Anti-Mist 40 lph suit green Nozzle, push-fit housing	Green
101081437	850015	Anti-Mist 70 lph suit orange Nozzle, push-fit housing	Orange
101081438	850016	Anti-Mist 90 lph suit yellow Nozzle, push-fit housing	Yellow
101081436	850013	Anti-Mist 120 lph suit blue Nozzle, push-fit housing	Blue



TECHNICAL DATA

Product components



Performance Table | 2 bar Pressure

Swivel Colour	Nozzle Colour	Flow rate (l/h)	Wetted diameter (m)	Precipitation rate (mm/h) Spacing (m)								
				1.5x3	2x3	3x3	2x4	3x4	4x4	3x5	5x5	3x6
Grey	Brown	43	8.0	9.4	7	4.7						
	Grey	70	9.0	15.5	11.6	7.7	8.7	5.8	4.4			
	Green	105	9.0	23.4	17.5	11.7	13.2	8.8	6.6	7		
	Orange	120	9.5	26.4	19.8	13.2	14.8	9.9	7.4	7.9	4.7	
Black	Black	160	9.0	35.4	26.5	17.7	19.9	13.3	9.9	10.6	6.4	8.8
	Blue	200	9.5	44.3	33.3	22.2	24.9	16.6	12.5	13.3	8	11.1

Tested at laboratory conditions at 2.0m above ground. Maximum recommended operating pressure 2.5 bar

Colour code distribution uniformity	CU>92%	CU=89-92%	CU=85-88%	CU<85%
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Product advantages:

- Wide range of spinners and accessories
- Both for upright and inverted applications
- Anti Insect mechanism that close the spray outlet when the jet is not pressurized for upright models



PRICE LIST

Inverted Rondo | Flow Regulated

Operating Pressure Range	Inlet
150 - 300 kPa	Conic Female / 3/8" BSP Male

Product Number	Description	Swivel	Nozzle
201016168	Flow Regulated Rondo Inverted Sprinkler 19 lph	Red	Black
201003440	Flow Regulated Rondo Inverted Sprinkler 30 lph		Blue
101003455	Flow Regulated Rondo Inverted Sprinkler 41 lph		Dark Blue
201003441	Flow Regulated Rondo Inverted Sprinkler 53 lph		Green
101011812	Flow Regulated Rondo Inverted Sprinkler 70 lph		Red
101018433	Flow Regulated Rondo Inverted Sprinkler 95 lph		White



Inverted Rondo | Non Flow Regulated

Operating Pressure Range	Inlet
150 - 300 kPa	Conic Female / 3/8" BSP Male

Product Number	Description	Swivel	Nozzle
101011800	Rondo Inverted Sprinkler 51 lph	Blue	Blue
201000123	Rondo Inverted Sprinkler 75 lph	Blue	Green
101011801	Rondo Inverted Sprinkler 102 lph	Blue	Red
201000124	Rondo Inverted Sprinkler 132 lph	Blue	White
101011803	Rondo Inverted Sprinkler 51 lph	Green	Blue
201000126	Rondo Inverted Sprinkler 75 lph	Green	Green
101011804	Rondo Inverted Sprinkler 102 lph	Green	Red
101011805	Rondo Inverted Sprinkler 132 lph	Green	White

2005 AQUA MASTER

SUITABLE FOR UNDER TREE IRRIGATION



Product advantages:

- Simple and user-friendly structure
- Uniform coverage across various spacings, flow rates and pressures
- Insect-resistant nozzle
- Large droplets nozzle
- Inverted version available



PRICE LIST

2005 Aqua Master - Single stage swivel, bridge with loop/hook

3/8" Male BSP / Female Push Fit Base

Product Number	NDJ Product Number	Description	Swivel	Nozzle
101096741	220344	2005 c/w 35 lph	Black	Violet
AU200502	220340	2005 c/w 50 lph	Black	Brown
AU200503	220249	2005 c/w 70 lph	Blue	Grey
101096739	220241	2005 c/w 90 lph	Blue	Turquoise
101096740	220242	2005 c/w 105 lph	Blue	Green
AU200502	220145	2005 c/w 120 lph	Grey	Orange
AU200503	220148	2005 c/w 160 lph	Grey	Black
AU200502	220143	2005 c/w 200 lph	Grey	Blue
AU200503	220146	2005 c/w 250 lph	Grey	Yellow
AU200502	220147	2005 c/w 300 lph	Grey	Red
AU200503	220545	2005 c/w 120 lph	Green	Orange
101096745	220548	2005 c/w 160 lph	Green	Black
101096744	220543	2005 c/w 200 lph	Green	Blue
AU200510	220546	2005 c/w 250 lph	Green	Yellow
AU200511	220547	2005 c/w 300 lph	Green	Red



2005 Aqua Master - Two stage swivel with deflector

3/8" Male BSP / Female Push fit base

Product Number	NDJ Product Number	Description	Swivel	Nozzle
AU200512	220844	2005 c/w 35 lph	Black	Violet
AU200513	220840	2005 c/w 50 lph	Black	Brown
101096748	220749	2005 c/w 70 lph	Blue	Grey
101096746	220741	2005 c/w 90 lph	Blue	Turquoise
101096747	220742	2005 c/w 105 lph	Blue	Green
AU200514	220945	2005 c/w 120 lph	Grey	Orange
AU200515	220948	2005 c/w 160 lph	Grey	Black
AU200516	220943	2005 c/w 200 lph	Grey	Blue
AU200517	220946	2005 c/w 250 lph	Grey	Yellow
AU200520	220947	2005 c/w 300 lph	Grey	Red
AU200521	220445	2005 c/w 120 lph	Green	Orange
AU200522	220448	2005 c/w 160 lph	Green	Black
AU200523	220443	2005 c/w 200 lph	Green	Blue
AU200524	220446	2005 c/w 250 lph	Green	Yellow
AU200525	220447	2005 c/w 300 lph	Green	Red



2005 Aqua Master - Inverted swivel, spring loaded

3/8" Male BSP / Female Push fit base

Product Number	NDJ Product Number	Description	Swivel	Nozzle
AU200526	219644	2005 c/w 35 lph	Green	Violet
101096732	219640	2005 c/w 50 lph	Green	Brown
AU200527	219649	2005 c/w 70 lph	Green	Grey
AU200528	219641	2005 c/w 90 lph	Green	Turquoise
101096733	219642	2005 c/w 105 lph	Green	Green
AU200529	219645	2005 c/w 120 lph	Green	Orange
101096735	219648	2005 c/w 160 lph	Green	Black
101096734	219643	2005 c/w 200 lph	Green	Blue



2005 Aqua Master Parts

Product Number	NDJ Product Number	Description
201016336	719000	Bridge with spring
201016864	819605	Bridge with hook
101081420	819202	Swivel: green
101081421	819203	Swivel: blue
101081422	819208	Swivel: black
201016407	819209	Swivel: grey
201016345	819222	Swivel: green 2 Satge
201016330	819223	Swivel: blue 2 stage
201016331	819228	Swivel: black 2 stage
201016346	819229	Swivel: grey 2 stage
201016408	819212	Swivel: Inverted, green
201016858	819110	Brown 50lph Housing/Nozzle - Threaded 3/8" / Female Push Fit
201016859	819111	Turquoise 90lph Housing/Nozzle - Threaded 3/8" / Female Push Fit
101081399	819112	Green 105lph Housing/Nozzle - Threaded 3/8" / Female Push Fit
201016650	819113	Blue 200lph Housing/Nozzle - Threaded 3/8" / Female Push Fit
101081401	819114	Violet 35lph Housing/Nozzle - Threaded 3/8" / Female Push Fit
201016860	819115	Orange 120lph Housing/Nozzle - Threaded 3/8" / Female Push Fit
201016651	819116	Yellow 250lph Housing/Nozzle - Threaded 3/8" / Female Push Fit
101094646	819117	Red 300lph Housing/Nozzle - Threaded 3/8" / Female Push Fit
201016861	819118	Black 160lph Housing/Nozzle - Threaded 3/8" / Female Push Fit
101081404	819119	Grey 70lph Housing/Nozzle - Threaded 3/8" / Female Push Fit



TECHNICAL DATA

Performance Table for Inverted Application

Precipitation rate (mm/h) Spacing (m)					
Nozzle Colour	Flow rate (l/h)	3x3	4x4	4x6	5x5
Grey	70	7.7	4.4	2.9	2.8
Turquoise	90	10	5.6	3.8	3.6
Green	105	11.7	6.6	4.4	4.2
Orange	120	14.0	7.9	5.3	5.1
Black	160	17.5	9.9	6.6	6.3

*Tested under laboratory conditions at 1.8 m height and 2.0 bar

Colour code distribution uniformity	CU>92%	CU=89-92%	CU=85-88%	CU<85%
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Performance Table for Irristand Application

Precipitation rate (mm/h) Spacing (m)							
Swivel Colour	Nozzle Colour	Flow Rate (l/h)	D (m)	3x3	4x4	5x5	6x6
Blue	Grey	70	7.0	7.8	4.4		
	Turquoise	90	9.0	10	5.6		
	Green	105	9.0	11.6	6.5		
Green	Orange	120	9.5	13.3	7.5	4.8	3.3
	Black	160	10.0	17.8	10	6.4	4.5
	Blue	200	10.5	22.3	12.6	8	5.6
	Yellow	250	11.5	27.8	15.7	10	7
	Red	300	12.5	32.9	18.5	11.8	8.2

Colour code distribution uniformity	CU>92%	CU=89-92%	CU=85-88%	CU<85%
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2002 AQUASmart

PRESSURE COMPENSATING MICRO SPRINKLER | ANTI-ANT SWIVEL



Product advantages:

- Several options of flow rates and distribution patterns
- Built -in anti-insect Nozzle
- Uniform irrigation and fertigation in all topographical conditions
- Inverted swivel with spring loaded bridge option
- Two stage wetted diameter control



PRICE LIST

2002 AquaSmart - Single Stage | 3/8" male BSP/female housing, Push Fit Base

Product Number	NDJ Product Number	Description	Swivel	Nozzle
AU200201	216444	2002 c/w 20 lph	Orange	Violet
101087133	216449	2002 c/w 28 lph		Grey
101096710	216440	2002 c/w 35 lph		Brown
AU200202	216443	2002 c/w 47 lph		Blue
AU200203	216442	2002 c/w 55 lph		Green
101096707	216249	2002 c/w 28 lph	Blue	Grey
101096702	216240	2002 c/w 35 lph		Brown
101096704	216243	2002 c/w 47 lph		Blue
101096703	216242	2002 c/w 55 lph		Green
101096705	216245	2002 c/w 70 lph		Orange
101096706	216246	2002 c/w 95 lph		Yellow
AU200204	216344	2002 c/w 20 lph	Black	Violet
AU200205	216349	2002 c/w 28 lph		Grey
AU200206	216340	2002 c/w 35 lph		Brown
101096709	216343	2002 c/w 47 lph		Blue
101096708	216342	2002 c/w 55 lph		Green
101087122	216345	2002 c/w 70 lph		Orange
AU200207	216346	2002 c/w 95 lph		Yellow



2002 AquaSmart - Two Stage | 3/8" male BSP/female Housing, Push Fit Base

Product Number	NDJ Product Number	Description	Swivel	Nozzle
101096719	218249	2002 c/w 28 lph	Blue	Grey
101086660	218240	2002 c/w 35 lph		Brown
101086662	218243	2002 c/w 47 lph		Blue
101086661	218242	2002 c/w 55 lph		Green
101091992	218245	2002 c/w 70 lph		Orange
101086663	218246	2002 c/w 95 lph		Yellow
AU200208	218344	2002 c/w 20 lph	Black	Violet
101086669	218349	2002 c/w 28 lph		Grey
101096720	218340	2002 c/w 35 lph		Brown
101096721	218343	2002 c/w 47 lph		Blue
101096177	218342	2002 c/w 55 lph		Green
101096722	218345	2002 c/w 70 lph		Orange
101096723	218346	2002 c/w 95 lph		Yellow



2002 AquaSmart - Single Stage | 4/7 barb base

Product Number	NDJ Product Number	Description	Swivel	Nozzle
101087131	216424	2002 c/w 20 lph	Orange	Violet
101087132	216429	2002 c/w 28 lph		Grey
101087129	216420	2002 c/w 35 lph		Brown
101087130	216423	2002 c/w 47 lph		Blue
AU200209	216422	2002 c/w 55 lph		Green
101087108	216229	2002 c/w 28 lph	Blue	Grey
101087102	216220	2002 c/w 35 lph		Brown
101087104	216223	2002 c/w 47 lph		Blue
101087103	216222	2002 c/w 55 lph		Green
101087105	216225	2002 c/w 70 lph		Orange
101087106	216226	2002 c/w 95 lph		Yellow
101087118	216324	2002 c/w 20 lph	Black	Violet
101087121	216329	2002 c/w 28 lph		Grey
101087115	216320	2002 c/w 35 lph		Brown
101087117	216323	2002 c/w 47 lph		Blue
101087116	216322	2002 c/w 55 lph		Green
101087119	216325	2002 c/w 70 lph		Orange
101087120	216326	2002 c/w 95 lph		Yellow



2002 AquaSmart - Two Stage (with deflector) | 4/7 barb base

Product Number	NDJ Product Number	Description	Swivel	Nozzle
101086659	218229	2002 c/w 28 lph	Blue	Grey
101086654	218220	2002 c/w 35 lph		Brown
101087153	218223	2002 c/w 47 lph		Blue
101086655	218222	2002 c/w 55 lph		Green
101086657	218225	2002 c/w 70 lph		Orange
101086658	218226	2002 c/w 95 lph		Yellow
101086667	218324	2002 c/w 20 lph	Black	Violet
101086668	218329	2002 c/w 28 lph		Grey
101086666	218320	2002 c/w 35 lph		Brown
101085584	218323	2002 c/w 47 lph		Blue
101085583	218322	2002 c/w 55 lph		Green
101087161	218325	2002 c/w 70 lph		Orange
101087162	218326	2002 c/w 95 lph		Yellow



2002 AquaSmart - Inverted Swivel | 3/8" male BSP/female housing, Push Fit Base

Product Number	NDJ Product Number	Description	Swivel	Nozzle
101087146	217549	2002 c/w 28 lph	Green	Grey
101096714	217540	2002 c/w 35 lph		Brown
101096716	217543	2002 c/w 47 lph		Blue
101096715	217542	2002 c/w 55 lph		Green
101096717	217545	2002 c/w 70 lph		Orange
101096718	217546	2002 c/w 95 lph		Yellow



2002 Aqua Smart - Inverted Swivel | 4/7 barb base

Product Number	NDJ Product Number	Description	Swivel	Nozzle
101087145	217529	2002 c/w 28 lph	Green	Grey
101087139	217520	2002 c/w 35 lph		Brown
101087141	217523	2002 c/w 47 lph		Blue
101087140	217522	2002 c/w 55 lph		Green
101087143	217525	2002 c/w 70 lph		Orange
101087144	217526	2002 c/w 95 lph		Yellow



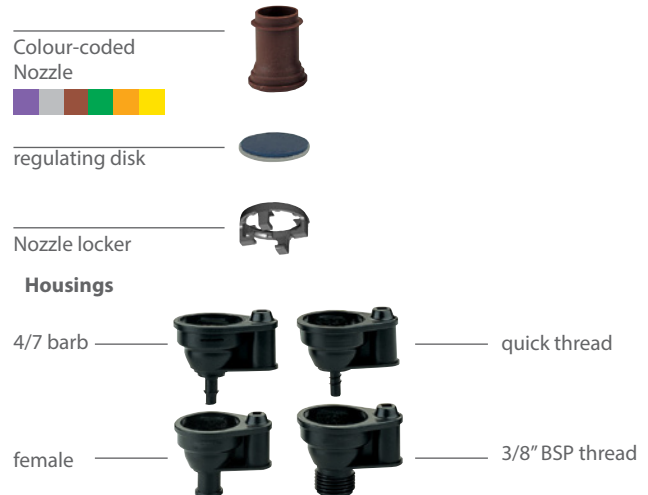
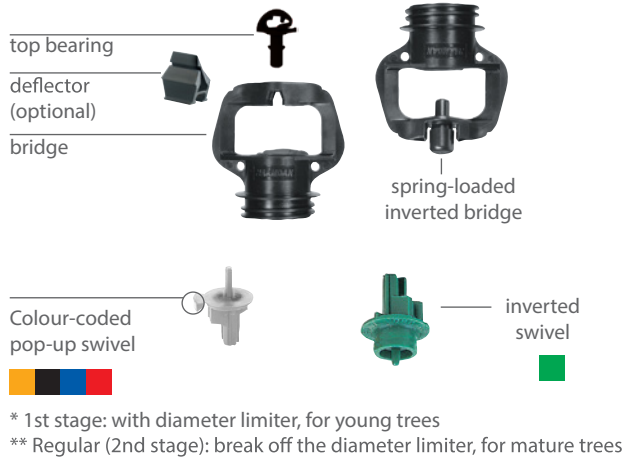
2002 AquaSmart Parts

Product Number	NDJ Product Number	Description
101081375	815007	Top bearing
201016780	717600	Bridge with top bearing
201016321	717000	Bridge with spring
101081385	816308	Swivel: black
101081387	816305	Swivel: orange
101081383	816303	Swivel: blue
101081389	816318	Swivel: 2-stage, black
101081386	816313	Swivel: 2-stage blue
201016668	816202	Swivel: Inverted, green
101081374	810412	Rubber disk (EPDM), black
201016405	815500	Housing barbed
101081379	815504	Housing threaded 3/8MBSP & female push fit
101081376	815018	Disk cap (Locker)
101080902	715100	Brown 35lph Nozzle including diaphragm
101080903	715102	Green 55lph Nozzle including diaphragm
101080904	715103	Blue 47lph Nozzle including diaphragm
101080905	715104	Violet 20lph Nozzle including diaphragm
101080906	715105	Orange 70lph Nozzle including diaphragm
101080907	715106	Yellow 95lph Nozzle including diaphragm
101080910	715109	Grey 28lph Nozzle including diaphragm



TECHNICAL DATA

Product components



Performance Data

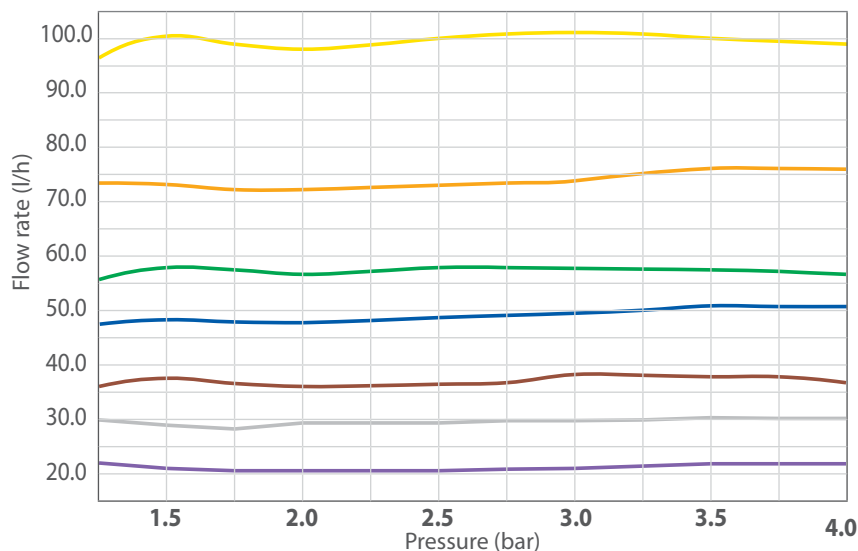
Nozzle Colour	Flow rate (l/h)	Nozzle (mm)		1 st stage	Regular (2 nd stage)	1 st stage	Regular (2 nd stage)	
Violet	20	0.84	3.0	1.5	3.5			
Grey	28	1.00	3.0	2.0	4.0	1.5	4.5	5.0
Brown	35	1.10	3.5	2.5	4.0	2.0	5.0	5.0
Blue	47	1.25	3.5	2.5	4.5	2.0	5.5	5.0
Green	55	1.33	3.5	2.5	4.5	2.0	6.0	5.0
Orange	70	1.48		2.5	5.0	2.5	7.0	5.0
Yellow	95	1.75		3.0	5.5	3.0	7.5	5.0

All swivels tested under laboratory conditions at 0.25 m above ground

* One stage only (no diameter limiter)

** Green swivel tested at 0.6 m above ground

Flow rate vs. pressure





Product advantages:

- Broad range of wetted diameters and flow rates
- Full and part circle patterns
- Small, medium or large droplets produced by different sprayers, swivels or anti-mist devices



PRICE LIST

Modular 90° Deflector | Push-Fit Housing

Product Number	NDJ Product Number	Description	Swivel	Nozzle
101087184	251104	Modular c/w 35 lph	Black	Violet
101094521	251100	Modular c/w 43 lph		Brown
101085588	251109	Modular c/w 70 lph		Grey
101094522	251102	Modular c/w 105 lph		Green
101094523	251105	Modular c/w 120 lph		Orange



Modular 180° Deflector | Push-Fit Housing

Product Number	NDJ Product Number	Description	Swivel	Nozzle
101087187	251204	Modular c/w 35 lph	Red	Violet
101088995	251200	Modular c/w 43 lph		Brown
101086975	251209	Modular c/w 70 lph		Grey
101087186	251202	Modular c/w 105 lph		Green
101087188	251205	Modular c/w 120 lph		Orange



Modular 360° Concave Deflector | Push-Fit Housing

Product Number	NDJ Product Number	Description	Swivel	Nozzle
101087196	251304	Modular c/w 35 lph	Orange	Violet
101087194	251300	Modular c/w 43 lph		Brown
101087197	251309	Modular c/w 70 lph		Grey
101087195	251302	Modular c/w 105 lph		Green
101096760	251305	Modular c/w 120 lph		Orange



Modular 360° Flat Spreader | Push-Fit Housing

Product Number	NDJ Product Number	Description	Swivel	Nozzle
101087200	251504	Modular c/w 35 lph	Yellow	Violet
101087198	251500	Modular c/w 43 lph		Brown
101087202	251509	Modular c/w 70 lph		Grey
101087199	251502	Modular c/w 105 lph		Green
101087201	251505	Modular c/w 120 lph		Orange



Modular 360° 12 jet Spreader | Push-Fit Housing

Product Number	NDJ Product Number	Description	Swivel	Nozzle
AU35006	251604	MODULAR c/w 35 lph	Green	Violet
AU43007	251600	MODULAR c/w 43 lph		Brown
AU70008	251609	MODULAR c/w 70 lph		Grey
AU12009	251602	MODULAR c/w 105 lph		Green
AU12010	251605	MODULAR c/w 120 lph		Orange



Modular Strip Spreader | Push-Fit Housing

Product Number	NDJ Product Number	Description	Swivel	Nozzle
101087207	251704	Modular c/w 35 lph	Blue	Violet
101096768	251700	Modular c/w 43 lph		Brown
101087208	251709	Modular c/w 70 lph		Grey
101096769	251702	Modular c/w 105 lph		Green
101096770	251705	Modular c/w 120 lph		Orange



Modular 360° Mist Spreader | Push-Fit Housing

Product Number	NDJ Product Number	Description	Swivel	Nozzle
101086974	251804	Modular c/w 35 lph	Violet	Violet
101087211	251800	Modular c/w 43 lph		Brown



Modular 360° Small Swivel | Push-Fit Housing

Product Number	NDJ Product Number	Description	Swivel	Nozzle
101080557	252304	Modular c/w 35 lph	Black	Violet
101087214	252300	Modular c/w 43 lph		Brown
101080559	252309	Modular c/w 70 lph		Grey
101080556	252302	Modular c/w 105 lph		Green
101080558	252305	Modular c/w 120 lph		Orange
101087216	252306	Modular c/w 160 lph		Yellow



Modular 360° Big Swivel | Push-Fit Housing

Product Number	NDJ Product Number	Description	Swivel	Nozzle
101087221	252402	Modular c/w 105 lph	Orange	Green
101087222	252405	Modular c/w 120 lph		Orange
101094539	252406	Modular c/w 160 lph		Yellow
101080562	252403	Modular c/w 200 lph		Blue
101087220	252401	Modular c/w 235 lph		Ivory
101096778	252407	Modular c/w 260lph		Red
101094540	252408	Modular c/w 300lph		Black



Modular 360° Anti-Ant Swivel | Push-Fit Housing

Product Number	NDJ Product Number	Description	Swivel	Nozzle
AU35001	252904	Modular c/w 35 lph	Red + Black cup	Violet
101096779	252900	Modular c/w 43 lph		Brown
101094543	252909	Modular c/w 70 lph		Grey
101096780	252902	Modular c/w 105 lph		Green
101096781	252905	Modular c/w 120 lph		Orange
101094542	252906	Modular c/w 160 lph		Yellow
101096120	252903	Modular c/w 200 lph		Blue



Modular 360° One-Sided Swivel | Push-Fit Housing

Product Number	NDJ Product Number	Description	Swivel	Nozzle
101087224	254304	Modular c/w 35 lph	Black	Violet
101096784	254300	Modular c/w 43 lph		Brown
101080561	254309	Modular c/w 70 lph		Grey
101080560	254302	Modular c/w 105 lph		Green
101087225	254305	Modular c/w 120 lph		Orange
101096786	254306	Modular c/w 160 lph		Yellow
101087223	254303	Modular c/w 200 lph		Blue
101096785	254301	Modular c/w 235 lph		Ivory
101096787	254307	Modular c/w 260 lph		Red
101094545	254308	Modular c/w 300 lph		Black



Modular 360° One-Sided Swivel | Extra Range | Push-Fit Housing

Product Number	NDJ Product Number	Description	Swivel	Nozzle
AU16002	254206	Modular c/w 160 lph	Blue	Green
AU20003	254203	Modular c/w 200 lph		Orange
AU23504	254201	Modular c/w 235 lph		Yellow
101096782	252907	Modular c/w 260 lph		Blue
AU30005	252908	Modular c/w 300 lph		Ivory



Modular 360° Inverted Swivel | Push-Fit Housing

Product Number	NDJ Product Number	Description	Swivel	Nozzle
101085589	254504	Modular c/w 35 lph	Olive Green	Violet
101080564	254500	Modular c/w 43 lph		Brown
101080567	254509	Modular c/w 70 lph		Grey
101080565	254502	Modular c/w 105 lph		Green
101080566	254505	Modular c/w 120 lph		Orange
101087228	254506	Modular c/w 160 lph		Yellow
101087227	254503	Modular c/w 200 lph		Blue
101087226	254501	Modular c/w 235 lph		Ivory
101087229	254507	Modular c/w 260 lph		Red
101087230	254508	Modular c/w 300 lph		Black



Modular Parts

Product Number	NDJ Product Number	Description
101081464	850308	Spreader: 90°, black
101081460	850302	Spreader: 12 jets, green
101081461	850303	Spreader: strip, blue
101081465	850314	Spreader: misting, violet
101081462	850305	Spreader: close-range, orange
101081463	850306	Spreader: flat, yellow
101081455	850218	Swivel: small, black
101081466	850317	Spreader: 180°, red (new)
101081451	850202	Swivel: Inverted, green
101081453	850215	Swivel: big, orange
101081454	850217	Swivel: insect-proof, red
101081456	850220	Swivel: insect-proof, cup, black
101081452	850208	Swivel: one-side, black
101081457	850228	Swivel: one-side, blue
101081467	850600	Bridge
101080719	850090	Deflector
101081440	850100	Brown Nozzle 43lph
101081441	850101	Ivory Nozzle 235lph
101081442	850102	Green Nozzle 105lph
101081443	850103	Blue Nozzle 200lph
101038636	850104	Violet Nozzle 35lph
101081444	850105	Orange Nozzle 120lph
101081445	850106	Yellow Nozzle 160lph
101081446	850107	Red Nozzle 260lph
101081447	850108	Black Nozzle 300lph
101081448	850109	Grey Nozzle 70lph



TECHNICAL DATA

Wetted diameter (m) at 2.0 Bar and 0.25 m above ground level

Anti-mist Colour (Ø)	Nozzle Colour	Flow rate (l/h)	Nozzle ID (mm)	Static Spreaders							Swivels					
				90°	180°	Mist sprayer	Strip	Flat	Close-range spreader	12 Jet	Small black	Anti-ant	One sided black	One sided blue	Big orange	Inverted
																
																Height (m)
																0.60 1.80
	Violet	35	0.82	1.7	2.2	1.5	3.2	0.9	2.8	3.4	5.5	6.0	6.5			5.0 6.0
	Brown	43	0.94	1.7	2.5	1.8	4.2	0.9	3.4	4.5	5.5	6.0	6.5			5.5 6.5
	Pink	55	1.02	2.0	2.5		4.5	0.9	3.4	5.0	5.7	6.0	7.0			6.0 7.0
	Grey	70	1.16	2.5	2.7		8.5	0.9	3.4	5.5	6.0	6.5	7.5			6.5 7.5
	Green	105	1.41	3.5	2.7		9.0	0.9	3.4	6.0	6.0	7.0	7.5		9.0	8.0 8.5
	Orange	120	1.50	4.5	2.7		9.0	0.9	4.0	6.0	6.0	7.0	8.0		9.0	8.0 9.0
	Yellow	160	1.73								6.5	8.0	8.0	8.0	9.0	9.0 9.5
	Blue	200	1.92									8.0	8.5	8.5	9.0	9.0 10.0
	Ivory	235	2.07										8.5	9.0	10.0	9.0 10.5
	Red	260	2.18										8.5	10.0	10.0	9.0 11.0
	Black	300	2.34										9.0	10.5	10.0	9.5 11.0
Green /0.94	Green	40	1.41	2.0	1.2		2.8	0.8	3.5	2.5	4.0					4.5 6.0
Orange /1.16	Orange	70	1.50	2.2	2.2		5.0	0.8	3.5	4.5	5.0					6.0 7.5
Yellow /1.40	Yellow	90	1.73	2.5	2.5		5.5	0.9	4.0	5.0	5.5					6.0 8.0
Blue /1.50	Blue	120	1.92	2.5	2.7		7.0	1.0	4.0	6.0	6.0					6.5 8.0

Tested under laboratory conditions | * Inverted swivel tested at 0.6m and 1.8 m | ** Only for upright uses

Modular Nozzle and Flow Rate vs. Pressure

Colour	Flow rate (l/h)	Nozzle ID (mm)	Pressure (bar)					
			1.0	1.5	2.0	2.5	3.0	3.5
Violet	35	0.82	25	30	35	39	43	46
Brown	43	0.94	32	37	43	50	55	60
Pink	55	1.02	38.5	47.5	55	62	68	73
Grey	70	1.16	49	60	70	78	86	93
Green	105	1.41	74	90	105	117	129	139
Orange	120	1.50	85	105	120	134	147	159
Yellow	160	1.73	113	140	160	179	196	212
Blue	200	1.92	141	170	200	224	245	265
Ivory	235	2.07	166	204	235	263	288	311
Red	260	2.18	184	225	260	291	318	344
Black	300	2.34	212	260	300	335	367	397



Product advantages:

- Spreads water in a very long and narrow strip
- Saves up to 70% of water compared to conventional overhead systems
- Safe operation under frost conditions

PRICE LIST

Flipper | Quick Connect Housing

Product Number	NDJ Product Number	Description	Nozzle
101080482	172708	Flipper c/w 25 lph	Black
101087071	172704	Flipper c/w 35 lph	Violet
101029544	172700	Flipper c/w 43 lph	Brown



Flipper | Accessories

Product Number	NDJ Product Number	Description	Nozzle
101064203	771908	Flow regulator 25 lph, barbed housing	Black
101080485	771904	Flow regulator 35 lph, barbed housing	Violet
101080484	771900	Flow regulator 43 lph, barbed housing	Brown
201016796	772018	Sway Black	
AU10811	771018	Sway Brown	
101029510	772020	Mounting device suit flipper barb x oring bayonet (1)	
201016797	772503	Mounting device suit flipper + 30cm tube barb 4/7 (2)	
201016397	772520	Mounting device suit flipper + 200cm tube barb 4/7 (3)	



TECHNICAL DATA

Performance Table

Nozzle Colour	Flipper Colour	Flow rate (l/h) (at 2 bar)	Maximal recommended spacing (m) between flippers**
Black	Black	25*	6.0
Violet	Black	35*	7.0
Brown	Brown	43*	9.0

* For regulated unit: 2.5-4.0 bar ** When Flippers mounted 1.0 m above the target



Product advantages:

- Ideal for localized sprinkling on the row or under the canopy
- No moving parts to break, jam, or wear out



PRICE LIST

Tornado Ray Jet | Head Only | 5mm Male Threaded

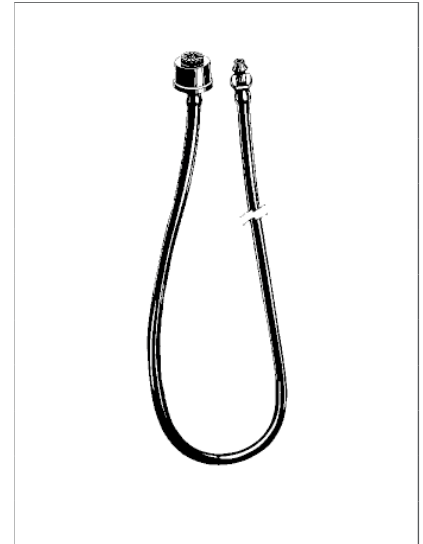
Product Number	Description	*Wetting Diameter (m)	Operating Pressure Range
101070880	Tornado Ray Jet 26.7 lph 360° Black	2.4	150 - 250 kPa
201000080	Tornado Ray Jet 34 lph 360° Blue	3.2	
101070882	Tornado Ray Jet 54 lph 360° Green	3.6	
201000082	Tornado Ray Jet 70 lph 360° Red	4.2	
101070884	Tornado Ray Jet 26.7 lph 300° Black	3.2	
201000083	Tornado Ray Jet 34 lph 300° Blue	3.8	
101070889	Tornado Ray Jet 54 lph 300° Green	4.2	
201000088	Tornado Ray Jet 70 lph 300° Red	6	
101070885	Tornado Ray Jet 26.7 lph 180° Black	3.6	
201000086	Tornado Ray Jet 34 lph 180° Blue	4.2	
101070888	Tornado Ray Jet 54 lph 180° Green	5.6	
201000087	Tornado Ray Jet 70 lph 180° Red	6.6	

*Wetting Diameter Calculated Upright, 25cm above ground, 150kPa inlet pressure
Flow Rate calculated at 150kpa



Tornado Ray Jet | 60cm Tube & 4/7 Connector Assembly

Product Number	Description
101072541	Tornado Ray Jet Tube Assembly 26.7 lph 360° Black
101003371	Tornado Ray Jet Tube Assembly 34 lph 360° Blue
101070895	Tornado Ray Jet Tube Assembly 54 lph 360° Green
101003375	Tornado Ray Jet Tube Assembly 70 lph 360° Red
101070891	Tornado Ray Jet Tube Assembly 26.7 lph 300° Black
101003373	Tornado Ray Jet Tube Assembly 34 lph 300° Blue
101070894	Tornado Ray Jet Tube Assembly 54 lph 300° Green
101022978	Tornado Ray Jet Tube Assembly 70 lph 300° Red
AU14124	Tornado Ray Jet Tube Assembly 26.7 lph 180° Black
AU14125	Tornado Ray Jet Tube Assembly 34 lph 180° Blue
AU14126	Tornado Ray Jet Tube Assembly 54 lph 180° Green
101028603	Tornado Ray Jet Tube Assembly 70 lph 180° Red



*Wetting Diameter Calculated Upright, 25cm above ground, 150kPa inlet pressure
Flow Rate calculated at 150kpa

Tornado Ray Jet | 60cm Tube, 4/7 Connector & Clip Hammer Stake Assembly

Product Number	Description
101070890	Tornado Ray Jet Complete Assembly 26.7lph 360° Black
101028591	Tornado Ray Jet Complete Assembly 34lph 360° Blue
101028592	Tornado Ray Jet Complete Assembly 54lph 360° Green
101028593	Tornado Ray Jet Complete Assembly 70lph 360° Red
101048457	Tornado Ray Jet Complete Assembly 26.7lph 300° Black
101028601	Tornado Ray Jet Complete Assembly 34lph 300° Blue
AU99992003	Tornado Ray Jet Complete Assembly 54lph 300° Green
101048125	Tornado Ray Jet Complete Assembly 70lph 300° Red
101028595	Tornado Ray Jet Complete Assembly 26.7 lph 180° Black
101048126	Tornado Ray Jet Complete Assembly 34 lph 180° Blue
AU99992005	Tornado Ray Jet Complete Assembly 54 lph 180° Green
101048128	Tornado Ray Jet Complete Assembly 70 lph 180° Red



*Wetting Diameter Calculated Upright, 25cm above ground, 150kPa inlet pressure
Flow Rate calculated at 150kpa

TECHNICAL DATA

Rivulis Tornado Ray Jet | Maximum Number of Sprays on Irrigation Laterals (+/- 5% Flow Variation)

Nominal Flow Rate	Nozzle Colour	Hose Size		Spacing Between Sprays (m)									
		ID	OD	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5
lph		mm	mm	Number of sprays									
26.7	Black	13.6	16	26	24	23	21	20	19	19	18	17	17
		15.2	17.8	32	30	28	26	25	24	23	22	21	21
		17.4	20	41	38	35	33	32	30	29	28	27	26
34	Blue	13.6	16	23	21	19	18	17	17	16	15	15	14
		15.2	17.8	28	25	24	22	21	20	19	19	18	18
		17.4	20	35	32	30	28	27	26	25	24	23	23
54	Green	13.6	16	16	15	14	13	12	12	11	11	11	10
		15.2	17.8	20	18	17	16	15	15	14	14	13	13
		17.4	20	26	23	22	21	20	19	18	17	17	16
70	Red	13.6	16	14	13	12	11	10	10	10	9	9	9
		15.2	17.8	17	16	14	14	13	12	12	11	11	11
		17.4	20	22	20	19	17	17	16	15	15	14	14

Range (m) of the Tornado sprinkler in vertical application

head up at 25 cm from the ground according to Nozzles and operating pressure

Operating pressure (bar)	Range (m) / Operating pressure (bar)			
	Black Nozzle 360° 12 Sprays	Blue Nozzle 360° 12 Sprays	Green Nozzle 360° 12 Sprays	Red Nozzle 360° 12 Sprays
1	1	1.2	1.5	1.8
1.5	1.2	1.6	1.8	2.1
2	1.3	1.7	2	2.4
2.5	1.4	1.9	2.3	2.6

TORNADO TAKE APART

A JET SPRAYER WITH NO MOVING PARTS



Product advantages:

- Ideal for localized sprinkling on the row or under the canopy
- Uniform and precise rainfall even over long row lengths and / or on sloping terrains
- No moving parts to break, jam, or wear out

PRICE LIST

Tornado Take Apart | 1/2" BSP Female Inlet

Product Number	Description	*Wetting Diameter (m)	Operating Pressure Range
201000753	Tornado Take-Apart Ray Jet Cap (360°)	2.4	150 - 250 kPa
201000756	Tornado Take-Apart Ray Jet Cap (300°)	3.2	
201000755	Tornado Take-Apart Ray Jet Cap (180°)	3.6	



*Wetting Diameter Calculated Upright, 25cm above ground, 150kPa inlet pressure
Flow Rate calculated at 150kpa

Take Apart Assembly | 60cm Tube, 4/7 Connector, Meteor Adaptor & Cantel Stake

Product Number	Description
101028615	Tornado Take-Apart Assembly 28 lph
101072336	Tornado Take-Apart Assembly 37 lph
101072337	Tornado Take-Apart Assembly 59 lph
101022178	Tornado Take-Apart Assembly 70 lph
101048129	Tornado Take-Apart Assembly 28 lph 300°
101062066	Tornado Take-Apart Assembly 34 lph 300°
101048131	Tornado Take-Apart Assembly 55 lph 300°
101048132	Tornado Take-Apart Assembly 70 lph 300°
101078009	Tornado Take-Apart Assembly 37 lph 300°

TECHNICAL DATA

Flow rate Tornado Take Apart Ray Jet

Product	Colour code (Nozzle) / Flow rate (l/h)			
	Black	Blue	Green	Red
Tornado Take Apart at 1.5 bar	29	37	59	74
Tornado Take Apart PC at 1.5 bar	29	37	57	73

360° (12 sprays)

above ground (cm)	Flow Rate / Colour code (Nozzle)			
	28 l/h- Black Nozzle 360° 12 Sprays	34 l/h- Blue Nozzle 360° 12 Sprays	55 l/h- Green Nozzle 360° 12 Sprays	70 l/h- Red Nozzle 360° 12 Sprays
Wetted Pattern (m)				
50	1.10	1.20	1.30	1.20
100	1.70	1.90	2.00	2.00
150	2.10	2.20	2.30	2.40



Product advantages:

- Full and wide range of options makes it easy and economical to match any application
- Smart cap to limit the wetted area for irrigating young trees
- Pressure compensating (PC) and insect proof (IP) options



PRICE LIST

Smart Jet | Full Circle

Product Number	NDJ Product Number	Description	Flow Rate	Nozzle
AU28001	131145	Smart Jet 360°	28L/h	Orange
101080854	131143	Smart Jet 360°	35L/h	Blue
101094415	131144	Smart Jet 360°	46L/h	Violet
101094414	131142	Smart Jet 360°	55L/h	Green
101094416	131146	Smart Jet 360°	68L/h	Yellow
101094417	131147	Smart Jet 360°	79L/h	Red



Smart Jet | Pressure Compensating | Full Circle

Product Number	NDJ Product Number	Description	Flow Rate	Nozzle
101080867	133148	Smart Jet 360° PC	19L/h	Black
101080868	133145	Smart Jet 360° PC	28L/h	Orange
101096901	133143	Smart Jet 360° PC	35L/h	Blue
101094430	133144	Smart Jet 360° PC	46L/h	Violet
101080870	133142	Smart Jet 360° PC	55L/h	Green
101094431	133146	Smart Jet 360° PC	68L/h	Yellow
101080871	133147	Smart Jet 360° PC	79L/h	Red



Insect Proof Smart Jet available upon request however not stocked in Australia

Smart Jet | Full Circle + 60cm PE Tube

Product Number	NDJ Product Number	Description	Flow Rate	Nozzle
AU36001	131148071	Smart Jet 360° c/w 60cm PE tube	20L/h	Black
AU36002	131145071	Smart Jet 360° c/w 60cm PE tube	28L/h	Orange
101097155	131143071	Smart Jet 360° c/w 60cm PE tube	35L/h	Blue
AU36003	131144071	Smart Jet 360° c/w 60cm PE tube	46L/h	Violet
AU36004	131142071	Smart Jet 360° c/w 60cm PE tube	55L/h	Green
AU36005	131146071	Smart Jet 360° c/w 60cm PE tube	68L/h	Yellow
AU36006	131147071	Smart Jet 360° c/w 60cm PE tube	79L/h	Red



Smart Jet | Pressure Compensating | Full Circle + 60cm PE Tube

Product Number	NDJ Product Number	Description	Flow Rate	Nozzle
AU36007	133148071	Smart Jet 360° c/w 60cm PE tubePC	20L/h	Black
101094756	133145071	Smart Jet 360° c/w 60cm PE tubePC	28L/h	Orange
101094755	133143071	Smart Jet 360° c/w 60cm PE tubePC	35L/h	Blue
AU36008	133144071	Smart Jet 360° c/w 60cm PE tubePC	46L/h	Violet
AU36009	133142071	Smart Jet 360° c/w 60cm PE tubePC	55L/h	Green
AU36010	133146071	Smart Jet 360° c/w 60cm PE tubePC	68L/h	Yellow
AU36011	133147071	Smart Jet 360° c/w 60cm PE tubePC	79L/h	Red



TECHNICAL DATA

Nozzle Colour	Nozzle Diameter (mm)	 (bar)	 (l/h)	J (16 Jets)	U (270°)	C (210°)	A Low	A High	S (Strip)**	SF (Strip Flat)**	H (180°)	I (inverted) *
												
Smart Jet & Smart Jet IP Distribution Patterns and Wetted Diameters (m)												
Black	0.64	0.7	15	3.3	3.8	4.7	3.2	3.7	3.2	1.9	3.7	3.2
		1.0	19	3.9	4.0	5.0	3.9	4.3	3.7	2.6	4.4	3.8
		1.5	23	4.2	4.6	5.6	4.3	4.6	4.2	3.4	5.2	4.2
		2.0	27	4.4	4.8	5.9	4.7	4.8	4.3	4.0	5.7	4.8
		2.5	30	4.7	5.3	6.5	4.8	5.4	4.5	3.8	6.2	5.1
		3.0	33	4.8	5.6	6.7	5.2	5.6	4.7	3.8	6.4	5.3
Orange	0.86	0.7	23	3.8	4.4	5.4	3.7	4.3	3.9	3.2	4.1	3.8
		1.0	28	4.4	4.8	6.1	4.3	4.8	4.4	4.0	5.0	4.4
		1.5	34	5.0	5.6	7.1	5.2	5.8	4.8	4.5	5.6	5.3
		2.0	40	5.4	6.2	7.6	5.5	6.2	4.9	4.6	6.5	5.9
		2.5	45	5.6	6.7	8.6	5.8	6.5	5.3	4.6	7.0	6.7
		3.0	49	6.0	7.2	9.1	6.1	7.0	5.5	4.6	7.4	7.4
Blue	0.94	0.7	28	4.1	4.5	6.0	4.5	4.8	4.3		4.3	4.4
		1.0	35	4.8	5.2	6.9	5.1	5.7	4.7		5.1	4.9
		1.5	42	5.7	6.0	7.9	5.7	6.2	5.1		6.1	5.9
		2.0	49	6.2	6.5	8.9	6.3	7.0	5.5		6.9	6.7
		2.5	54	6.6	6.9	9.5	6.7	7.3	5.9		8.0	7.0
		3.0	60	7.1	7.1	10.2	7.1	7.8	6.4		8.6	7.5
Violet	1.10	0.7	39	5.0	5.4	6.7	4.8	5.6	4.8		5.1	4.8
		1.0	46	6.1	6.1	7.8	5.7	6.2	5.3		5.9	5.5
		1.5	57	6.6	7.3	8.7	6.2	7.2	6.1		6.7	6.4
		2.0	66	7.3	7.9	9.9	7.1	7.8	6.7		8.2	7.4
		2.5	74	7.8	8.6	10.8	7.6	8.7	7.1		9.2	8.2
		3.0	81	8.4	9.1	11.7	7.8	9.1	7.6		10.1	8.6
Green	1.20	0.7	45	4.9	6.0	6.9	5.1	5.8	5.1		5.5	5.0
		1.0	55	5.9	6.7	8.1	6.1	6.9	5.8		6.7	6.0
		1.5	67	6.9	7.6	9.2	6.9	7.8	6.3		7.7	7.1
		2.0	78	7.7	8.6	10.6	7.3	8.4	6.9		8.7	8.2
		2.5	86	8.6	9.3	11.4	8.0	8.7	7.4		10.1	8.9
		3.0	95	9.5	10.0	12.5	8.4	9.3	8.3		10.8	9.5
Yellow	1.34	0.7	57	5.7	6.3	7.3	6.0	6.5	5.6		5.9	5.7
		1.0	67	6.7	7.3	8.5	6.9	7.4	6.5		7.0	7.1
		1.5	84	7.7	8.7	9.9	8.0	8.6	7.3		8.7	8.6
		2.0	96	8.5	9.7	11.5	8.7	9.4	8.0		9.9	9.6
		2.5	108	9.6	10.8	12.6	9.3	9.9	8.8		11.0	10.8
		3.0	119	10.6	11.3	13.4	9.7	10.2	9.5		11.6	11.4
Red	1.44	0.7	65	6.0	7.0	7.8	6.3	7.1	5.9		6.3	6.0
		1.0	79	7.0	8.1	9.4	7.4	8.2	6.7		7.2	7.3
		1.5	96	8.3	9.7	11.0	8.6	9.7	7.6		9.3	8.9
		2.0	110	9.2	10.8	12.5	9.7	10.4	8.6		10.3	9.9
		2.5	124	10.1	11.7	13.4	10.8	11.2	9.4		11.7	11.0
		3.0	136	10.9	12.2	14.3	11.2	11.5	10.1		12.0	11.9
Smart Jet PC & Smart Jet PC IP Distribution Pattern and Wetted Diameter (m)												
Black	0.85	1.0-3.0 bar	19	3.2	3.7	4.5	3.9	4.3	3.3	2.9	3.8	3.5
Orange	1.05		28	3.7	4.4	4.7	4.0	4.5	3.8	3.2	4.2	4.1
Blue	1.15		35	4.1	5.0	5.4	4.3	4.9	4.1	3.6	4.9	4.7
Violet	1.25		46	4.6	5.7	5.9	4.9	5.5	4.6	3.8	5.7	5.1
Green	1.35		55	5.3	6.6	6.5	5.5	6.1	5.3	4.7	6.4	5.9
Yellow	1.55		67	5.7	7.1	7.4	6.0	6.5	5.7	5.1	6.7	6.3
Red	1.65		79	6.3	8.0	8.5	6.8	7.6	6.3	6.1	7.1	7.0

* Tested at 0.25 m height ** Pattern width: 0.8 - 1.2 m



The Spark is an innovative concept for solar panel cleaning utilizing the proven Modular Sprinkler. The unique clip fits most solar panel frames on the market and holds the Modular Sprinkler at the best angle for optimal cleaning performance.

Product advantages:

- Saves on labour
- Reduces OH&S risks
- Potentially allows rows of panels to be spaced closer together
- Is easy to assemble and operate
- Provides immediate solution for cleaning in the event of unexpected dirt accumulation

PRICE LIST

Spark

Product Number	NDJ Product Number	Description
AU12010	SPKH12020	Spark Half Circle Kit 120Lph with 20cm Butterfly Tube
AU12020	SPKQ10520	Spark Quarter Circle Kit 105Lph with 20cm Butterfly Tube
101080916	790100	Fast-N-Fast Connector (Optional)

The Spark Kit includes 2 piece solar panel bracket, Modular Sprinkler and 20cm Butterfly Tube. Assembly is required during the installation of the Spark Solar Panel Cleaning Kit.



PRICE LIST

Micro Sprinkler Stakes (Spikes)

Super Hammer Stake	Clip Hammer Stake	Cantal Stake	Spike 31	Spike 34 Black	Spike 34 Red	Spike 37 Black	Spike 37 Red
							

Product Number	NDJ Product Number	Description
201000207		Super Hammer Stake 3/8" Female Thread (Suitable for S2000, Rondo, 2002 & 2005)
201000258		Clip Hammer Stake (Suitable for Tornado Ray Jet)
201000259		Cantal Stake 35cm (Use with Meteor Adaptors)
201000852		Cantal Stake 60cm (Use with Meteor Adaptors)
101080728	897908	Spike 31 Black (Suitable for Modular)
101087382	897918	Spike 34 Black (Suitable for Modular Smart Jet & Tornado)
101080729	897917	Spike 34 Red (Suitable for Modular Smart Jet & Tornado)
101080731	897948	Spike 37 Black (Suitable for 2002/2005, heavy duty)
101080730	897947	Spike 37 Red (Suitable for 2002/2005, heavy duty, high visibility)
AU10001	493202	100cm x 4.5mm Fibreglass Stake
101007695		100cm x 5mm Fibreglass Stake
101007687		100cm x 8mm Fibreglass Stake

Micro Sprinkler Accessories | Stake/Spike Tube Assemblies

Product Number	NDJ Product Number	Description
101003715		Super Hammer Stake assembly (60cm PE 4x7 tube with barbed take-off)
101066689		Super Hammer Stake assembly (120cm PE 4x7 tube with barbed take-off)
101096895	797606	Spike 31 black + Butterfly tube 60cm (Spike 31 with 60cm PVC Butterfly tube + barb take-off)
101096896	797706	Spike 34 red + Butterfly tube 60cm
101096899	797976	Spike 37 red + Butterfly tube 60cm
101096898	797936	Spike 37 black + Butterfly tube 60cm

PRICE LIST

Micro Sprinkler Accessories | Meteor Adaptors & Tube Assemblies

Product Number	NDJ Product Number	Description
201000255	797406	60cm PE 4x7mm tube assembled with barb connector
101029296		120cm PE 4x7mm tube with barb connector
101003693	797006	60cm PVC 4x7mm tube assembled with barb connector
WT14855		Meteor adaptor (3/8"F x 4/7) assembled with 20 cm 4/7 PVC tube and connector
201014856		60cm PVC 4x7mm tube assembly with 3/8" meteor adaptor and barbed take-off
101046237		120cm PVC 4x7mm tube assembly with 3/8" meteor adaptor and barbed take-off
101076262		300cm PVC 4x7mm tube assembly with 3/8" meteor adaptor and barbed take-off
101067668		90cm PE 4x7mm tube assembly with 3/8" meteor adaptor and barbed take-off
101039010		120cm PE 4x7mm tube assembly with 3/8" meteor adaptor and barbed take-off
101086838	797030	Butterfly tube PVC 60 cm
101086879	797038	Butterfly tube PVC 100 cm
101087338	797040	Butterfly tube PVC 120 cm
AU20002	797044	Butterfly tube PVC 200 cm



Custom lengths and assemblies are available upon request – contact Customer Service for more information.

IMPACT SPRINKLERS

Rivulis offer a wide range of Impact sprinklers that deliver performance season after season with great yields, consistent quality and crop production efficiencies.

Our solutions range of Impact sprinklers for open field vegetable, orchard production and protect crops delivers a precise irrigation with excellent water distribution uniformity.

Quick Reference Guide

Description	5022 SD U	5022 SD	5022 SD U PC	5024 SD	427 B	6025 SD	6004 SD	5035 SD	5035 SD PC	5035 G	J1-1
Plastic body	√	√	√	√	√	√	√	√	√	√	
Metal body											√
Overhead irrigation	√	√	√		√	√		√	√	√	√
Under canopy irrigation				√			√				
Under canopy frost protection				√			√				
Overhead frost protection							√	√			
Part Circle Operation			√		√				√		
											

Description	423 AG	233 B	233 PC	234	234 PC	K1-260	K1-260 PC	Ambo 270	Ambo 270 PC	Duplex 280	Duplex 280 PC
Plastic body											
Metal body	√	√	√	√	√	√	√	√	√	√	√
Overhead irrigation	√	√	√	√	√	√	√	√	√	√	√
Under canopy irrigation											
Under canopy frost protection											
Overhead frost protection		√		√							
Part Circle Operation	√		√		√		√		√		√
											

5022 SD-U / SDU-PC / SD

1/2" PLASTIC IMPACT SPRINKLER



Product advantages:

- Efficient irrigation of field boundaries with good uniformity
- Wide range of flow rates
- High impact and heavy-duty plastic materials provide resistance to corrosion, chemicals and UV radiation
- Unique hammer combined with an SD (super diffuser) plate, ensuring uniform distribution with single or dual nozzles



PRICE LIST

5022 SD-U

Product Number	NDJ Product Number	Description	Nozzle
101087667	51527011	5022SD-U with 2.5mm Nozzle	Purple
101087668	51527021	5022SD-U with 2.8mm Nozzle	Orange
101084764	51529131	5022SD-U with 2.5 x 1.8mm Nozzles	Purple/Green
101077726	51529151	5022SD-U with 2.8 x 1.8mm Nozzles	Orange/Green



5022 SDU-PC

Product Number	NDJ Product Number	Description	Nozzle
101084770	515270119	5022SDU-PC with 2.5mm nozzle	Purple
101084771	515270219	5022SDU-PC with 2.8mm nozzle	Orange
101084772	515270319	5022SD-PC with 3.0mm nozzle	Red



5022 SD

Product Number	NDJ Product Number	Description	Nozzle
101087669	51527031	5022SD with 3.0mm Nozzle (black SD)**	Red
101086703	51527041	5022SD with 3.2mm Nozzle (black SD)**	Green
101087670	51527051	5022SD with 3.5mm Nozzle (black SD)**	Blue
101087671	51527061	5022SD with 4.0mm Nozzle (black SD)**	Black
101084766	51527231	5022SD with 3.0 x 1.8mm Nozzles (blue SD)	Red/Green
101084767	51527241	5022SD with 3.2 x 1.8mm Nozzles (blue SD)	Green/Green
101084768	51527251	5022SD with 3.5 x 1.8mm Nozzles (blue SD)	Blue/Green
101084769	51527261	5022SD with 4.0 x 1.8mm Nozzles (blue SD)	Black/Green



5022

Product Number	NDJ Product Number	Description	Nozzle
AU502201	5152706	5022 with 4.0 nozzle	Black
AU502201	5152716	5022 with 4.0 x 2.5mm nozzles	Black/Grey



PERFORMANCE TABLE

5022

Nozzle (mm)	P (bar)	Q (l/h)	D (m)
4.0 Black	2.0	850	23
	3.0	1,030	26
	4.0	1,180	25
4.0 x 2.5 Black	2.0	1,170	23
	3.0	1,455	25
	4.0	1,680	26

5022 SD-U

Nozzle (mm)	P (bar)	Q (l/h)	D (m)
2.5 Purple	1.5	310	19
	2.0	360	19
	2.5	400	20
	3.0	440	21
	3.5	475	21
	4.0	510	21
2.8 Orange	1.5	405	19
	2.0	475	21
	2.5	530	22
	3.0	580	22
	3.5	625	22
	4.0	670	23

Nozzle (mm)	P (bar)	Q (l/h)	D (m)
2.5 x 1.8 Purple	1.5	440	18
	2.0	480	19
	2.5	535	21
	3.0	590	21
	3.5	635	21
	4.0	685	21
2.8 x 1.8 Orange	1.5	510	19
	2.0	560	20
	2.5	635	21
	3.0	690	22
	3.5	750	23
	4.0	800	22

PERFORMANCE TABLE

5022 SDU-PC

Nozzle (mm)	P (bar)	Q (l/h)	D (m)
2.5 Purple	2.0	375	20
	2.5	420	21
	3.0	460	21
	3.5	490	22
	4.0	525	22
2.8 Orange	2.0	475	22
	2.5	530	22
	3.0	580	23
	3.5	630	23
	4.0	680	23

Nozzle (mm)	P (bar)	Q (l/h)	D (m)
3.0 Red	2.0	520	21
	2.5	575	22
	3.0	625	22
	3.5	680	23
	4.0	730	23
3.2 Green	2.0	590	21
	2.5	660	22
	3.0	725	23
	3.5	770	23
	4.0	835	24

5022 SD

Nozzle (mm)	P (bar)	Q (l/h)	D (m)
3.0 Red	2.5	570	21
	3.0	630	22
	3.5	680	23
	4.0	720	23
3.2 Green	2.5	640	21
	3.0	700	22
	3.5	760	23
	4.0	810	23
3.5 Blue	2.5	740	23
	3.0	810	23
	3.5	870	24
	4.0	930	25
4.0 Black	2.5	950	23
	3.0	1,030	24
	3.5	1,110	25
	4.0	1,180	26

Nozzle (mm)	P (bar)	Q (l/h)	D (m)
3.0 x 1.8 Red	2.5	760	21
	3.0	840	22
	3.5	900	23
	4.0	970	22
3.2 x 1.8 Green	2.5	820	21
	3.0	900	22
	3.5	980	23
	4.0	1,040	23
3.5 x 1.8 Blue	2.5	890	23
	3.0	990	23
	3.5	1,060	24
	4.0	1,150	24
4.0 x 1.8 Black	2.5	1,100	24
	3.0	1,220	25
	3.5	1,330	25
	4.0	1,430	26

5024 SD

1/2" MALE BASE, PLASTIC, LOW ANGLE 120 TRAJECTORY FOR UNDER-TREE IRRIGATION WITH SUPER DIFFUSER



Product advantages:

- 12° low angle Impact sprinkler optimal undertree irrigation
- Unique hammer with SD (super-diffuser) plate for uniform distribution
- High uniformity even at low pressure
- Resistance to UV radiation and exterior impact ensuring longevity
- Colour-coded bayonet nozzles



PRICE LIST

5024 SD

Product Number	NDJ Product Number	Description	Nozzle
101085624	5152661	5024SD-U with 2.5mm nozzle	Purple
101080531	5152662	5024SD-U with 2.8mm nozzle	Orange
101094202	5152663	5024SD with 3.0mm nozzle	Red
101085625	5152664	5024SD with 3.2mm nozzle	Green
101080533	5152665	5024SD with 3.5mm nozzle	Blue



PERFORMANCE TABLE

Sleeve	Nozzle (mm)	P (bar)	Q (l/h)	D (m)	MSH* (cm)
Red	2.5 Purple	1.5	285	14.0	100
		2.0	350	16.0	
		2.5	390	17.0	
		3.0	430	18.0	
		3.5	460	18.0	
		4.0	490	18.0	
	2.8 Orange	1.5	365	16.0	110
		2.0	450	18.0	
		2.5	500	19.0	
		3.0	550	19.0	
		3.5	590	20.0	
		4.0	630	20.0	

Sleeve	Nozzle (mm)	P (bar)	Q (l/h)	D (m)	MSH* (cm)
Black	3.0 Red	1.5	430	17.0	120
		2.0	500	18.0	
		2.5	560	19.0	
		3.0	615	20.0	
		3.5	670	21.0	
		4.0	715	21.0	
	3.2 Green	1.5	510	17.0	125
		2.0	595	18.0	
		2.5	670	19.0	
		3.0	735	20.0	
		3.5	790	21.0	
		4.0	845	22.0	
	3.5 Blue	1.5	580	18.0	127
		2.0	675	19.0	
		2.5	755	20.0	
		3.0	830	21.0	
		3.5	900	22.0	
		4.0	965	23.0	

427 B

1/2" MALE, PLASTIC SPRINKLER



Product advantages:

- Integrated stream-straightening vane for maximum range
- High-impact, heavy-duty plastic materials provide resistance to corrosion, chemicals and UV radiation
- WP – Hammer ensures all water is inside the irrigation pattern and prevents irrigating roads and neighbors
- Colour-coded bayonet nozzles



PRICE LIST

427 B

Product Number	NDJ Product Number	Description	Nozzle
101078499	5146728	427B-U with 2.8mm nozzle*	Orange
101085622	5146730	427B with 3.0mm nozzle	Red
101080502	5146732	427B with 3.2mm nozzle	Green
101080503	5146735	427B with 3.5mm nozzle	Blue
101080504	5146740	427B with 4.0mm nozzle	Black



PERFORMANCE TABLE

Nozzle (mm)	P (bar)	Q (m³/h)	D (m)
3.0 Red	2.0	0.510	23
	3.0	0.630	24
	4.0	0.720	25
3.2 Green	2.0	0.570	23
	3.0	0.700	24
	4.0	0.810	26
3.5 Blue	2.0	0.660	23
	3.0	0.810	24
	4.0	0.930	26
4.0* Black	2.0	0.850	24
	3.0	1.030	26
	4.0	1.180	26

6025 SD

1/2" MALE, PLASTIC SPRINKLER



Product advantages:

- Designed for short irrigation cycles for germination
- Unique hammer combined with super diffuser plate - designed for uniform distribution with single or dual nozzles
- Specially arched water path that facilitates a wider irrigation radius, reducing the number of sprinklers required per area



PRICE LIST

6025 SD

Product Number	NDJ Product Number	Description	Nozzle
101084774	5164028	6025SD with 2.8mm nozzle	Orange
101084775	5164030	6025SD with 3.0mm nozzle	Red
101084776	5164032	6025SD with 3.2mm nozzle	Green
101084777	5164035	6025SD with 3.5mm nozzle	Blue
101084778	5164040	6025SD with 4.0mm nozzle	Black



PERFORMANCE TABLE

Precipitation rates (mm/hr) and uniformity (CU) at various spacings

Nozzle (mm)	P (bar)	Q (m³/h)	D (m)	Spacing (m)					
				12x12	12x14	12x15	14x14	15x15	16x16
2.8 Orange	2.5	0.540	19	3.8	3.2	3.0			
	3.0	0.595	21	4.1	3.5	3.3	3.0		
	3.5	0.640	21	4.4	3.8	3.6	3.3		
	4.0	0.685	22	4.8	4.1	3.8	3.5		
3.0 Red	2.5	0.585	21	4.1	3.5	3.3	3.0		
	3.0	0.640	23	4.4	3.8	3.6	3.3		
	3.5	0.690	23	4.8	4.1	1.3	3.5		
	4.0	0.735	23	5.1	4.4	4.1	3.8		
3.2 Green	2.5	0.670	23	4.7	4.0	3.7	3.4	3.0	
	3.0	0.730	23	5.1	4.3	4.1	3.7	3.2	
	3.5	0.790	24	5.5	4.7	4.4	4.0	3.5	
	4.0	0.840	24	5.8	5.0	4.7	4.3	3.7	
3.5 Blue	2.5	0.780	24	5.4	4.6	4.3	4.0	3.5	3.0
	3.0	0.850	24	5.9	5.1	4.7	4.3	3.8	3.3
	3.5	0.920	24	6.4	5.5	5.1	4.7	4.1	3.6
	4.0	0.980	25	6.8	5.8	5.4	5.0	4.4	3.8
4.0 Black	2.5	1.005	26	7.0	6.0	5.6	5.1	4.5	3.9
	3.0	1.100	26	7.6	6.5	6.1	5.6	4.9	4.3
	3.5	1.185	27	8.2	7.1	6.6	6.1	5.3	4.6
	4.0	1.270	27	8.8	7.6	7.1	6.5	5.6	5.0

Colour Code Distribution Uniformity			
CU>92%	CU=89-92%	CU=85-88%	CU<85%

Performance table prepared under laboratory conditions
For windy conditions use closer spacing

6004 SD

½" MALE PLASTIC IMPACT SPRINKLER



Product advantages:

The 6004SD Sprinkler is your ground-level precision solution designed for orchards and plantations, with a special emphasis on table grapes and bananas. Engineered to perfection, the 4° low angle facilitates a flat stream, keeping water close to the ground and preventing unnecessary wetting of foliage.



PRICE LIST

6004 SD

Product Number	NDJ Product Number	Description	Nozzle
101087511	5165025	6004SD LA with 2.5mm nozzle	Purple
101087512	5165028	6004SD LA with 2.8mm nozzle	Orange
101087513	5165030	6004SD LA with 3.0mm nozzle	Red
101087514	5165032	6004SD LA with 3.2mm nozzle	Green



PERFORMANCE TABLE

Nozzle (mm)	P (bar)	Q (l/h)	D (m)	MSH* (cm)
2.8 Orange	2.0	480	14.0	25
	2.5	530	15.0	
	3.0	584	16.0	
	3.5	630	17.0	
	4.0	675	17.5	
3.0 Red	2.0	525	14.0	28
	2.5	585	15.0	
	3.0	640	16.0	
	3.5	695	16.5	
	4.0	745	17.0	
3.2 Green	2.0	570	14.5	30
	2.5	640	15.5	
	3.0	700	16.5	
	3.5	765	17.0	
	4.0	815	18.0	

* MSH - Max. Stream Height (from nozzle)

* Performance table prepared under laboratory conditions

* For windy conditions use closer spacing

PRICE LIST

5022, 5022SD, 5024SD, 427B, 6025SD, 6004SD

Product Number	NDJ Product Number	Description	Sleeve
101066159	582251	2.5mm Purple	Red
101086696	582281	2.8mm Orange	
101087315	582301	3.0mm Red	Black
101085173	582321	3.2mm Green	
101086806	582351	3.5mm Blue	
101087316	582401	4.0mm Black	
101029607	583181	1.8mm Light Green (Rear)	-
101068035	583253	2.5mm Grey (Rear)	-
101086805	582001	Blank (Rear)	-
101087579	5196338	Nozzle Wrench	-



Warning: Do not swap nozzles between red sleeve and black sleeve sprinklers
If in doubt please contact your local Rivulis Representative or Customer Service

5035 SD/SDPC

3/4" MALE BASE PLASTIC IMPACT SPRINKLER



Product advantages:

With its smart design featuring a special hammer and SD (super diffuser) plate, the 5035SD sprinkler ensures your crops get the right amount of water.

Crafted from high-impact and heavy-duty plastic materials, the 5035 SD Sprinkler guarantees resistance to corrosion, chemicals, and UV radiation, ensuring durability even in challenging environments.



PRICE LIST

5035 SD

Product Number	NDJ Product Number	Description	Nozzle
101087674	51535021	5035SD with 3.5mm nozzle (black SD)	Blue
101085660	51535031	5035SD with 4.0mm nozzle (black SD)	Black
101087677	51535041	5035SD with 4.5mm nozzle (black SD)	Brown
101085661	51535051	5035SD with 5.0mm nozzle (black SD)	Purple
101085662	51535061	5035SD with 5.5mm nozzle (black SD)	Orange
101087680	51535071	5035SD with 6.0mm nozzle (black SD)	Red
101084779	51535121	5035SD with 3.5 x 2.5mm nozzle (blue SD)	Blue/Grey
101084780	51535131	5035SD with 4.0 x 2.5mm nozzle (blue SD)	Black/Grey
101084781	51535141	5035SD with 4.5 x 2.5mm nozzle (blue SD)	Brown/Grey
101080547	51535151	5035SD with 5.0 x 2.5mm nozzle (blue SD)	Purple/Grey
101084783	51535161	5035SD with 5.5 x 2.5mm nozzle (blue SD)	Orange/Grey
101084784	51535171	5035SD with 6.0 x 2.5mm nozzle (blue SD)	Red/Grey



5035 SD PC

Product Number	NDJ Product Number	Description	Nozzle
101084785	51536021	5035SD PC with 3.5mm nozzle	Blue
101084786	51536031	5035SD PC with 4.0mm nozzle	Black
101085663	51536041	5035SD PC with 4.5mm nozzle	Brown
101084788	51536051	5035SD PC with 5.0mm nozzle	Purple



PERFORMANCE TABLE

5035 SD Dual Nozzle, Blue Short SD

Precipitation rates (mm/hr) and uniformity (CU) at various spacings

Sleeve	Nozzle (mm)	P (bar)	Q (m³/h)	D (m)	Spacing (m)						
					12x12	12x15	12x18	15x15	15x18	18x18	20x20
Red	3.5x2.5L Blue	3.0	1.240	27.2	8.6	6.9	5.7	5.5	4.6	3.8	3.1
		4.0	1.430	27.2	9.9	7.9	6.6	6.4	5.3	4.4	3.6
		5.0	1.620	27.2	11.3	9.0	7.5	7.2	6.0	5.0	4.1
	4.0x2.5L Black	3.0	1.490	28.0	10.3	8.3	6.9	6.6	5.5	4.6	3.7
		4.0	1.740	29.0	12.1	9.7	8.1	7.7	6.4	5.4	4.4
		5.0	1.950	29.2	13.5	10.8	9.0	8.7	7.2	6.0	4.9
Black	4.5x2.5L Brown	3.0	1.790	29.7	12.4	9.9	8.3	8.0	6.6	5.5	4.5
		4.0	2.070	30.2	14.4	11.5	9.6	9.2	7.7	6.4	5.2
		5.0	2.320	32.2	16.1	12.9	10.7	10.3	8.6	7.2	5.8
	5.0x2.5L Purple	3.0	2.110	31.5	14.7	11.7	9.8	9.4	7.8	6.5	5.3
		4.0	2.400	33.2	16.7	13.3	11.1	10.7	8.9	7.4	6.0
		5.0	2.690	35.2	16.7	14.9	12.5	12.0	10.0	8.3	6.7
	5.5x2.5L Orange	3.0	2.390	32.2	16.6	13.3	11.1	10.6	8.9	7.4	6.0
		4.0	2.760	34.2	19.2	15.3	12.8	12.3	10.2	8.5	6.9
		5.0	3.090	35.0	21.5	17.2	14.3	13.7	11.4	9.5	7.7
	6.0x2.5L Red	3.0	2.700	34.2	18.8	15.0	12.5	12.0	10.0	8.3	6.8
		4.0	3.160	36.0	21.9	17.6	14.6	14.0	11.7	9.8	7.9
		5.0	3.540	34.0	24.6	19.7	16.4	15.7	13.1	10.9	8.9

Colour Code Distribution Uniformity			
CU>92%	CU=89-92%	CU=85-88%	CU<85%

Performance table prepared under laboratory conditions
For windy conditions use closer spacing

5035 SD Single Nozzle, Black Long SD

Precipitation rates (mm/hr) and uniformity (CU) at various spacings

Sleeve	Nozzle (mm)	P (bar)	Q (m³/h)	D (m)	Spacing (m)						
					12x12	12x15	12x18	15x15	15x18	18x18	20x20
Red	3.5 Blue	2.5	0.720	24.0	5.0	4.0	3.3	3.2			
		3.0	0.790	24.0	5.5	4.4	3.7	3.5			
		4.0	0.910	25.0	6.3	5.1	4.2	4.0	3.4		
		5.0	1.040	25.0	7.2	5.8	4.8	4.6	3.9		
	4.0 Black	2.5	0.950	26.0	6.6	5.3	4.4	4.2	3.5		
		3.0	1.040	26.0	7.2	5.8	4.8	4.6	3.9		
		4.0	1.200	26.0	8.3	6.7	5.6	5.3	4.4	3.7	
		5.0	1.350	28.0	9.4	7.5	6.3	6.0	5.0	4.2	
Black	4.5 Brown	2.5	1.210	28.0	8.4	6.7	5.6	5.4	4.5		
		3.0	1.320	28.0	9.2	7.3	6.1	5.9	4.9	4.1	
		4.0	1.540	29.0	10.7	8.5	7.1	6.8	5.7	4.7	
		5.0	1.710	30.0	11.9	9.5	7.9	7.6	6.3	5.3	
	5.0 Purple	2.5	1.460	29.0	10.1	8.1	6.8	6.5	5.4	4.5	
		3.0	1.610	29.0	11.2	8.9	7.5	7.2	6.0	5.0	4.0
		4.0	1.870	31.0	13.0	10.4	8.7	8.3	6.9	5.8	4.7
		5.0	2.100	32.0	14.6	11.7	9.7	9.3	7.8	6.5	5.3
	5.5 Orange	2.5	1.760	30.0	12.2	9.8	8.1	7.8	6.5	5.4	4.4
		3.0	1.930	31.0	13.4	10.7	8.9	8.6	7.1	6.0	4.8
		4.0	2.230	34.0	15.5	12.4	10.3	9.9	8.3	6.9	5.6
		5.0	2.490	35.0	17.3	13.8	11.5	11.1	9.2	7.7	6.2
	6.0 Red	2.5	2.060	30.0	14.3	11.4	9.5	9.2	7.6	6.4	5.2
		3.0	2.260	32.0	15.7	12.6	10.5	10.0	8.4	7.0	5.7
		4.0	2.620	34.0	18.2	14.6	12.1	11.6	9.7	8.1	6.6
		5.0	2.940	36.0	20.4	16.3	13.6	13.1	10.9	9.1	7.4

Rear nozzle color : 2.5L - grey,
Do not change nozzles from Red sleeve group to Black sleeve group or vice versa.

For single nozzle or dual nozzle sprinkler be sure you're using the recommended SD unit (appears above the performance table)

PERFORMANCE TABLE

5035 SD PC

Nozzle (mm)	P (bar)	Q (m ³ /h)	D (m)
3.5* Blue	2.5	0.720	26
	3.0	0.790	27
	4.0	0.910	27
	5.0	1.020	28
4.0 Black	2.5	0.950	27
	3.0	1.040	28
	4.0	1.200	28
	5.0	1.350	29
4.5 Brown	2.5	1.210	28
	3.0	1.320	30
	4.0	1.540	31
	5.0	1.710	32
5.0 Purple	2.5	1.460	30
	3.0	1.610	31
	4.0	1.870	33
	5.0	2.100	34

*Standard nozzle

Performance table prepared under laboratory conditions

For windy conditions use closer spacing





Product advantages:

- Unique hammer combined with SD (super diffuser) plate - designed for uniform distribution with single or dual nozzles
- High resistance to wind
- High-impact, heavy-duty plastic materials provide resistance to corrosion, chemicals and UV radiation

PRICE LIST

5035 G

Product Number	NDJ Product Number	Description	Nozzle
101094203	5153570	5035G with 6.5mm nozzle	Grey
101094204	5153571	5035G with 7.0mm nozzle	Green
101087510	5153572	5035G with 6.5 x 2.5mm nozzle	Grey/Grey
101094205	5153574	5035G with 6.5 x 3.2mm nozzle	Grey/Orange
101094206	5153573	5035G with 7.0 x 2.5mm nozzle	Green/Grey
101085626	5153575	5035G with 7.0 x 3.2mm nozzle	Green/Orange



PERFORMANCE TABLE

5035-G-1"

Precipitation rates (mm/hr) and uniformity (CU) at various spacings

Nozzle (mm)	P (bar)	Q (m³/h)	D (m)	Spacing (m)			
				12x18	18x18	20x20	22x22
6.5x2.5L Grey	3.0	3.070	34.0	14.2	9.5	7.7	6.2
	4.0	3.550	36.5	16.4	11.0	8.9	7.1
	5.0	3.970	37.0	18.4	12.3	9.9	8.0
6.5x3.2 Grey	3.0	3.200	35.0	14.8	9.9	8.0	6.6
	4.0	3.700	37.0	17.1	11.4	9.3	7.6
	5.0	4.150	36.0	19.2	12.8	10.4	8.6
7.0x2.5L Green	3.0	3.450	35.0	16.0	10.6	8.6	7.0
	4.0	3.970	38.5	18.4	12.3	9.9	8.1
	5.0	4.390	37.0	20.3	13.5	11.0	9.0
7.0x3.2 Green	3.0	3.550	35.0	16.4	11.0	8.9	7.3
	4.0	4.100	37.0	19.0	12.7	10.3	8.5
	5.0	4.600	35.0	21.3	14.2	11.5	9.5

Rear nozzle colour : 2.5L - grey; 3.2 mm - orange

Colour Code Distribution Uniformity			
CU>92%	CU=89-92%	CU=85-88%	CU<85%

Performance table prepared under laboratory conditions
For windy conditions use closer spacing

PRICE LIST

5035, 5035SD, 5035SD-PC, 5035G

Product Number	NDJ Product Number	Description	Sleeve
101087319	585351	3.5mm Blue	Red
101080809	585401	4.0mm Black	
101080811	585451	4.5mm Brown	Black
101029601	585501	5.0mm Purple	
101085605	585551	5.5mm Orange	
101085606	585601	6.0mm Red	
101094105	585651	6.5mm Grey	
101087322	585701	7.0mm Green	
101068035	583253	2.5mm Grey (Rear)	
101087318	583321	3.2mm Orange (Rear)	
101086805	582001	Blank (Rear)	
101087578	5196325	Nozzle Wrench	



Warning: Do not swap nozzles between red sleeve and black sleeve sprinklers
If in doubt please contact your local Rivulis Representative or Customer Service



Product advantages:

- General field use for solid set or hand shift irrigation systems
- Bush fire suppression systems
- The JI-1 sprinkler uses 3.5, 4.0 and 4.5mm main nozzles
- Brass threaded nozzles
- Durable metal construction

PRICE LIST

JI-1

Product Number	NDJ Product Number	Description
AU35001	J67302J1030	JI-1 with 3.5mm nozzle
101098185	J67302J1029	JI-1 with 4.0mm nozzle
AU45002	J67302J1031	JI-1 with 4.5mm nozzle
101098186	J67302J1032	JI-1 with 3.5 x 2.5mm nozzles
AU40003	J67302J1037	JI-1 with 4.0 x 2.5mm nozzles
101098187	J67302J1033	JI-1 with 4.5 x 2.5mm nozzles



PERFORMANCE TABLE

Nozzle (mm)	P (bar)	Q (m³/h)	D (m)
3.5	2.0	616	23
	3.0	756	24
4.0	2.0	806	23
	3.0	987	24
4.5	2.0	1,020	23
	3.0	1,248	25
3.5 x 2.5	2.0	1,212	23
	3.0	1,248	24
4.0 x 2.5	2.0	1,212	23
	3.0	1,482	24
4.5 x 2.5	2.0	1,422	23
	3.0	1,740	25



Product advantages:

- Specifically designed for use around field edges and headlands, also an excellent, heavy-duty, landscape irrigation sprinkler.
- Often used in bush fire suppression systems.
- Can be used as a part circle or full circle sprinkler simply by flicking up the trip spring
- Special hammer ensures water stays within boundaries
- Heavy-duty metal construction for enhanced sprinkler life

PRICE LIST

423 AG

Product Number	NDJ Product Number	Description	Nozzle
101094254	5142232	423AG with 3.2mm nozzle	Green
101094255	5142235	423AG with 3.5mm nozzle	Blue
101094256	5142240	423AG with 4.0mm nozzle	Black



423 AG Nozzles

Product Number	NDJ Product Number	Description
101087302	570321	3.2 mm Green
101087303	570351	3.5mm Blue
101087304	570401	4.0mm Black



PERFORMANCE TABLE

Nozzle (mm)	P (bar)	Q (m³/h)	D (m)
3.2 Green	2.0	570	23
	3.0	700	25
	4.0	810	26
3.5 Blue	2.0	660	24
	3.0	810	26
	4.0	930	27
4.0 Black	2.0	850	25
	3.0	1,003	27
	4.0	1,180	28



Product advantages:

- High water distribution
- Easy service
- Durability for optimal performance
- Sand and dust protection sleeve
- Red cap completely seals and protects drive spring from frost damage



PRICE LIST

233B | Male Base

Product Number	NDJ Product Number	Description	Nozzle
101087487	5124640*	233B with 3.5mm nozzle	Blue
101087488	5124642*	233B with 4.0mm nozzle	Black
101087489	5124644*	233B with 4.5mm nozzle	Brown
101087490	5124646	233B with 5.0mm nozzle	Purple
101094257	5124648	233B with 5.5mm nozzle	Orange
101094258	5124650	233B with 6.0mm nozzle	Red
101094259	5124654*	233B with 3.5 x 2.5mm nozzles	Blue/Grey
101087491	5124656*	233B with 4.0 x 2.5mm nozzles	Black /Grey
101087492	5124658*	233B with 4.5 x 2.5mm nozzles	Brown/Grey
101087493	5124660	233B with 5.0 x 2.5mm nozzles	Purple/Grey
101087494	5124662	233B with 5.5 x 2.5mm nozzles	Orange/Grey
101080497	5124664	233B with 6.0 x 2.5mm nozzles	Red/Grey



*Red Sleeve

PRICE LIST

233B | Female Base

Product Number	NDJ Product Number	Description	Nozzle
101087478	5124610*	233B with 3.5mm nozzle	Blue
101087479	5124612*	233B with 4.0mm nozzle	Black
101087480	5124614*	233B with 4.5mm nozzle	Brown
101087481	5124616	233B with 5.0mm nozzle	Purple
101094260	5124618	233B with 5.5mm nozzle	Orange
101094261	5124620	233B with 6.0mm nozzle	Red
101094262	5124624*	233B with 3.5x 2.5mm nozzles	Blue/Grey
101087482	5124626*	233B with 4.0 x 2.5mm nozzles	Black /Grey
101087483	5124628*	233B with 4.5 x 2.5mm nozzles	Brown/Grey
101086970	5124630	233B with 5.0 x 2.5mm nozzles	Purple/Grey
101087484	5124632	233B with 5.5 x 2.5mm nozzles	Orange/Grey
101087485	5124634	233B with 6.0 x 2.5mm nozzles	Red/Grey

*Red Sleeve

233 PC

Product Number	NDJ Product Number	Description	Nozzle
101086969	5123540	233B-PC with 4.0mm nozzle	Black
101087476	5123545	233B-PC with 4.5mm nozzle	Brown
101087477	5123550	233B-PC with 5.0mm nozzle	Purple



PERFORMANCE TABLE

233

Precipitation rates (mm/hr) and uniformity (CU) at various spacings

Sleeve	Nozzle (mm)	P (bar)	Q (m³/h)	D (m)	Spacing (m)							
					12x12	12x15	12x18	15x15	15x18	18x18	18x20	20x20
Red	3.5x2.5L Blue	3.0	1.240	27.0	8.6	6.9	5.7	5.5	4.6	3.8		
		4.0	1.430	29.0	9.9	7.9	6.6	6.4	5.3	4.4		
		5.0	1.620	29.0	11.3	9.0	7.5	7.2	6.0	5.0		
	4.0*x2.5L Black	3.0	1.490	29.0	10.3	8.3	6.9	6.6	5.5	4.6		
		4.0	1.740	29.0	12.1	9.7	8.1	7.7	6.4	5.4		
		5.0	1.950	29.0	13.5	10.8	9.0	8.7	7.2	6.0		
	4.5x2.5L Brown	3.0	1.790	30.0	12.4	9.9	8.3	8.0	6.6	5.5	5.0	
		4.0	2.070	31.0	14.4	11.5	9.6	9.2	7.7	6.4	5.8	
		5.0	2.320	32.0	16.1	12.9	10.7	10.3	8.6	7.2	6.4	
Black	5.0x2.5L Purple	3.0	2.110	32.0	14.7	11.7	9.8	9.4	7.8	6.5	5.9	5.3
		4.0	2.400	34.0	16.7	13.3	11.1	10.7	8.9	7.4	6.7	6.0
		5.0	2.690	35.0	18.7	14.9	12.5	12.0	10.0	8.3	7.5	6.7
	5.5x2.5L Orange	3.0	2.390	34.0	16.6	13.3	11.1	10.6	8.9	7.4	6.6	6.0
		4.0	2.760	37.0	19.2	15.3	12.8	12.3	10.2	8.5	7.7	6.9
		5.0	3.090	39.0	21.5	17.2	14.3	13.7	11.4	9.5	8.6	7.7
	6.0x2.5L Red	3.0	2.700	37.0	18.8	15.0	12.5	12.0	10.0	8.3	7.5	6.8
		4.0	3.160	37.0	21.9	17.6	14.6	14.0	11.7	9.8	8.8	7.9
		5.0	3.540	40.0	24.6	19.7	16.4	15.7	13.1	10.9	9.8	8.9

Colour Code Distribution Uniformity			
CU>92%	CU=89-92%	CU=85-88%	CU<85%

Performance table prepared under laboratory conditions
For windy conditions use closer spacing

233B

Sleeve	Nozzle (mm)	P (bar)	Q (m³/h)	D (m)
Red	3.5 Blue	3.0	0.790	27
		4.0	0.910	28
		5.0	1.020	29
	4.0* Black	3.0	1.040	29
		4.0	1.200	29
		5.0	1.350	29
	4.5 Brown	3.0	1.320	30
		4.0	1.540	32
		5.0	1.710	33
Black	5.0 Purple	3.0	1.610	33
		4.0	1.870	35
		5.0	2.100	37
	5.5 Orange	3.0	1.930	36
		4.0	2.230	38
		5.0	2.490	38
	6.0 Red	3.0	2.260	36
		4.0	2.620	38
		5.0	2.940	41

233B PC

Nozzle (mm)	P (bar)	Q (m³/h)	D (m)
4.0 Black	3.0	1.040	28.0
	4.0	1.200	29.0
	5.0	1.350	29.0
4.5 Brown	3.0	1.320	31.0
	4.0	1.540	32.0
	5.0	1.710	32.0
5.0 Purple	3.0	1.610	33.0
	4.0	1.870	34.0
	5.0	2.100	35.0

*Standard nozzle

Do not change nozzles from "Red" Sleeve" group to "Black Sleeve" Group or vice versa.



Product advantages:

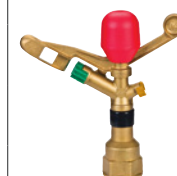
The 234, a 1" female metal impact sprinkler, is suitable for overhead irrigation, and can be used with solid-set, mechanized, or moveable systems. It features high water distribution with spacing capabilities up to 24 meters and its color-coded bayonet nozzles simplify maintenance.



PRICE LIST

234 | Female Base

Product Number	NDJ Product Number	Description	Nozzle
101094680	5124550	234 with 5.0mm nozzle	Purple
101094681	5124555	234 with 5.5mm nozzle	Orange
101098249	5124560	234 with 6.0mm nozzle	Red
101094682	5124565	234 with 6.5mm nozzle	Grey
101094683	5124570	234 with 7.0mm nozzle	Green
101094264	5124450	234 with 5.0 x 3.2mm nozzles	Purple/Orange
101094265	5124455	234 with 5.5 x 3.2mm nozzles	Orange/Orange
101094266	5124460	234 with 6.0 x 3.2mm nozzles	Red/Orange
101086885	5124465	234 with 6.5 x 3.2mm nozzles	Grey/Orange
101094267	5124470	234 with 7.0 x 3.2mm nozzles	Green/Orange



234 PC

Product Number	NDJ Product Number	Description	Nozzle
AU23401	5123640	234-PC with 4.0mm nozzle	Black
AU23402	5123645	234-PC with 4.5mm nozzle	Brown
101103800	5123650	234-PC with 5.0mm nozzle	Purple



PERFORMANCE TABLE

234 Dual Nozzle

Precipitation rates (mm/hr) and uniformity (CU) at various spacings

Nozzles mm	P (bar)	Q (m ³ /h)	D (m)	Spacing (m)			
				18x18	20x20	20x24	24x24
5.0x3.2 Purple	3.0	2.210	32	6.8	5.5		
	4.0	2.530	34	7.9	6.4		
	5.0	2.840	35	8.8	7.2		
5.5x3.2 Orange	3.0	2.500	34	7.7	6.2	5.2	4.3
	4.0	2.900	37	8.9	7.2	6.0	5.0
	5.0	3.250	39	10.0	8.1	6.8	5.6
6.0x3.2 Red	3.0	2.810	37	8.8	7.1	5.9	4.9
	4.0	3.300	37	10.1	8.2	6.8	5.7
	5.0	3.700	40	11.3	9.1	7.6	6.3
6.5x3.2 Grey	3.0	3.200	38	8.8	7.1	5.9	4.9
	4.0	3.700	40	10.1	8.2	6.8	5.7
	5.0	4.150	41	11.3	9.1	7.6	6.3
7.0x3.2 Green	3.0	3.550	38	11.0	8.9	7.4	6.2
	4.0	4.100	41	12.7	10.3	8.5	7.1
	5.0	4.600	43	14.2	11.5	9.6	8.0

Colour Code Distribution Uniformity			
CU>92%	CU=89-92%	CU=85-88%	CU<85%

Performance table prepared under laboratory conditions
For windy conditions use closer spacing

Rear nozzle color : 3.2mm - orange

234

Nozzle (mm)	P (bar)	Q (m ³ /h)	D (m)
5.0 x 3.2 Purple	3.0	2,210	32
	4.0	2,530	34
	5.0	2,840	35
5.5 x 3.2 Orange	3.0	2,500	34
	4.0	2,900	37
	5.0	3,250	39
6.0 x 3.2 Red	3.0	2,810	37
	4.0	3,300	37
	5.0	3,700	40
6.5 x 3.2 Grey	3.0	3,190	38
	4.0	3,700	40
	5.0	4,150	41
7.0 x 3.2 Green	3.0	3,550	38
	4.0	4,100	41
	5.0	4,600	43

234 PC

Nozzle (mm)	P (bar)	Q (m ³ /h)	D (m)
4.0 Black	3.0	1,040	28
	4.0	1,200	29
	5.0	1,350	29
4.5 Brown	3.0	1,320	31
	4.0	1,540	32
	5.0	1,710	32
5.0 Purple	3.0	1,610	33
	4.0	1,870	34
	5.0	2,100	35

PRICE LIST

233B, 233B-PC, 234

Product Number	NDJ Product Number	Description	Sleeve
201016386	585355	3.5mm Blue	Red
201016387	585405	4.0mm Black	
201016388	585455	4.5mm Brown	
201016389	585505	5.0mm Purple	Black
201016390	585555	5.5mm Orange	
201016391	585605	6.0mm Red	
201016392	585655	6.5mm Grey	
101087323	585705	7.0mm Green	
201016385	583255	2.5mm Grey (Rear)	
201016626	583325	3.2mm Orange (Rear)	
201016384	582005	Blank (Rear)	
101087293	491001	Vane for Main Nozzle	
101087284	475211	O-ring only main nozzle	
101087283	475201	O-ring only rear nozzle	
101087578	5196325	Nozzle wrench	



* 233B and 234 nozzles come supplied complete with an O ring

Warning: Do not swap nozzles between red sleeve and black sleeve sprinklers

If in doubt please contact your local Rivulis Representative or Customer Service

K1-260

1¼" FEMALE BASE, METAL SPRINKLER



Product advantages:

- Exceptional water distribution, slow rotation, and adaptability for field edges
- High water distribution
- Lightweight and easy to handle
- Specifically designed for irrigation of field edges

PRICE LIST

K1-260

Product Number	NDJ Product Number	Description
AU26001	5129450	K1-260 full circle with 8mm nozzle
101087495	5129460	K1-260 full circle with 9mm nozzle
AU26002	5129400	K1-260 full circle with 10mm nozzle
AU26003	5129410	K1-260 full circle with 12mm nozzle



K1-260 PC

Product Number	NDJ Product Number	Description
AU26004	5129455	K1-260 part circle with 8mm nozzle
101094686	5129465	K1-260 part circle with 9mm nozzle
AU26005	5129405	K1-260 part circle with 10mm nozzle
AU26006	5129415	K1-260 part circle with 12mm nozzle



PERFORMANCE TABLE

Nozzle (mm)	P (bar)	Q (m³/h)	D (m)
8.0	1.5	2.9	31
	2.0	3.4	34
	3.0	4.1	38
	4.0	4.8	41
9.0*	1.5	3.7	33
	2.0	4.2	35
	3.0	5.2	39
	4.0	6.0	42

Nozzle (mm)	P (bar)	Q (m³/h)	D (m)
10.0	1.5	4.5	34
	2.0	5.3	36
	3.0	6.4	41
	4.0	7.4	44
12.0	1.5	6.6	34
	2.0	7.6	38
	3.0	9.3	42
	4.0	10.7	47

*Standard nozzle

Performance table prepared under laboratory conditions. For windy conditions use closer spacing

AMBO 270

1½" FEMALE BASE METAL SPRINKLER



Product advantages:

- Exceptional water distribution, slow rotation, and adaptability for field edges
- High water distribution
- Lightweight and easy to handle
- Specifically designed for irrigation of field edges



PRICE LIST

Ambo 270

Product Number	NDJ Product Number	Description
AU27001	5129518	Ambo 270 full circle with 8 x 7mm nozzles
AU27002	5129519	Ambo 270 full circle with 10 x 7mm nozzles
101097048	5129520	Ambo 270 full circle with 12 x 7mm nozzles
AU27003	5129521	Ambo 270 full circle with 14 x 7mm nozzles
AU27004	5129522	Ambo 270 full circle with 16 x 7mm nozzles



Ambo 270 PC

Product Number	NDJ Product Number	Description
AU27004	5129523	Ambo 270 part circle with 8 x 7mm nozzles
AU27005	5129524	Ambo 270 part circle with 10 x 7mm nozzles
101097049	5129525	Ambo 270 part circle with 12 x 7mm nozzles
AU27006	5129526	Ambo 270 part circle with 14 x 7mm nozzles
AU27007	5129527	Ambo 270 part circle with 16 x 7mm nozzles



PERFORMANCE TABLE

Nozzle (mm)	P (bar)	Q (m³/h)	D (m)
8.0 x 7.0	1.5	5.1	32
	2	5.9	35
	3	7.2	39
	4	8.4	42
10.0 x 7.0	2	7.8	36
	3	9.5	42
	4	11	46
	5	12.4	49
12.0 x 7.0	2	10.1	39
	3	12.4	44
	4	14.3	50
	5	16.1	55

Nozzle (mm)	P (bar)	Q (m³/h)	D (m)
14.0 x 7.0	2	12.9	41
	3	15.8	47
	4	18.3	52
	5	20.5	57
	5	20.5	57
16.0 x 7.0	2	16	42
	3	19.6	48
	4	22.7	53
	5	24.8	58
	5	24.8	58



Product advantages:

- Exceptional water distribution, slow rotation, and adaptability for field edges
- High water distribution
- Lightweight and easy to handle
- Specifically designed for irrigation of field edges



PRICE LIST

Duplex 280

Product Number	NDJ Product Number	Description
AU28001	5129112	Duplex 280 with 12 x 8.0mm nozzles
AU28002	5129114	Duplex 280 with 14 x 8.0mm nozzles
101054860	5129116	Duplex 280 with 16 x 8.0mm nozzles
AU28003	5129118	Duplex 280 with 18 x 8.0mm nozzles
AU28004	5129120	Duplex 280 with 20 x 8.0mm nozzles
AU28005	5129122	Duplex 280 with 22 x 8.0mm nozzles



Duplex 280 PC

Product Number	NDJ Product Number	Description
AU28006	5129012	Duplex 280 with 12 x 8.0mm nozzles
AU28007	5129014	Duplex 280 with 14 x 8.0mm nozzles
101029540	5129016	Duplex 280 with 16 x 8.0mm nozzles
AU28008	5129018	Duplex 280 with 18 x 8.0mm nozzles
AU28009	5129020	Duplex 280 with 20 x 8.0mm nozzles
AU28010	5129022	Duplex 280 with 22 x 8.0mm nozzles



PERFORMANCE TABLE

Nozzle (mm)	P (bar)	Q (m³/h)	D (m)
12.0 x 8.0	3	13.4	54
	4	15.5	60
	5	17.3	65
14.0 x 8.0	3	16.8	58
	4	19.5	64
	5	21.8	68
16.0 x 8.0	3	20.6	62
	4	23.9	68
	5	26.7	74

Nozzle (mm)	P (bar)	Q (m³/h)	D (m)
18.0 x 8.0	3	26	66
	4	30.3	72
	5	33.6	80
20.0 x 8.0	3	31.2	68
	4	36.3	76
	5	39.4	86
22.0 x 8.0	3	35.4	69
	4	40.9	78
	5	45.9	88

Sprinklers

Rivulis offer a wide range of sprinklers that deliver performance season after season with great yields, consistent quality and crop production efficiencies.

Our solutions range of sprinklers for open field vegetable, orchard production and protect crops delivers a precise irrigation with excellent water distribution uniformity.

Quick Reference Guide

	Description	Mamkad 16	Mamkad 16 LA	Super 10	Super 10 LA	Magic Drive	Magic Drive LA
Field Crops	Overhead irrigation	✓		✓		✓	
Orchards	Under canopy irrigation		✓		✓		✓
	Under canopy frost protection		✓		✓		✓
	Overhead frost protection	✓		✓			✓
							

501 Sprinkler



501

The 501 sprinkler is available subject to minimum orders quantities.

These sprinklers are not held as a stock item in Australia.

They can be imported from Israel or India. **Extended lead times will apply.**

Please talk to Customer Service or your District Sales Manager for more details



Product advantages:

- Compact, sturdy closed protected ball engine
- Extra-strong plastic compounds and ceramic washers reduce wear and tear
- Ideal for vegetables, flowers, nurseries and greenhouses



PRICE LIST

Mamkad 16

Product Number	NDJ Product Number	Description	Nozzle
101029543	347343	Mamkad sprinkler, non regulated, 135 lph	Blue
101080837	347346	Mamkad sprinkler, non regulated, 180 lph	Yellow
101080835	347344	Mamkad sprinkler, non regulated, 225 lph	Violet
101080839	347348	Mamkad sprinkler, non regulated, 270 lph	Black
101080841	347443	Mamkad sprinkler, regulated, 135 lph	Blue
101080844	347446	Mamkad sprinkler, regulated, 180 lph	Yellow
101080842	347444	Mamkad sprinkler, regulated, 225 lph	Violet
101080846	347448	Mamkad sprinkler, regulated, 270 lph	Black



Mamkad 16 Low angle

Product Number	NDJ Product Number	Description	Nozzle
101080836	347345	Mamkad sprinkler, LA, non regulated, 180 lph	Orange
101080838	347347	Mamkad sprinkler, LA, non regulated, 225 lph	Red
101080843	347445	Mamkad sprinkler, LA, regulated, 180 lph	Orange
101080845	347447	Mamkad sprinkler, LA, regulated, 225 lph	Red



PERFORMANCE TABLE

Precipitation rates (mm/hr) and uniformity (CU) at various spacings

Nozzle	P (bar)	Q (l/h)	D (m)	Spacing (m)					
				6x6	6x7	7x7	7x8	8x8	8x9
Blue	2.0	135	14	3.8	3.2	2.8	2.4	2.1	
	2.5	151	14	4.1	3.5	3.0	2.7	2.3	
	3.0	165	14	4.6	3.9	3.4	2.9	2.6	
	3.5	178	13	5.0	4.3	3.7	3.2	2.8	
	4.0	192	13	5.3	4.5	3.9	3.4	3.0	
F.R.	2.5-5.0	135	13	3.6	3.1	2.7	2.3	2.0	
Yellow	2.0	180	15	4.8	4.1	3.5	3.1	2.7	
	2.5	201	14	5.6	4.8	4.1	3.6	3.1	
	3.0	220	14	6.1	5.2	4.5	3.9	3.4	
	3.5	238	14	6.7	5.7	4.9	4.3	3.7	
	4.0	255	14	7.0	6.0	5.1	4.5	3.9	
F.R.	2.5-5.0	180	14	5.0	4.3	3.7	3.2	2.8	
Violet	2.0	225	15	6.2	5.3	4.6	4.0	3.5	3.1
	2.5	252	15	7.0	6.0	5.1	4.5	3.9	3.5
	3.0	275	15	7.6	6.5	5.6	4.9	4.3	3.8
	3.5	297	15	8.3	7.1	6.1	5.3	4.6	4.1
	4.0	320	15	8.9	7.6	6.5	5.7	5.0	4.4
F.R.	2.5-5.0	225	15	6.1	5.3	4.5	3.9	3.4	3.1
Black	2.0	270	16	7.4	6.4	5.4	4.8	4.2	3.7
	2.5	302	16	8.4	7.2	6.2	5.4	4.7	4.2
	3.0	330	16	9.2	7.9	6.7	5.9	5.2	4.6
	3.5	356	16	9.9	8.5	7.3	6.4	5.6	5.0
	4.0	383	16	10.6	9.1	7.8	6.8	6.0	5.3
F.R.	2.5-5.0	270	16	7.4	6.3	5.4	4.7	4.1	3.7

Colour Code Distribution Uniformity			
CU>92%	CU=89-92%	CU=85-88%	CU<85%

Performance table prepared under laboratory conditions
For windy conditions use closer spacing

Tested at 60 cm height

Mamkad 16 Low angle

	Nozzle	P (bar)	Q (l/h)	D (m)	MSH (cm)
Low Angle	Orange	2.0	180	13	60
		3.0	220	13	60
		4.0	255	13	60
	F.R.	2.5-5.0	180	13	60
	Red	2.0	225	13	65
		3.0	275	13	65
		4.0	320	13	65
	F.R.	2.5-5.0	225	13	65

MSH = max. stream height (above nozzle)



Product advantages:

- Uniform water distribution with low precipitation rate
- Flow regulation option
- Extra-strong plastic compounds and ceramic washers reduce wear and tear



PRICE LIST

Super 10 25°

Product Number	NDJ Product Number	Description	Nozzle
101080737	335440	Super 10 sprinkler, non regulated, 320 lph	Brown*
101051525	335443	Super 10 sprinkler, non regulated, 360 lph	Blue
101065644	335446	Super 10 sprinkler, non regulated, 450 lph	Yellow
101080738	335442	Super 10 sprinkler, non regulated, 550 lph	Green
101080739	335447	Super 10 sprinkler, non regulated, 670 lph	Red
AU85010	335448	Super 10 sprinkler, non regulated, 850 lph	Black
101087268	336440	Super 10 sprinkler, regulated, 320 lph	Brown
101080749	336443	Super 10 sprinkler, regulated, 360 lph	Blue
101080750	336446	Super 10 sprinkler, regulated, 450 lph	Yellow
101080748	336442	Super 10 sprinkler, regulated, 550 lph	Green
101080751	336447	Super 10 sprinkler, regulated, 670 lph	Red
AU85020	336448	Super 10 sprinkler, regulated, 850 lph	Black

*Super 10, Brown nozzle, 320 lph for road combination only



Super 10 LA 14°

Product Number	NDJ Product Number	Description	Nozzle
101080741	335744	Super 10 sprinkler, 14° non regulated, 360 lph	Violet
101080742	335746	Super 10 sprinkler, 14° non regulated, 450 lph	Yellow
101080740	335742	Super 10 sprinkler, 14° non regulated, 550 lph	Green
101080743	335747	Super 10 sprinkler, 14° non regulated, 670 lph	Red
101080753	336744	Super 10 sprinkler, 14° regulated, 360 lph	Violet
101080754	336746	Super 10 sprinkler, 14° regulated, 450 lph	Yellow
101080752	336742	Super 10 sprinkler, 14° regulated, 550 lph	Green
AU67010	336747	Super 10 sprinkler, 14° regulated, 670 lph	Red



PRICE LIST

Super 10 LA 10°

Product Number	NDJ Product Number	Description	Nozzle
AU36010	335343	Super 10 sprinkler, 10° non regulated, 360 lph	Violet
101080735	335346	Super 10 sprinkler, 10° non regulated, 450 lph	Yellow
101080732	335342	Super 10 sprinkler, 10° non regulated, 550 lph	Green
101080736	335347	Super 10 sprinkler, 10° non regulated, 670 lph	Red
AU45010	336343	Super 10 sprinkler, 10° regulated, 360 lph	Violet
101080746	336346	Super 10 sprinkler, 10° regulated, 450 lph	Yellow
101080744	336342	Super 10 sprinkler, 10° regulated, 550 lph	Green
101080747	336347	Super 10 sprinkler, 10° regulated, 670 lph	Red



PERFORMANCE TABLE

Super 10 LA (Low Angle)

Nozzle	P (bar) Q (l/h)		Super 10 Low angle 10° Blue nozzle body		Super 10 Low angle 14° Red nozzle body	
			D (m)	MSH (cm)	D (m)	MSH (cm)
Violet	2.5	360	15.5	60	17.5	90
	3.0	395	16	62	18	99
	3.5	425	16	64	18	111
	4.0	455	16	68	18	114
F.R.	3.0-5.0	360	15.5	60	17.5	90
Yellow	2.5	450	16.5	50	17.5	100
	3.0	495	16.5	55	18	105
	3.5	530	17	60	18	110
	4.0	570	16.5	65	17.5	115
F.R.	3.0-5.0	450	16.5	50	18.5	100
Green	2.5	550	16	55	16	105
	3.0	600	16.5	60	17.5	110
	3.5	650	17	70	18	115
	4.0	695	16.5	80	18.5	120
F.R.	3.0-5.0	550	16.5	60	18	100
Red	2.5	670	16.5	60	18.5	110
	3.0	735	17	65	19	115
	3.5	790	17.5	70	19	120
	4.0	850	17	80	19	125
F.R.	3.0-5.0	670	17	70	19	120

MSH = max. stream height (above nozzle)

Performance table prepared under laboratory conditions

For windy conditions use closer spacing



Product advantages:

- Extended longevity, no wear and tear
- Excellent water distribution uniformity
- Ideal for irrigation and germination of vegetables and field crops, or for overhead cooling in orchards and plantations



Magic Drive 24° model



Magic Drive low-angle model

PRICE LIST

Magic Drive | 1/2" Male Connection | High Angle

Product Number	NDJ Product Number	Description	Flow Rate (l/h)	Angle	Swivel	Diffuser	Nozzel
101094078	5181G42426	Magic Drive 24° Black Swivel Yellow Diffuser Yellow Nozzel	410	24°	Black	Yellow	Yellow
101094079	5181G42428	Magic Drive 24° Black Swivel Yellow Diffuser Green Nozzel	465	24°	Black	Yellow	Green
101080508	5181G52430	Magic Drive 24° Blue Swivel Yellow Diffuser Light Brown Nozzel	545	24°	Blue	Yellow	Light brown
101092778	5181G52432	Magic Drive 24° Blue Swivel Yellow Diffuser Red Nozzel	615	24°	Blue	Yellow	Red

Magic Drive | 1/2" Male Connection | Low Angle

Product Number	NDJ Product Number	Description	Flow Rate (l/h)	Angle	Swivel	Diffuser	Nozzel
101080505	5181G41426	Magic Drive 14° Gold Swivel Yellow Diffuser Yellow Nozzel	410	14°	Gold	Yellow	Yellow
101080506	5181G41428	Magic Drive 14° Gold Swivel Yellow Diffuser Green Nozzel	465	14°	Gold	Yellow	Green
101080507	5181G51430	Magic Drive 14° Light Brown Swivel Yellow Diffuser Light brown Nozzel	545	14°	Light brown	Yellow	Light brown
101094080	5181G51432	Magic Drive 14° Light Brown Swivel Yellow Diffuser Red Nozzel	615	14°	Light brown	Yellow	Red

PERFORMANCE TABLE

Magic Drive -24°

Precipitation rates (mm/hr) and uniformity (CU) at various spacings

Group	Swivel	Diffuser	Nozzle (mm)	P (bar)	Q (m³/h)	D (m)	Spacing (m)					
							9x9	10x10	10x12	12x12	12x14	14x14
G4	Black 24°	Yellow	2.6 Yellow	1.5	0.310	19	3.7	3.1	2.6			
				2.0	0.365	19	4.4	3.7	3.0			
				2.5	0.410	19	5.0	4.1	3.4			
				3.0	0.450	20	5.6	4.5	3.8			
				3.5	0.490	20	6.0	4.9	4.1			
			2.8 Green	1.5	0.360	20	4.3	3.6	3.0	2.5		
				2.0	0.415	20	5.1	4.2	3.5	2.9		
				2.5	0.465	21	5.6	4.7	3.9	3.2		
				3.0	0.510	21	6.2	5.1	4.3	3.5		
				3.5	0.55	21	6.8	5.5	4.6	3.8		
G5	Blue 24°	Yellow	3.0 Light Brown	1.5	0.415	22	5.1	4.2	3.5	2.9	2.5	2.1
				2.0	0.485	23	5.9	4.9	4.0	3.4	2.9	2.5
				2.5	0.545	23	6.7	5.5	4.5	3.8	3.2	2.8
				3.0	0.595	23	7.3	6.0	5.0	4.1	3.5	3.0
				3.5	0.650	22	8.0	6.5	5.4	4.5	3.9	3.3
			3.2 Red	1.5	0.465	21	5.6	4.7	3.9	3.2	2.8	2.4
				2.0	0.545	22	6.6	5.5	4.5	3.8	3.2	2.8
				2.5	0.615	23	7.5	6.2	5.1	4.3	3.7	3.1
				3.0	0.680	23	8.3	6.8	5.7	4.7	4.0	3.5
				3.5	0.730	23	8.9	7.3	6.1	5.1	4.3	3.7

Magic Drive -14°

Precipitation rates (mm/hr) and uniformity (CU) at various spacings

Group	Swivel	Diffuser	Nozzle (mm)	P (bar)	Q (m³/h)	D (m)	MSH (cm)	Spacing (m)			
								9x9	10x10	10x12	12x12
G4	Gold 14°	Yellow	2.6 Yellow	1.5	0.310	18	120-140	3.8	3.1	2.6	2.2
				2.0	0.365	19		4.5	3.7	3.0	2.5
				2.5	0.410	19		5.1	4.1	3.4	2.8
				3.0	0.450	19		5.5	4.5	3.8	3.1
				3.5	0.490	19		6.0	4.9	4.1	3.4
			2.8 Green	1.5	0.360	18	120-140	4.4	3.6	3.0	2.5
				2.0	0.415	19		5.1	4.2	3.5	2.9
				2.5	0.465	20		5.7	4.7	3.9	3.2
				3.0	0.510	20		6.2	5.1	4.3	3.5
				3.5	0.550	20		6.8	5.5	4.6	3.8
G5	Light Brown 14°	Yellow	3.0 Light Brown	1.5	0.415	21	120-150	5.0	4.2	3.5	2.9
				2.0	0.485	22		6.0	4.9	4.0	3.4
				2.5	0.545	22		6.7	5.5	4.5	3.8
				3.0	0.595	23		7.3	6.0	5.0	4.1
				3.5	0.650	23		8.0	6.5	5.4	4.5
			3.2 Red	1.5	0.465	21	130-150	5.6	4.7	3.9	3.2
				2.0	0.545	22		6.8	5.5	4.5	3.8
				2.5	0.615	23		7.7	6.2	5.1	4.3
				3.0	0.680	23		8.4	6.8	5.7	4.7
				3.5	0.730	23		8.9	7.3	6.1	5.1

PRICE LIST

Sprinkler Accessories

Product Number	NDJ Product Number	Description
101048345	492990	½" 60cm Tube Assembly with 9/13 PVC and take-off
AU06001	492996	Stand 52 9/12 PE tube with elbow start x 0.6m
101029448	5196012	Stand 52 ½" 120cm Tube Assembly with 9/13 tube and take-off
AU08002	493654SS	SS Rod 8mm x 0.6m
AU08003	493601SS	SS Rod 8mm x 1.2m
AU08004	493652SS	SS Rod 8mm x 1.2m with Stabilizer Ring



Stand 52

Sprinkler Accessories | Sprinkler Tube Accessories

Product Number	NDJ Product Number	Description
101003726	830902	9mm Conic Male x 12mm Barbed Adaptor
101003728	830904	Flat Barb Plunger x 9mm Conic Female
101003725	830906	9mm Conic Male Plug for 101003728
101047680	830908	9mm Conic x 12mm Angle Barbed Adaptor
101080761	482820	Splined Adaptor for 8mm Rod
101080802	6431999900	Rubber Grommet to fit 830904 into PVC pipe
201016382	482821	Stand 52 Head Only ½"FBSP x 9/12 Barb
201000848	492660	9/13 PVC 100m Coil



Sprinkler Accessories | Threaded Fittings

Product Number	NDJ Product Number	Description
101080725	897272	Socket 1/2" BSPT
AU12001	897270	Nipple 1/2" x 1/2"
WT15336		Sprinkler Socket ½" x 3/4" BSP

Sprinkler Accessories | Punches & Tools

Product Number	NDJ Product Number	Description
101003345	6130210424	7.5mm Punch (Black) for Start Connectors & 9mm Flat Barb
101039358	6130210200	7.5mm heavy duty punch & pusher for female barb
101097208	6130210455	Drill 7.5mm Suitable for fitting Female Barb to LDPE
101072495	6120040000	Drill Bit Tavit 16mm (Suit 101080802 Rubber Grommet)



7.5mm Punch



Heavy Duty Punch & Pusher



7.5mm Drill

Elite | Coupling for portable irrigation systems with 1" FBSP outlet

Product Number	NDJ Product Number	Description
AU05001	798701	Elite Stand 50mmx 1" FBSP Standard Vee Ring
AU05001	798702	Elite Stand 50mmx 1" FBSP Zero Drain Vee Ring



Requires 50mm OD poly pipe

Supplied in kit form. Assembly required.

Amirir couplings and spare parts are still currently available while stocks last

LPD | Universal & for Irristand

Product Number	NDJ Product Number	Description
101079571	790601	Universal LPD 1/2" FBSP outlet x 1/2" MBSP inlet
AU01202	790602	Universal LPD 1/2" FBSP outlet x 3/4" MBSP inlet



LPD Operating Data

Opening pressure = 1.4bar

Closing pressure = 0.6bar

Sprinkler Discharge (l/h)	Head Loss (m)
250	0.1
500	0.2
750	0.8
1,000	1.1
1,250	1.3
1,500	2.6

