



03 3D ninety

The iconic design of the Syngenta 3D ninety combines the exceptional performance of the renowned DEFY 3D nozzle, with the benefits of revolutionary 90% drift reduction technology

syngenta®

Syngenta UK Ltd. Registered in England No. 849037. CPC4, Capital Park, Fulbourn, Cambridge CB21 5XE **Tel:** 01223 883400 **Fax:** 01223 882195
E-mail: product.technical_enquiries@syngenta.com **Website:** syngenta.co.uk

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APPLICATION CHART: NOZZLE SPACING 50 CM

Nozzle	Pressure bar	Flow l/min	LERAP	Litres/ha @ km/h					
				6	8	10	12	14	16
03	2	1.070	****	214	161	128	107	92	80
	2.5	1.135	****	227	170	136	114	97	85
	3	1.200	****	240	180	144	120	103	90
	3.5	1.290	****	258	194	155	129	111	97
	4	1.380	****	276	207	166	138	118	104
	4.5	1.445	****	289	217	173	145	124	108
	5	1.510	****	302	227	181	151	129	113

Syngenta application trials have shown that 90% Drift Reduction Nozzles are the nozzle of choice for pre-emergence herbicide applications, to limit the adverse effects of drift and still achieve effective grass weed control. 90% Drift Reduction Nozzles can work effectively at water volumes of 100 l/ha, however trials have shown that using 200 l/ha can achieve improved results. For best results, operate at a boom height of 0.5 m and at a speed of 12 Km/h or less.

To order please phone 0800 652 4215

Key features:

- 90% drift reduction
- 55° optimised spray angle
- PWM compatible
- Snaplock cap
- Boom height flexibility

4 star LERAP alternating forwards and backwards measured at 0.5 m boom height.

Star rating only applies when used conventionally and not when pulsing (PWM).

*Please refer to the product label for water volumes. Growers can reduce water volumes as long as they adhere to the HSE/DEFRA Code of Practice for Using Plant Protection Products. Please refer to paragraph 4.6.4, page 8.



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Nozzle	Pressure bar	Flow l/min	LERAP	Litres/ha @ km/h					
				6	8	10	12	14	16
035	2	1.212	****	242	182	145	121	104	91
	2.5	1.306	****	261	196	157	131	112	98
	3	1.400	****	280	210	168	140	120	105
	3.5	1.490	****	298	224	179	149	128	112
	4	1.580	****	316	237	190	158	135	119
	4.5	1.665	***	333	250	200	167	143	125
	5	1.750	***	350	263	210	175	150	131

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Nozzle	Pressure bar	Flow l/min	LERAP	Litres/ha @ km/h					
				6	8	10	12	14	16
04	2	1.420	****	284	213	170	142	122	107
	2.5	1.510	****	302	227	181	151	129	113
	3	1.600	****	320	240	192	160	137	120
	3.5	1.735	****	347	260	208	174	149	130
	4	1.870	****	374	281	224	187	160	140
	4.5	1.940	****	388	291	233	194	166	146
	5	2.010	****	402	302	241	201	172	151

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Nozzle	Pressure bar	Flow l/min	LERAP	Litres/ha @ km/h					
				6	8	10	12	14	16
05	2	1.731	****	346	260	208	173	148	130
	2.5	1.881	****	376	282	226	188	161	141
	3	2.000	****	400	300	240	200	171	150
	3.5	2.117	****	423	318	254	212	181	159
	4	2.217	****	443	333	266	222	190	166
	4.5	2.352	****	470	353	282	235	202	176
	5	2.453	****	491	368	294	245	210	184

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				6	8	10	12	14	16
06	2	2.223	****	445	333	267	222	191	167
	2.5	2.333	****	467	350	280	233	200	175
	3	2.400	****	480	360	288	240	206	180
	3.5	2.524	****	505	379	303	252	216	189
	4	2.608	****	522	391	313	261	224	196
	4.5	2.731	****	546	410	328	273	234	205
	5	2.819	****	564	423	338	282	242	211

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				6	8	10	12	14	16
08	2	2.852	****	570	428	342	285	244	214
	2.5	3.008	****	602	451	361	301	258	226
	3	3.200	****	640	480	384	320	274	240
	3.5	3.234	****	647	485	388	323	277	243
	4	3.328	****	666	499	399	333	285	250
	4.5	3.504	****	701	526	420	350	300	263
	5	3.620	****	724	543	434	362	310	272

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