


CLEANACRES MACHINERY LTD

AGROCO UMBRELLA NOZZLE



CAP COLOUR	DISC COLOUR	LIQUID BAR	LIQUID P S I	FLOW Mls/Min	APPLICATION RATE			
					Ltrs per HA at KPH			
					8	10	12	14
	ORANGE	2	29	998	149.7	119.8	99.8	85.5
		2.5	36.25	1070	160.5	128.4	107.0	91.7
		3	43.5	1200	180.0	144.0	120.0	102.9
		3.5	50.75	1230	184.5	147.6	123.0	105.4
	RED	4	58	1300	195.0	156.0	130.0	111.4
		1	14.5	1320	198.0	158.4	132.0	113.1
		1.5	21.75	1700	255.0	204.0	170.0	145.7
		2	29	1900	285.0	228.0	190.0	162.9
	BLUE	2.5	36.25	2025	303.8	243.0	202.5	173.6
		3	43.5	2180	327.0	261.6	218.0	186.9
		1	14.5	1920	288.0	230.4	192.0	164.6
		1.5	21.75	2430	364.5	291.6	243.0	208.3
RED	2	29	2840	426.0	340.8	284.0	243.4	
	2.5	36.25	3045	456.8	365.4	304.5	261.0	
	2	29	1840	276.0	220.8	184.0	157.7	
	2.5	36.25	2030	304.5	243.6	203.0	174.0	
RED	3	43.5	2170	325.5	260.4	217.0	186.0	
	3.5	50.75	2225	333.8	267.0	222.5	190.7	
	4	58	2290	343.5	274.8	229.0	196.3	
	1	14.5	1910	286.5	229.2	191.0	163.7	
BLUE	1.5	21.75	2465	369.8	295.8	246.5	211.3	
	2	29	2815	422.3	337.8	281.5	241.3	
	2.5	36.25	3050	457.5	366.0	305.0	261.4	
	3	43.5	3300	495.0	396.0	330.0	282.9	
YELLOW	3.5	50.75	3535	530.3	424.2	353.5	303.0	
	4	58	3735	560.3	448.2	373.5	320.1	
	1	14.5	2675	401.3	321.0	267.5	229.3	
	1.5	21.75	3465	519.8	415.8	346.5	297.0	
YELLOW	2	29	3910	586.5	469.2	391.0	335.1	
	1	14.5	2500	375.0	300.0	250.0	214.2	
	1.5	21.75	3000	450.0	360.0	300.0	257.1	
	2	29	3500	525.0	420.0	350.0	300.0	
GREEN	1	14.5	3500	522.0	417.0	348.0	298.3	
	1.5	21.75	4600	690.0	552.0	460.0	394.3	
	2	29	5480	819.0	655.2	546.0	468.0	
	2.5	36.25	6090	913.5	730.8	609.0	522.0	
WHITE	3	43.5	6720	1008.0	806.4	672.0	576.0	
	1	14.5	4600	690.0	552.0	460.0	394.3	
	1.5	21.75	5300	795.0	636.0	530.0	454.3	
	2	29	6320	984.0	758.4	632.0	541.7	
GREEN	3	43	8640	1296.0	1036.0	864.0	740.0	

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Cleanacres Machinery have a policy of continued development & therefore reserve the right to alter any specifications at any time without prior notice.

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AN OPERATOR WILL ACHIEVE BEST RESULTS WITH A PATTERN AS SHOWN IN FIGURES 1 & 2 IN SOME SEASONS DEVIATION FROM EITHER OF THESE TWO PATTERNS MAY CAUSE STRIPPING

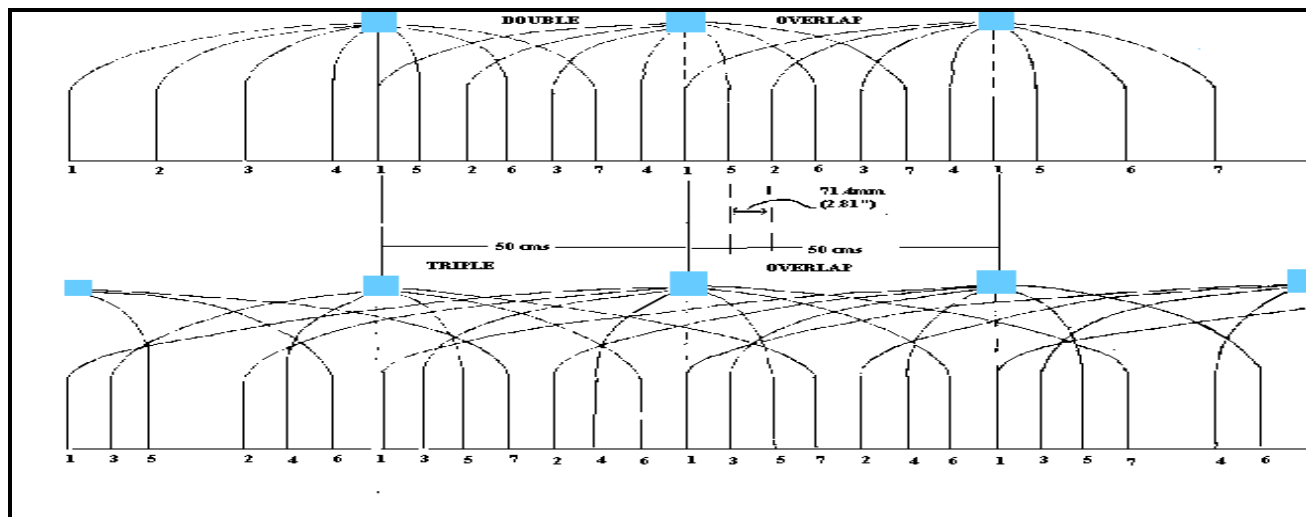


Fig 1

Fig 2

PLEASE NOTE IT IS IMPORTANT THAT THE STREAMS DO NOT RUN TOGETHER

Agroco Liquid Fertiliser Nozzles are:-

- | | |
|-----------------|---------------------------|
| SIMPLE & ROBUST | WILL FIT MOST SPRAYERS |
| ACCURATE | WIDE RANGE OF APPLICATION |
| LESS VULNERABLE | SNAP FIT |
| 50 CM SPACING | REDUCES SCORCH |



This chart should be used as a guide only. The flow rates used are based on cleanwater at a temperature of 55 - 65 degrees F. We strongly recommend that sprayers should be jug tested before applying liquid fertiliser to establish the pressure required for the desired application rate. Random jug tests should be carried out throughout the season to ensure that the calibration has not changed



It is very important that the correct overlap should be maintained at all times. The minimum overlap should be as shown in Fig 1. We suggest that if you wish to use very low volumes (flow rates less than 1 Litre Per Minute per nozzle) that you dilute your fertiliser to enable a good pattern to be maintained.

To determine the pressure required to achieve the same flow rates with liquid Fertiliser as stated on the chart, multiply the pressure shown on the chart by the specific gravity of your liquid fertiliser. Specific gravity can be established by weighing a litre. If the weight is 1.3 Kgs the specific gravity is 1.3.

Please ensure that your sprayer plumbing and pump capacity are adequate for the application rates and speeds intended. Cleanacres machinery will give advice in this area if required. As a rule of thumb, deduct 30% of your sprayer pumps nominal output to determine maximum pump output available to you.

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