Starter Fertilisers

Minimum cultivation establishment techniques for oilseed rape offer an ideal opportunity to place a starter fertiliser in the root zone of the establishing plant.

To ensure that a crop gets off to a good start, it needs feeding. The best way to do this is to place a starter fertiliser precisely where it is required, effectively creating a nutrient rich seedbed for the crop. OMEX solution fertilisers offer the most effective means of accurately placing nutrients with 100% solubility in the right place for the emerging seedling.

OMEX liquid starter fertilisers are also ideal for placement on drills for other crops, such as cereals, maize, and sugar beet.

Products and Recommendations

Tables below show application rates in I/ha to apply 20-60kg/ha of N:

14-14-0		Percent of Field Covered by Fertiliser Bands				
In the Band		10%	20%	25%	33%	50%
N	P ₂ O ₅	Application rate I/ha				
30	30	18	35	44	71	88
40	40	24	47	59	94	118
50	50	29	59	74	118	147
60	60	35	71	88	141	176
14-1	4-0	17 kg	N & P ₂ O ₅	per 100 li	tres of pr	oduct

7-20-0		Percent of Field Covered by					
kg/ha Applied		Fertiliser Bands					
In the Band		10%	20%	25%	33%	50%	
Ν	P ₂ O ₅		Application rate I/ha				
20	57	22	44	56	73	111	
30	86	33	67	83	110	167	
40	114	44	89	111	147	222	
50	143	56	111	139	183	278	
7-2	0-0		9 kg 25 kg P ₂	N per 100 0₅ per 100	0 litres of 0 litres of	product product	

ka/ha Applied		Fertiliser Bands				
In the Band		10%	20%	25%	33%	50%
N	P ₂ O ₅	Application rate l/ha				
30	14	14	29	36	57	71
40	19	19	38	48	63	95
50	24	24	48	60	79	119
60	28	29	57	71	94	143
21 kg N per 100 litres of produ 17-8-0 10 kg P ₂ O ₅ per 100 litres of produ					product product	

Percent of Field Covered by

Advantages of OMEX liquid starter fertilisers

- Major saving in autumn nitrogen requirement, up to 75%
- All of nitrogen captured by crop, reducing risk of leaching loss
- Fully soluble phosphate
- No dust, no blockages
- Precise targeting of nutrients
- Flexibility to work well within NVZ nitrogen limits
- Available with Polymex

17-8-0

Products and Recommendations

OMEX 17-8-0: contains approximately 21 kg nitrogen and 10 kg phosphate per 100 litres product. For use where a phosphate starter effect is required.

OMEX 14-14-0: contains approximately 17 kg nitrogen and 17 kg phosphate per 100 litres product. Provides greater starter effect.

14-14-0 N & P₂O₅	Percent of Field Covered by Fertiliser Bands						
Application	10%	20%	25%	33%	50%		
Rate I/ha	kg/ha N and P_2O_5 Applied in the Band						
30	51	26	20	15	10		
40	68	34	27	21	14		
50	85	43	34	26	17		
60	102	51	41	31	20		
14-14-0:	$17 \text{ kg N \& P}_2O_5 \text{ per 100 litres of product}$						

17-8-0	Percent of Field Covered by						
P₂O₅	Fertiliser Bands						
Application	10%	20%	25%	33%	50%		
Rate l/ha	kg/ha P_2O_5 Applied in the Band						
30	30	15	12	9	6		
40	40	20	16	12	8		
50	50	25	20	15	10		
60	60	30	24	18	12		
17-8-0:	10 kg P_2O_5 per 100 litres of product						

7-20-0 P₂O₅	Percent of Field Covered by Fertiliser Bands						
Application	10%	20%	25%	33%	50%		
Rate I/ha	kg/ha P₂O₅ Applied in the Band						
30	75	38	30	23	15		
40	100	50	40	30	20		
50	125	63	50	38	25		
60	150	75	60	45	30		
7-20-0	25 kg P ₂ O ₂ per 100 litres of product						





No Fertiliser



15kg/ha N



30kg/ha N

OMEX 7-20-0: contains approximately 9 kg nitrogen and 25 kg phosphate per 100 litres product. Traditional starter fertiliser, provides full starter rate of phosphate.

All products are available with Polymex.

Tables below show kg of nutrient applied in the band at various application rates.

17-8-0	Percent of Field Covered by						
N	Fertiliser Bands						
Application	10%	20%	25%	33%	50%		
Rate I/ha	kg/ha N Applied in the Band						
30	63	32	25	19	13		
40	84	42	34	25	17		
50	105	53	42	32	21		
60	126	63	50	38	25		
17-8-0:	21 kg N per 100 litres of product						

7-20-0 N	Percent of Field Covered by Fertiliser Bands						
Application	10%	20%	25%	33%	50%		
Rate I/ha	kg/ha N Applied in the Band						
30	27	14	11	8	5		
40	36	18	14	11	7		
50	45	23	18	14	9		
60	54	27	22	16	11		
7-20-0	9 kg N per 100 litres of product						



