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# Information

## CHASE SM3 - DWARF BEAN TRIAL

### Contract Crop grown for Birds Eye Foods

**SITE:** THURLTON , SUFFOLK  
**VARIETY:** VERTO  
**DRILLED:** 16TH JUNE 1993  
**EMERGENCE:** 1ST JULY 1993  
**SM3 APPLIED :** 2ND JULY 1993 (CROP STAGE 1.5-2.5" HIGH)  
**SM3 APPLICATION RATE:** 1 GALLON PER ACRE  
**BASE FERTILIZER PER HA:** 140 (N) - 210 (P) - 210 (K)  
**RHIZOBIUM GRANULES:** @ 10 KG/HA  
**IRRIGATION:** NONE (AMPLE RAINFALL )  
**SM3 TREATED AREA:** 5 ACRES ( 2 HA )  
**CONTROL AREA:** 17 ACRES ( 6.9 HA ) } 1 FIELD

### Results

	<b>SM3 TREATED AREA (5 ACRES)</b>	<b>CONTROL AREA (17 ACRES)</b>
<b>YIELD (TONNES)</b>	22.60	73.27
<b>AVERAGE YIELD</b>	4.52 Tonnes/Acre 11.2 Tonnes/Ha	4.31 Tonnes/Acre 10.64 Tonnes/Ha

### The Benefits

	<b>PER ACRE</b>	<b>PER HECTARE</b>
<b>INCREASED INCOME</b> (based on £171.5/tonne)	£ 36.00	£ 88.92
<b>SM3 APPLICATION COST</b>	£ 5.50	£ 13.59
<b>SM3 COST</b>	£ 10.50	£ 25.94
<b>NET INCREASE IN INCOME</b>	£ 20.00	£ 49.39