



**DE SANGOSSE**



**MICROSTAR** **PZ**



**Fodder Beet Demo**  
**Clydevale**  
**South Otago**



# MICROSTAR PZ

MADE IN FRANCE

Agro nutrition

FERTILISER - NP 17.4-10 FERTILISER WITH ZINC

Precision technologies

|     |        |    |    |      |    |
|-----|--------|----|----|------|----|
| N   | P      | K  | Mg | S    | Ca |
| 10% | 17.44% |    |    | 4.4% |    |
| B   | Cu     | Fe | Mn | Mo   | Zn |
|     |        |    |    |      | 2% |



## Specifications

**PACK SIZE**  
20 KG

**FORMULATION**  
Technology Phosphorus Preservation

**CHECK CONDITION OF PRODUCT AT**  
36 months

**APPLICATION**  
Soil

**FORM**  
Micro granules

**DENSITY**  
0.85 +/- 0.05

**STORAGE CONDITIONS**  
Store away from humidity



## Paddock Set Up

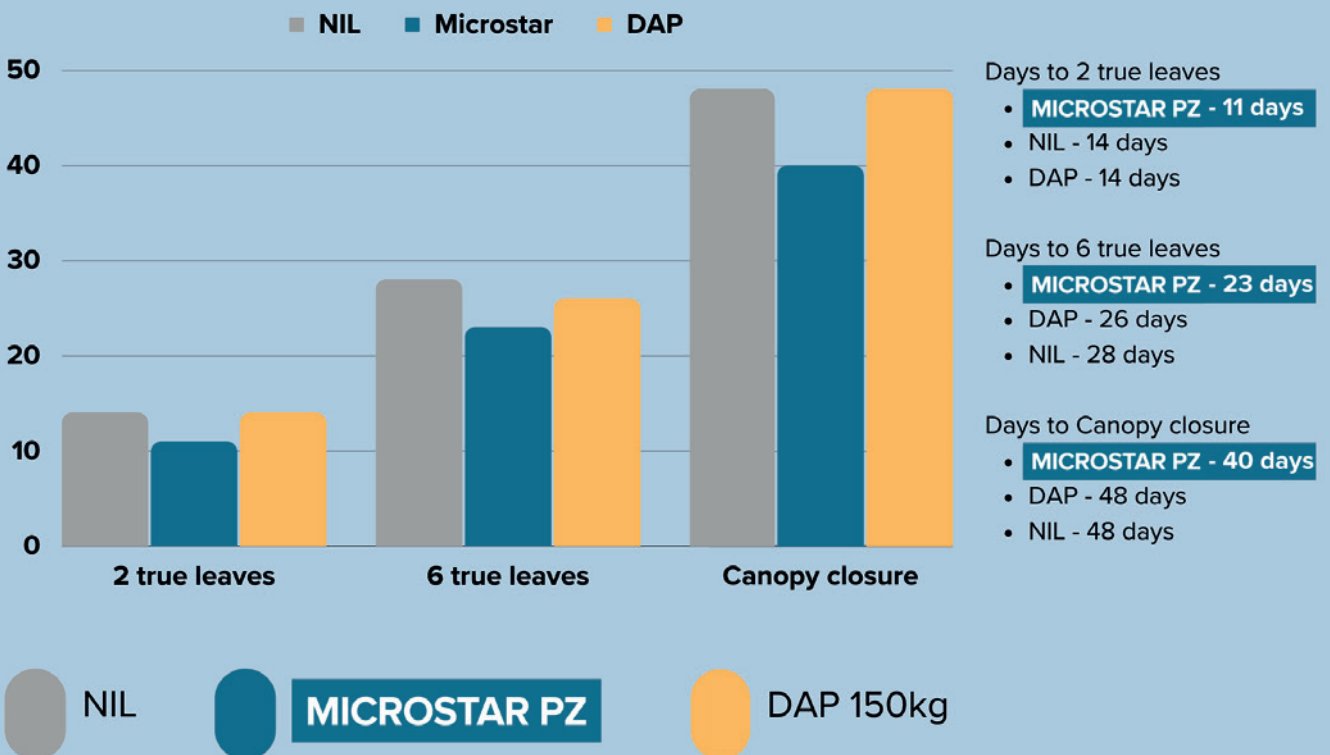
- No soil test.
- Base fertiliser 200kg DAP
- Vaderstad Tempo drill fitted with precision fert boxes.
- Microstar PZ 30kg placed directly under the seed.
- DAP plots had an additional 150kg applied through a roller drill pre sowing (350kg DAP total)

### BASE FERTILISER 200KG DAP

| NIL FERTILISER | MICROSTAR PZ @ 30 KG | DAP @ 150 KG |
|----------------|----------------------|--------------|
| 12 ROWS        | 12 ROWS              | 12 ROWS      |

|  |  |  |
|--|--|--|
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## DEMO RESULTS





# MICROSTAR PZ

## DEMO RESULTS

**NIL FERTILISER**

**MICROSTAR PZ  
@ 30 KG**

**DAP  
@ 150 KG**



WEEK 2

WEEK 3

WEEK 4

WEEK 5



# MICROSTAR

**PZ**

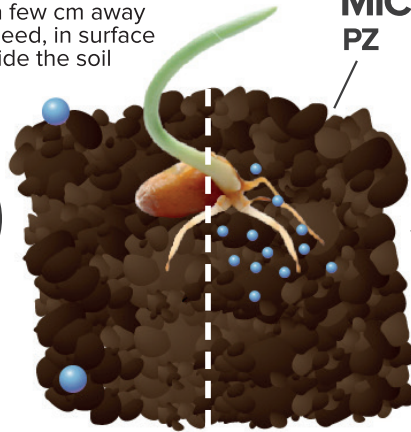
PRECISION STARTER FERTILISER

The nutrients are distributed throughout the soil profile but not in close contact with the seed. Their uptake is limited and quite slow.

Use coefficient - 15%

Use coefficient  
**15%**

**Conventional fertiliser**  
applied a few cm away from the seed, in surface or inside the soil



**MICROSTAR PZ**

Use coefficient  
**100%**

Precision application in the furrow and in contact with the rooting system. The nutrients are rapidly available to the plant.

Use coefficient - 100%

Between 14 and 50 times more granules per linear metre

## Microstar PZ is used efficiently



Fodder Beet

CONTROL

MICROSTAR PZ

|                  | Application Rates/ha | Units applied (P) | Units effective (P) |
|------------------|----------------------|-------------------|---------------------|
| <b>MICROSTAR</b> | <b>20 kg/ha</b>      | <b>3.5 units</b>  | <b>3.5 units</b>    |
| <b>18-20-0</b>   | <b>116 kg/ha</b>     | <b>23 units</b>   | <b>3.5 units*</b>   |

\* Use coefficient = 15%

- 1- Micro granules  
 >> **Larger surface area for nutrient exchange**
- 2- Granules applied closer to the seed  
 >> **P can be directly assimilated**
- 3- High number of contact points  
 >> **cover the immediate needs of the crop**

Precision technologies

**Composition :**

Nitrogen (N): 10%  
Phosphorus (P): 17.44%

Sulphur (S): 4.4%  
Zinc (Zn): 2%

**Pack size :**

20 kg



AVAILABLE THROUGH ALL LEADING RURAL SUPPLIERS - [www.desangosse.co.nz](http://www.desangosse.co.nz) - Ph.: + 64 (0) 7 571 0908

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