



**PRODUCT INFO
& DATASHEET**

SICOFERT PK 20 + 30

Granular Compound Fertiliser

1) PRODUCT & APPEARANCE

PK Compound fertiliser (granulated pellets)

E.C. fertiliser (Methods of analysis & tolerances on specifications as per EU rule 76/116/EEC.)

2) BRAND

SICOFERT PK 20.30

3) CHEMICAL FORMULA & INGREDIENTS USED

$\text{Ca}(\text{H}_2\text{PO}_4)_2 \cdot \text{H}_2\text{O} + \text{KCl}$ or K_2SO_4

4) MANUFACTURING PROCESS

Compounding and mixing of various fertiliser ingredients into a paste, drying and pelleting.

5) TYPICAL SPECIFICATIONS

a) Analysis (typical):

	<u>Calculated %</u>	<u>Analysis Results (%)</u>	<u>Specification</u>
P_2O_5	20.0	21.0	20.0% soluble in water and neutral ammonium citrate
K_2O (water soluble)	30.0		19.3% water soluble
SO_3		5.1	30.0% water soluble
CaO		13.1	2.0% S (Sulphur)
<u>Chemical Properties (typical)</u>			
Free humidity			2.5 - 3.5%
<u>Physical Properties (typical)</u>			
Sieve analysis			> 5 mm 2%
			1 - 5 mm 97%
			< 1 mm 1%
			D 50 3.0 - 3.5 mm

b) Hazardous substance: none

c) Packing: 20/25/40/50/100/1,000 kg bags

d) Application:

As soil fertiliser in agriculture and grassland. Dosage to be used depends on local factors, crops and climatological conditions. Please contact local agronomist or importer.

Some methods of application and dosages:

* Fruit trees: in post-harvest or prior to reawakening, with a dosage of 300 kg/ha in placement and 500 - 600 kg/ha in broadcasting.

* Vegetable crops: while preparing transplanting/sowing bed, with a dosage of 300 kg/ha in placement and 500 - 600 kg/ha in broadcasting.

It is advisable to plan a fertilisation program considering the other basilar nutrients requirements as well, and to apply in association with Nitrogen, Calcium, Magnesium, Sulphur and all trace elements.

e) Advantages and nutritional targets:

* Induces an adequate plant growth and development, by preventing rankness excess and maintaining a well-balanced canopy.

* Helpful in preparing plants to blossoming and fruit setting.

* Increases the consistency of vegetative and reproductive tissues.

6) PRECAUTIONS

Always keep the bag closed when not in use. Store out of direct sunlight and damp. Keep out of reach of children.

Wash hands after use.