

Price list

| | ORDERED PRICE |
|--------------------------------|---------------|
| BEETROOT | |
| RED ACE BEETROOT | R420,44 |
| RED ATLAS | R419,89 |
| BRINJAL | |
| BLACK KING BRINJAL | R830,18 |
| FORZA BRINJAL | R952,83 |
| RAVATYA BRINJAL | R736,25 |
| BROCCOLI | |
| ARES BROCCOLI | R741,50 |
| MONTOP BROCCOLI | R742,61 |
| PARTHENON BROCCOLI | R741,50 |
| CABBAGE | |
| CONQUISTADOR CABBAGE | R548,13 |
| GREEN CORONET CABBAGE | R514,98 |
| MEGASTAR CABBAGE | R615,53 |
| OPTIMA CABBAGE | R592,33 |
| STAR 3301 CABBAGE | R519,40 |
| CARROT | |
| KURODA | R452,63 |
| CAULIFLOWER | |
| INCLINE CAULIFLOWER | R796,75 |
| KORLANI CAULIFLOWER | R887,36 |
| TWISTER CAULIFLOWER | R818,85 |
| SPACEDREAM CAULIFLOWER | R790,12 |
| CELERY | |
| DAVID CELERY | R454,25 |
| CHILLIES | |
| HABANERO RED CHILLI | R728,88 |
| FURY THAI CHILLI | R784,13 |
| STAR 6604 THAI CHILLI | R748,77 |
| UYABABA THAI CHILLI | R686,89 |
| CUCUMBER | |
| ASHLEY CUCUMBER | R480,25 |
| HERBS | |
| BASIL - HERB (per 1000) | R480,25 |
| MOSS CURLED PARSLEY-HERB | R480,25 |
| ROCKET CULTIVATED- HERB | R480,25 |
| THYME - HERB (per 1000) | R480,25 |
| KALE | |
| CARVOLA NERO KALE | R590,75 |
| CHOU MOULLIER | R465,25 |
| LETTUCE | |
| COMMANDER ICEBERG LETTUCE | R492,82 |
| ESKY ICEBERG LETTUCE | R587,85 |
| MUSKETEER LETTUCE | R552,49 |
| MAIZE | |
| SC701 MAIZE | R497,71 |
| SWEET CORN STAR 7719 | R545,45 |
| ONIONS | |
| SLENDER STAR ONION | R449,73 |
| PARADE ONIONS | R471,83 |
| TEXAS GRANO ONION | R433,15 |
| SWEET PEPPERS | |
| JUPITER PEPPER | R663,32 |
| SANTORINI RED PEPPER | R653,38 |
| CRUSADER PEPPER | R1 514,17 |
| KAVANGO(YELLOW) PEPPERS | R804,76 |
| REVELATION PEPPER | R1 786,00 |
| MARX PEPPER | R2 077,72 |
| SPINACH | |
| FORDHOOK GIANT SPINACH | R409,39 |
| SQUASHES | |
| NORTHERN STAR BABY MARROWS | R1 426,60 |
| STAR 8024 BABY MARROW | R1 398,98 |
| WALTHAM BUTTERNUT | R520,50 |
| STAR 8001 GEMS | R1 022,17 |
| SUNBURST PATTY PAN | R1 629,92 |
| OKRA | |
| | R465,25 |
| TOMATOES | |
| STAR 9065 TOMATO | R1 036,81 |
| MANICA TOMATO | R714,15 |
| STAR 9001 TOMATO | R700,89 |
| ZEAL TOMATO | R929,63 |
| STAR 9081 TOMATO | R2 423,03 |
| GENIO CHERRY ROUND TOMATO | R6 758,50 |
| RED PARADISE CHERRY JAM TOMATO | R5 432,50 |
| STAR 9037 TOMATO | R2 024,13 |
| STAR 9068 TOMATO | R732,94 |



VEGGIENEWS

EFFICIENT WATER MANAGEMENT

EFFICIENT WATER MANAGEMENT



**Sunshine
Seedlings'
Vegetable
Newsletter,
2023**

Conversations about topics of concern vary amongst farmers, but one common issue causing apprehension is that of watering and electricity. Apart from labour and fuel, watering and electricity have a major effect on a farm's profitability and productivity. Therefore, some valuable information regarding irrigation and efficient watering may be helpful.

Precision irrigation is one of the most efficient water-use management systems for agriculture. Precision irrigation is the application of water in a targeted and precise manner, reducing waste and optimizing water use. We now share with you some key components of an efficient water-use management system for agriculture:

1. Irrigation techniques

Implementing sophisticated irrigation techniques such as drip irrigation or micro sprinklers can reduce water wastage significantly. These methods ensure that water is targeted to the plant root zone, minimizing runoff and evaporation. Utilizing low-pressure systems and well-designed irrigation infrastructure assists in ensuring even water distribution across a field.

2. Soil Moisture Monitoring

Investing in soil moisture sensors at varying depths in the field allows farmers to accurately measure the water content in the soil. This information assists with determining the optimal timing and amount of water required, preventing underwatering and over watering.



For farmers in rural areas, practical soil moisture monitoring systems should be affordable and accessible.

The use of tensiometers is recommended as they are simple and relatively inexpensive. Tensiometers measure soil moisture based on the tension of the water in the soil. The porous ceramic cup is buried in the soil and connected to a water filled tube. The water level in the tube indicates the level of soil moisture.

Portable Soil Moisture Probes enable farmers to directly measure soil moisture at different depths. The probe is inserted into the soil and provides instant reading of the soil's moisture levels.

3. Crop Water Requirements

Different crops require different watering needs at their various stages of growth. Understanding these requirements is vital for efficient water management. Once farmers know the crop type, stage of growth and evapotranspiration rates, they can refine their irrigation schedules to match each crop's specific water requirements and thus eliminate unnecessary water usage..

4. Weather Monitoring

Monitoring temperature, humidity, wind speed and rainfall provides valuable information for scheduling irrigation. By integrating weather data into water management systems, farmers can adjust irrigation based on current conditions, thereby reducing water loss due to evaporation and efficiently applying water.

In addition to the dire need to save water, there is also a lots of research for ways to save electricity in irrigation. There are various tools and technologies that can be implemented. Investing in energy efficient motors can lead to substantial electricity savings. Replacing older motors with energy-efficient models results in motors operating at a

higher efficiency level, converting more electrical energy into mechanical power.

Another option is investing in high-efficiency pumps, which deliver water with higher effectiveness, thereby reducing energy losses. Look for pumps with high motor and hydraulic efficiency and speed values for your specific irrigation needs.

Variable Frequency Drives (VFDs) are devices that control the speed of motors driving pumps. By adjusting the motor speed based on actual water demand, VFDs can match the required flow rate resulting in energy saving. VFDs help in prolonging the lifespan of motors by reducing the wear and tear on equipment.

Inefficient watering practices result in water wastage, electricity wastage and leeching of fertilizer and minerals in the soil. This wastage can be easily avoided, as explained. We hope that this information has been insightful.

The team at Sunshine Seedling Services are available for practical demonstrations on how to measure moisture levels in the soil. Should you require further assistance please do not hesitate to contact:

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