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**MEDIA RELEASE**

**MAY 2019**

## **FARMSPEC PLOUGHS BACK**

**This fully independent manufacturer and distributor of sustainable agricultural products represents a humanitarian ethos that is committed to ensuring the longevity of our planet.**

***FarmSPEC's drive is to help our farmers and blenders feed the people, and FarmSPEC is committed to assisting them in reaching this goal by ploughing back the knowledge its gained from farmers, agronomists, scientists and universities in an offering of a unique range of specialized fertilizers"***

***Mr. David Smillie, FarmSPEC***

### **CarbonBlack N**

**CarbonBlack N** is an organic fertilizer that has been developed with input from farmers. It uses a combination of chemical, biological and physical approaches to offer greater value for money by improving nitrogen utilization efficiency. The result of this further provides value to growers and the wider community by reducing the environmental impact of plant nutrition.

It has been established that the higher the nitrogen rate applied to soil, the more severe the decline of residue carbons in the soil. The carbon content of soil is a major factor in its overall health and that of the crops grown on it. The carbon levels in soil can be increased by adopting forms of carbon farming such as time-controlled grazing management, pasture cropping or by adding **FarmSPEC's CarbonBlack N**, an organic carbon resource.

**CarbonBlack N** improves soil fertility and plant nutrition to the maximum.



### **Carbo-Coat**

Carbo-Coat is a trusted coating agent utilized by Blenders to coat Urea, resulting in the finished product **CarbonBlack N**.

A nutrient activator and soil catalyst, **Carbo-Coat** contains plant extracts, vitamins, non-ionic products and bio stimulants to promote nutrient cycling and increase plant production. Greater biological activity in the soil promotes the availability of both target and other tied-up nutrients in the soil. Improved nutrient cycling reduces input costs through efficiencies.

**Carbo-Coat's** overwhelming energy release promotes a fusion of microbiology and both organic and inorganic chemistry to improve the overall efficacy of applied nutrients.

### **MAP (Active) zn**

**MAP (Active) zn** is a unique, concentrated phosphorus, nitrogen and zinc granular fertilizer catalyzed with Carbo-Bond to assist in establishing crops and maintaining overall vigour and health for sustainable crops. Documented research has shown that 40 – 50 % of South African agricultural land is zinc deficient. MAP (Active) zn offers a zinc component in a water soluble format, coated onto the MAP which releases the P immediately for uptake into the plant. “This is the key to the pantry.” This product does **NOT** use Zinc ash or an oxide which renders useless as a catalyst for transport of the P to the plant.

### **Carbo-Bond**

Carbo-Bond is a trusted coating agent utilized by Blenders to coat MAP with ZNSO<sub>4</sub>, resulting in the finished product **MAP (Active) zn**

This revolutionary organic coating adhesive is primarily used to attach essential water soluble Zinc to the surface of MAP granules and to reduce excess fines in the blending process.

### **Micro Nutrients (MN6)**

**MN6** Micro Nutrients should be an essential component in most blended fertilizers. Used regularly and correctly, MN6 supplies the plant and replenishes the soil with essential nutrients from the germination stage right through the season, following which, the crop will never experience a micronutrient deficiency at any time in its life cycle.

The problem encountered by farmers in applying micro nutrients is that they were initially supplied in a powder or compound format. The solution has been to develop a micro nutrient granule that is easily added in a fertilizer blend. This can be applied in ONE application. FarmSPEC is a major distributor of this product and committed to its policy of advancing farmers to follow better management practices in their fertilizer programs.

***Zinc Sulphate / ZnSo4***

The best reason for using **Zinc Sulphate** is that it is completely water-soluble and so easily absorbed by plants. **Zinc Sulphate** is the most common form of zinc fertilizer used and has shown excellent results in all soil types. High leaching capacity soils, (e.g. sandy soils or those which are highly acidic), can at times lack zinc altogether. If not taken care of, zinc deficiency will cause significant decreases in crop productivity and nutritional quality.



***farmSPEC is committed to “Bringing the Biology back” says David Smillie***

For more and/or technical information visit call 031-564 9948