

13<sup>th</sup> June 2025

**ASX ANNOUNCEMENT**



## **FIELD TRIAL PROGRESS & FERTILIZER STRATEGY**

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**Minbos Resources Limited (ASX:MNB) (“Minbos” or the “Company”)** is pleased to provide an update on field trials and its fertilizer strategy in Angola.

### **HIGHLIGHTS**

- **PRIMEIRO™, Minbos’ direct-application phosphate rock fertilizer**, has again demonstrated improved crop performance in the 2024–25 field trials compared to local practices. The agronomy trials were established across several key cropping regions of Angola in collaboration with commercial partners and local farmers, reinforcing the product’s practical value and market fit.
- **All field trials have demonstrated a strong crop yield response to phosphate**, which is widely deficient in Angolan soils. Phosphates are a vital nutrient that supports early root development, flowering, and fruiting, resulting in healthier, more productive plants.
- The Portfolio Development Program, backed by ongoing local replicated trials and on-farm demonstrations, is focused on delivering a pipeline of cost-effective fertilizer formulations tailored to local crops and soil conditions. This program supports immediate farmer needs while also positioning the Company to capture longer-term opportunities, including advanced nutrient systems and the potential incorporation of green ammonia technologies.
- As the only Angolan fertilizer producer and manufacturer, these customized formulations will be made available to farmers across Angola through established distribution networks, strengthening Minbos’ presence on the ground and building long-term relationships with key distribution partners.
- Led by Chief Strategy and Marketing Officer Mr. Rob Newbold, the Company has initiated further replicated trials of a new blended fertilizer including potassium, nitrogen and sulphur. The Company plans to expand and refine the fertiliser range in response to farmer feedback and agronomic data.
- Included in the latest trials and responding to market feedback, Minbos has developed several dry-blend fertilizer formulations under the PRIMEIRO PLUS+ banner. These formulations combine Minbos’ phosphate rock with imported nitrogen and potassium sources to offer a more complete NPKS nutrient solution. One such blend was trialled this season using both surface and in-furrow application methods, with both techniques delivering efficient and high-yielding results (Figure 1).



Figure 1 - Corn demonstration trials in Uíge Province Angola, utilising Primeiro + N/K.

- PRIMEIRO PLUS+ is being designed to meet the needs of specific crops and soil types, with different NPK ratios developed through our blending program. These efforts are intended to serve both smallholder and commercial growers, supporting improved productivity across the agricultural sector.
- Field trials using PRIMEIRO PLUS+ have yielded strong results and generated valuable insights into product performance under real-world farming conditions. These findings are informing the next generation of product design and application guidance.

## FIELD TRIALS

PRIMEIRO™, as the name suggests, represents the Company's first step in addressing Angola's soil fertility and plant nutrition challenges - but it is not the last. The success of PRIMEIRO™ has laid the foundation for a broader solution suite, with future formulations already in development.

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Minbos' growth strategy is underpinned by strong partnerships with local market participants, including growers, agronomists, and distributors, to develop solutions that address both current crop nutrition needs and emerging agricultural practices.

Extensive local agronomy trials have demonstrated the efficacy of PRIMEIRO™ in improving yields and enhancing crop quality. Numerous replicated trials have been conducted in the past five years across a range of soil types and regions, in partnership with organizations such as IFDC, IIA, NPCT, and numerous local farmers.

Through this research, the Company has identified:

- Where PRIMEIRO™ delivers the greatest benefit; and
- The most effective application rates and methods; and
- Potential adaptations for new product forms (dry blend, granule, or liquid).

PRIMEIRO™ has proven to be a foundational input for plant nutrient management programs, applicable to a wide range of farming systems in Angola.

### **Future Product Development**

Chief Strategy and Marketing Officer Mr. Rob Newbold and Chief Agronomist Dr. Prochnow continue to lead the positioning of PRIMEIRO™ and PRIMEIRO PLUS+ as core products for both smallholder and large-scale commercial farmers.

Looking ahead, the Company anticipates a diverse product portfolio evolving from PRIMEIRO™, including blends of Phosphorus, Nitrogen, Potassium, and Sulphur (N:P:K:S) tailored to the requirements of the Angolan market.

In addition to serving local demand, niche export markets remain a strategic opportunity. Exports will bring economies of scale and generate foreign exchange revenues, supporting Minbos' growth and financial resilience as fertilizer production begins.

**- END -**

This announcement has been released with the approval of the Minbos Board of Directors.

For further information please contact:

### **Investor and Media Enquires**

E: [info@minbos.com](mailto:info@minbos.com)

P: +61 8 6219 7171



## **COMPLIANCE STATEMENT**

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and, in the case of material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed.

## **FORWARD LOOKING STATEMENTS**

Statements contained in this release, particularly those regarding possible or assumed future performance, revenue, costs, dividends, production levels or rates, prices, or potential growth of Minbos Resources Limited, are, or may be, forward looking statements. Such statements relate to future events and expectations and, as such, involve known and unknown risks and uncertainties. Actual results and developments may differ materially from those expressed or implied by these forward-looking statements depending on a variety of factors.