



TRIAL ON COFFEE INDIANOPOLIS, MINAS GERAIS, BRAZIL

KTS® is a clear, chloride-free solution that features the highest potassium and sulfur content available on the market.

- Boosts crop quality: improves consistency, protein content, crop color, sweetness and shelf life
- High potassium delivers efficiency to ensure a better crop yield
- Improves the assimilation of other nutrients present in the soil (phosphorus and other nutrients)
- Liquid potassium and sulfur fertilizer without either nitrogen or chloride

Year: 2018

Cooperation with: Valeverde Agro

Type of application: foliar

Parameters measured: yield

Crop cultivated in open field, as for the trial 2 ha were treated

Goal:

Evaluate the effects of KTS as a source of K and S to add K_2O and help on translocation of photoassimilates of 20 year old plants of coffee



METHODOLOGY & CLIMATE

Climate in the region according to Köppen climatic classification is Cwa. Subtropical with dry winter and warm summers. For more information contact authors.

TREATMENT

- Control without KTS foliar
- Treatment with KTS foliar application
- KTS split in 3 applications of 5 l/ha in 500 l/ha in following months: January and April 2018

RESULTS

Yield: an increase of 1.4 t/ha was observed with thiosulfates applications.

Cost benefit: an increase of 1.4 t/ha with T1 did represent an extra income of \$6.466 USD for the farmer.

TREATMENT	YIELD (T/HA)
T0 to check	10.2
T1 liquid fertilization	11.7

CONCLUSION

Liquid fertilization in the crop has greater benefits compared to traditional fertilization in maturity terms.

The producer observed an increase of number of boxes after first week of KTS application from 300 to 400 boxes per hectare.



Our experts are familiar with your region and crops.

Their support includes:

- Agronomic advice
- Providing technical information
- Carrying out field studies that are specific to your issues
- Providing application and storage tips

For more contact information: Tessenderlo Kerley International, part of Tessenderlo Group

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