

# K-ROW 23<sup>®</sup>



## K-ROW 23<sup>®</sup> 0-0-23 with 8%S

An efficient, safe and easy to handle source of potassium and sulfur that can be applied in the row!



Tessenderlo  
**KERLEY**

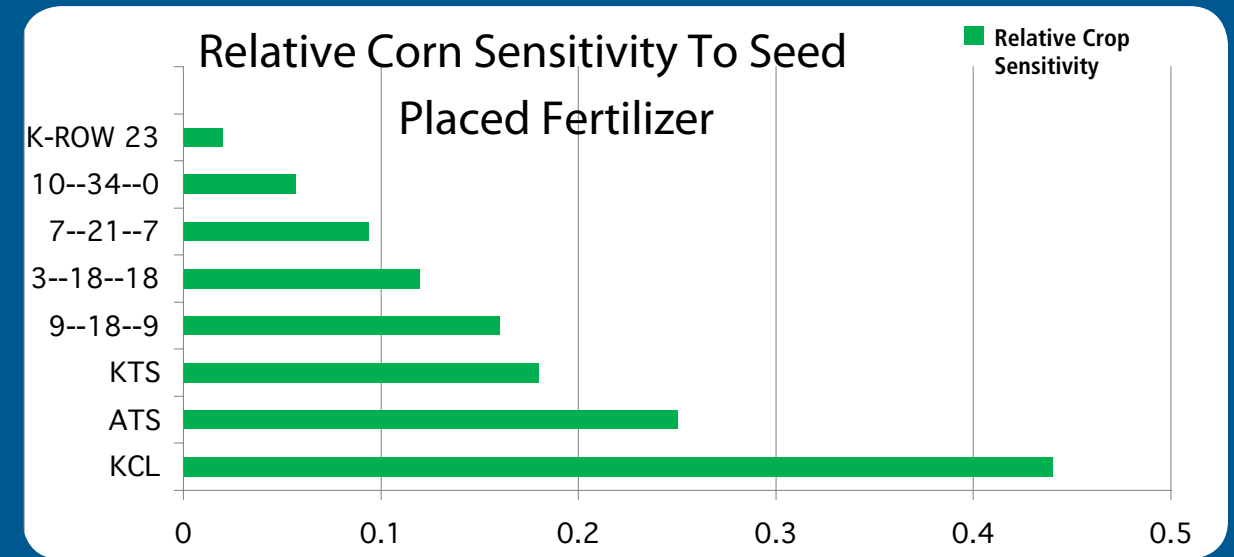
K-ROW 23® is a chloride free, clear to slightly yellow liquid solution containing 23% K<sub>2</sub>O and 8 % plant available sulfur.



- Each gallon of K-ROW 23 contains approximately 2.7 lbs. of potassium (K<sub>2</sub>O) and 1.0 lb. of sulfur (S).
- When applied at recommended rates, K-ROW 23 is a seed-safe product developed by TKI for starter (2 X 2 or 2 X 0) and in-furrow (pop-up) applications. (See application guide for specific recommendations.)
- K-ROW-23 was the safest potassium based fertilizer in germination trials.
- K-ROW 23 may be blended in any ratio with 10-34-0 or 11-37-0 to provide potassium and sulfur, critical nutrients for germinating crops, especially in minimum or no-tillage conditions.
- Blends with UAN solution should be jar tested before making large quantities.
- UAN blends should contain enough water to equal the lesser amount of one of these products to reduce crystal formation.
- K-ROW 23 can be acidified to a pH of 5.6 to form a stable acidic fertilizer for high pH soils.

South Dakota State University Germination Study

The graph below shows the results of a research study at South Dakota State University comparing the effect of different fertilizer formulations on seed germination. Potassium chloride had the greatest negative effect on germination. K-ROW 23 was the safest potassium based fertilizer in this study.



TECHNICAL DATA INFORMATION

K-ROW 23 0-0-23+8S

Typical Properties

Specific Gravity	1.40
pH	7.70 to 8.10
Appearance	Clear to Slightly Yellow
Salting-Out Temperature, °F	< 10.00
Actual Salt Index	46.00

Formulation and Application Factors

Density, lbs/gallon	11.66
Volume, gallons/ton	171.50
Pounds K <sub>2</sub> O per gallon	2.70
Pounds S per gallon	1.0

Custom Blends Using K-Row-23

Blend	10-34-0 Lbs.	K-Row-23™ Lbs.	Water (H <sub>2</sub> O) Lbs.
6-21-6 + 2S	1235	522	243
5-18-6 + 2S	1059	522	419
4-14-12 + 4S	823	1043	134
7-24-6 + 2S	1412	522	66
6-22-4 + 1.4S	1294	348	358

Examples of seed row fertilizer blends



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