



# **TRUESPRAY™**

## *Agricultural Spray Hoses*

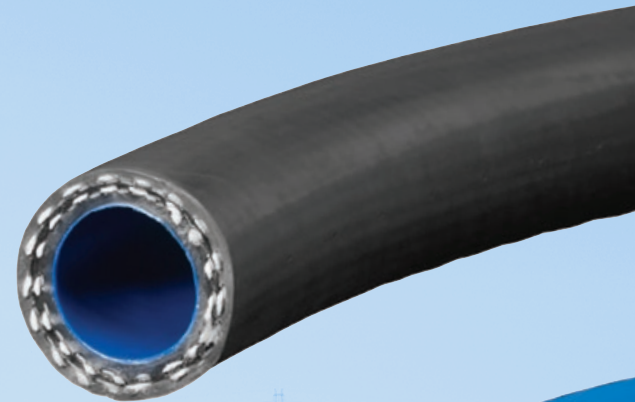
**Prevents Unwanted Herbicide Carryover Damage!**

*Permeation Resistant Inner  
Liner for Easy Cleanout!*

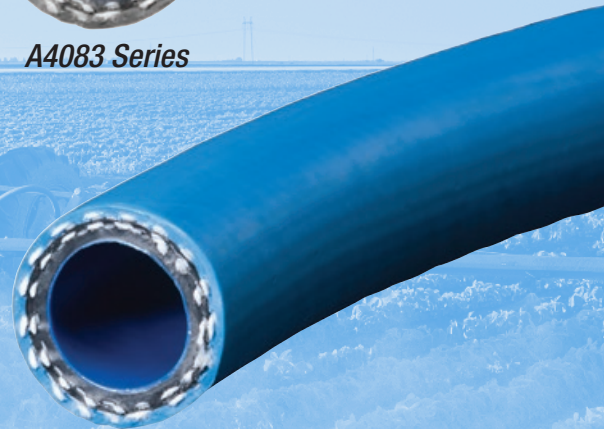
*Pin-pricked Cover Vents  
Trapped Gases*

*Chemical Resistant*

**New Products!**



A4083 Series



A4086 Series



**Kuriyama of America, Inc.**



**EDITION 0318**

# TRUESPRAY™

## Agricultural Spray Hoses

### A4083 Series (black)

### A4086 Series (blue)

## High Pressure Polyethylene Rubber Blend Agricultural Spray Hose

#### General Applications:

- Agricultural fertilizer, pesticide & herbicide spraying
- Chemical transfer
- Tree spraying

#### Construction:

Permeation resistant LLDPE/rubber blend tube, two-pass high tensile strength yarn and rubber blend cover.

#### Features and Advantages:

**Permeation Resistant Liner!** – Special LLDE/rubber blend liner flushes easily with water and resists herbicide and pesticide residue buildup. Helps keep crops free of unwanted chemicals.

**High Chemical Resistance** – Excellent resistance to most industrial and agricultural chemicals.

**Dual Yarn Construction** – Results in a highly durable, long-lasting product that can also be used in high pressure applications.

**Cold Flex™ Materials** – Hose remains flexible in sub-zero temperatures.

**Pin-pricked Cover** – Vents trapped vapors to help prevent “ballooning”.

**Service Temperature Range:** -40°F (-40°C) to +130°F (+54°C)

Standard Stock Colors		Size Code	Nominal ID		Nominal OD		Max. Working Pressure† (PSI)		Standard Lengths Coils (ft.)	Approx. Wt. per Pkg. (lbs.)
A4083 Black	A4086 Blue		(in)	(mm)	(in)	(mm)	@ 70°F (20°C)	@ 122°F (50°C)		
✓	✓	06	3/8	9.5	0.688	17.5	800	300	300/100	33/11
✓	✓	08	1/2	12.7	0.840	21.3	800	300	300/100	45/15
✓	✓	12	3/4	19.1	1.140	29.0	800	250	300/100	72/24
✓	✓	16	1	25.4	1.400	35.6	400	125	200/100	65/33

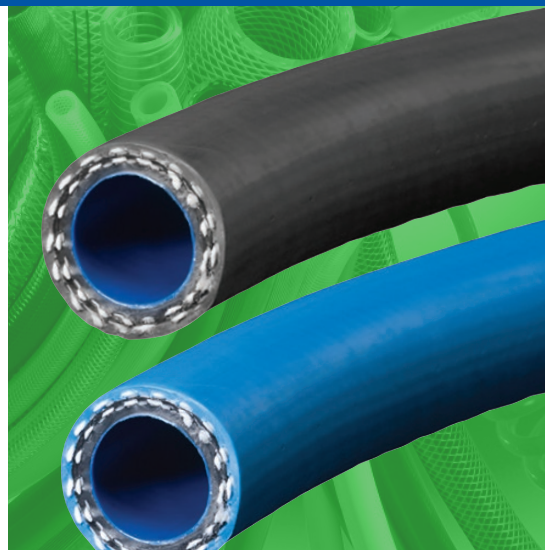
† Note: Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures.

Note: Use of hydraulic or reusable-type fittings are not recommended for coupling Kuri Tec® hose products. Hose claims involving use of these fittings will be disallowed.

NOTE: For details of the following compliances mentioned above, refer to footnotes listed on page 63 of the Kuri Tec® catalog.

**PTHALATE FREE** (15), **RoHS** (16)

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.







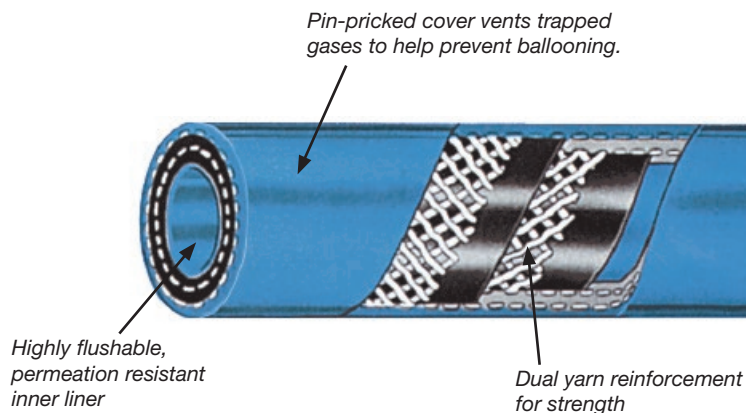
## Prevent Unwanted Herbicide Carryover Damage!

The Kuri Tec<sup>®</sup> Truespray<sup>™</sup> hose has been shown to reduce unwanted herbicide carryover damage from PGR (plant growth-regulating) herbicides such as Dicamba. PGR herbicides, although water soluble, act as weak acids, and their removal requires more time, care and effort (Steckel et al. 2005). In conjunction with proper hose and sprayer cleaning techniques, the Truespray<sup>™</sup> hose's permeation resistant liner greatly reduces the amount of PGR herbicide residue buildup compared to other hoses.

Even after repeated flushing other spray hoses can retain significant amounts of herbicide residue buildup long after use. During re-use this buildup can unexpectedly leach out of the hose, causing costly crop damage and subsequent yield loss – even years later! However, the Kuri Tec<sup>®</sup> Truespray<sup>™</sup> hose features a permeation resistant inner liner with superior cleanout characteristics, helping ensure your herbicides and pesticides wind up where you want them, on the field. Scientific studies have shown over a 50% reduction in yield loss associated with herbicide carryover damage compared to other hoses that were studied (Cundiff et al. 2017)\*.



*Discoloration and cupping of leaves are signs of herbicide damage.*



\*All performance data was gathered in a controlled environment. Results will vary and may not be representative of the experience of others. Use of the Truespray<sup>™</sup> hose is not a replacement for proper cleaning procedures. Please refer to your sprayer manual for proper cleaning procedures.

Steckel L, Chism C, Thompson A (2005) Cleaning Plant Growth Regulator (PGR) Herbicides Out of Field Sprayers. University of Tennessee Agricultural Extension Service W071. 3 p  
Cundiff, G., Reynolds, D., & Mueller, T. (2017). Evaluation of Dicamba Persistence among Various Agricultural Hose Types and Cleanout Procedures Using Soybean (Glycine max) as a Bio-Indicator. *Weed Science*, 65(2), 305-316. doi:10.1017/wsc.2016.29

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Hose or tubing used in bent configurations will be subjected to increased abrasion. Hose clamps or couplings may loosen after initial installation and all sections of hose and tubing including connections, couplings, clamps, conductivity and bonding should be inspected frequently, regularly and consistently, and should be replaced, adjusted or re-tightened for the avoidance of leakage, for the prevention of injuries or damages, and for general safety purposes. Except as indicated in its Limited Warranty, Seller shall not be liable or responsible for direct or indirect injuries or damages caused by or attributed to the failure or malfunction of any Products sold or distributed by it.

Purchasers or users of the Products should frequently and consistently undertake inspections and protective measures with respect to the use and application of Products, which should include the examination of tube and cover, conditions of the hose or tubing, and the identification, repair or replacement of sections showing cracking, blistering, separations, internal and external abrasions, leaking or slipped couplings or connections and make proper proof tests.

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