

# Mais Tone

## Features

- Reduced labour and installation cost
- The emitter exponent (n) shows how tolerant is the dripper to pressure variations (high uniformity of the water application and nutrient distribution along the laterals)
- Large turbulent flow path, 24 filtration inlets in dripper design ensures very high resistance to clogging
- Lowest Coefficient of Variation (CV) in The injection molding procedure
- Lower friction loss due to joint less design, allows longer runs and fewer mainlines
- Stringent quality checks at every stage of production and for each coil ensure a high quality product
- Standard and custom emitter spacing available in multiples of 10 to 200 cm
- The In-line Emitter is a labyrinth type, turbulent flow dripper. The emitter is enclosed and inseparably welded to the inside wall of the tubing as it is extruded in the manufacturing process



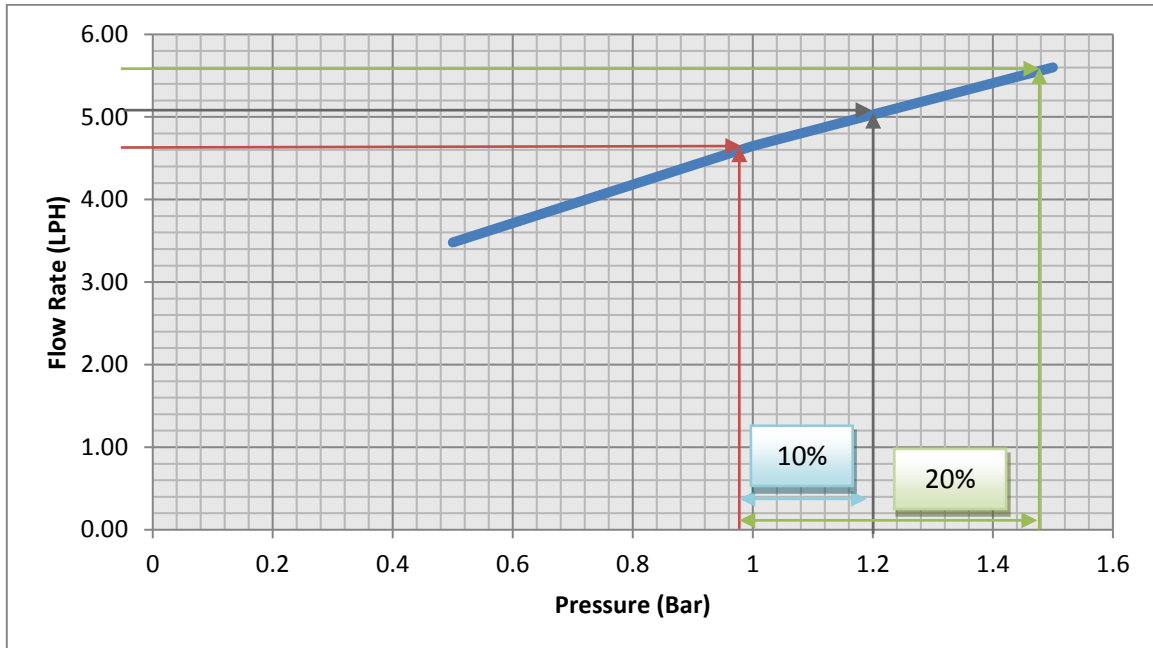
## Application

- Mais Tone is the most effective and economical choice for
- Vegetable Crops
- Row Crops & Green houses
- Vineyard & Fruit trees

$$Q = KH^n$$

## Flow Rate vs. Pressure

Mais Tone 4.6 LPH, 16 mm



### Design Tolerance

Design Tolerance (Bar)	Flow Variation %		
	10%	15%	20%
	0.20		0.48

### Performance Table

Maximum Pressure (Bar)	Recommended Operating Pressure (Bar)	coefficient of variation (CV)	Emitter Constant (K)	Emitter Index (n)	Hazen-Wilams C Factor
3	1	<5	4.65	0.43	140