HYGROTECH
SUSTAINABLE SOLUTIONS

VARIETY PROFILES 2014

TOMATO, FRESH MARKET, INDETERMINATE ROUND

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VARIETY	DISEASE RESISTANCE	AVG WEIGHT	SHAPE	SHOULDERS	REMARKS
LARGE					
BIG RED*	ToMV; Va, Fol:0-1, TYLCV (IR); TSWV (IR), Ma/Mi/Mj (IR).	150-300g	Flat Beefsteak	Uniform	Strong Summer variety with extra large multi-locular beefsteak type fruit. Medium generative with good leaf cover.
BHN 98	ToMV; V; Fol:0-2	160-180g	Round	Light green	Suited to all production types. High production, consistent set, firm fruit.
BHN 319*	ToMV; V; Fol:0-1; Ma,Mi,Mj(IR)	160-180g	Flat Round	Light green	Similar to BHN 98: slightly flattened round fruit and added Nematode resistance.
BOUDICA*	V, Fol: 2, ToMV, Aal, TYLCV, TSWV, Ma/Mi/Mj	180 - 200g	Round	Uniform	Excellent quality fruit for fresh market.
MKUZE*	ToMV, V, Fol:0-1, TSWV(IR), Ma/Mi/Mj (IR), TYLCV (IR)	160-180g	Flat Round	Uniform	Ideal for production in open field or under protection. Thick, firm fruit walls for long shelf life.
VITALIANA*	ToMV(0,2); Va, Vd, Fol:0-1, Ma,Mi,Mj (IR), TYLCV(IR)	150-180g	Flat Round	Uniform	Open field medium to large fruit for a longer crop. Very good production potential. Strong root system. High quality fruit with uniform shoulders.
MEDIUM					
AFAMIA*	ToMV; Va; Vd; Fol:0-1; For; Ma, Mi, Mj (IR); TSWV (IR)	125-180g	Flat Round	Uniform	Summer production. Vigorous grower with good leaf cover. Very uniform, firm, long shelf life with a thick fruit wall. Adapts in a wide range of conditions.
ALFAR*	ToMV, Va, Vd, Fol:0-1, Aal, Ma,Mi,Mj (IR), TSWV(P0, IR), TYLCV(IR)	120-180g	Flat Round	Uniform	Open field or greenhouse: long crop. Firm, quality fruit with long shelf life. Vigorous plant with medium internodes. Small blossom end.
SYLVIANA*	ToMV, Va, Vd, Fol:0-2, Ff1-5, Ma, Mi, Mj(IR), TSWV(P0,IR), TYLCV(IR)	120-150g	Flat Round	Uniform	Very vigorous variety with excellent production and quality "chain-store" type fruit. Mainly for soil or container grown protected conditions in summer.
ROXANNE*	ToMV, V, Fol:0-1, M(IR), TYLCV(IR), TSWV(P0,IR)	120-150g	Flat Round	Uniform	Open field or under protection. Firm Long shelf life fruit with thick walls. Marketing will be supermarket pre-packing and fresh markets.
LOLA* (1311)	V, Fol:0,1,2, ToMV, TYLCV, TSWV, Ma/Mi/Mj	160 - 190g	Flat Round	Uniform	Open field production with good tolerance to leaf diseases. Large size with a long shelf life.
MONET	ToMV (IR), Va, Fol:0-1, Ma/Mi/Mj (IR)	130-160g	Flat Round	Uniform	Vigorous growth with good leaf cover. Average of five fruit per truss. Small blossom-end scar. Thick walls and long shelf life.
SISLEY	Va, Fol:0-1, ToMV (IR), TSWV (P0,IR), Ma/Mi/Mj (IR)	120-160g	Flat Round	Uniform	Protected & open field production. Vigorous growth with good leaf cover. Exceptional set. Good internal colour. Thick walls and long shelf life. Vigorous roots: strong against root disease.
SMALL, TRUSS HARVESTING					
PITENZA	ToMV, Va, Vd, Fol:0-1	80-120g	Round	Uniform	Plastic structures. Truss or loose harvest. Good fruit set in unheated greenhouses under temperate climate. Strong against cracking with an exceptionally good shelf life potential harvested ripe.
DIRK	ToMV, Va, Vd, Fol:0-1, For, On(IR).	120-140g	Slightly flattened Round	Uniform	Plastic structures. High quality truss or loose harvest. Can be grown in summer and heated winter structures. Easy setting of Truss harvestable fruit under varied conditions.

* This variety is not on the official varietal list yet, but an application will be or has been lodged.

TSWV: Tomato Spotted Wilt Virus	**Va=*Verticillium alboatrum* , Vd=*Verticillium dahliae, V: Verticillium* wilt**
TYLCV: Tomato Yellow Leaf Curl Virus	**Ss, Sbl, Sl: Stemphyllium**
ToMV: Tomato Mosaic Virus	**For: *Fusarium* crown and root rot (*Fusarium oxysporum f. sp. radicis-lycopersici*)**
Aal: *Alternaria alternata f.sp. lycopersici* (*Alternaria* stem canker)	**Ff: Fulvia fulva**
Ma/Mi/Mj: *Meloidogyne arenaria, incognita, javanica* (Root Knot Nematode)	**Fol: *Fusarium* Wilt (*Fusarium oxysporum f. sp. lycopersici)***
On: *Oidium neolycopersici* (ex *Oidium lycopersicum*)	**IR: Intermediate Resistance, HR: High Resistance**