SATELLITE

HZ 87 AM 027 x SATURNA

SATELLITE is a maincrop processing variety especially for the crisping market, with low sugar levels. It has round oval tubers with light yellow flesh and yellow skin. This variety is predominantly used in North West Europe.

Characteristics

Maturity	8
Foliage development	7
Dormancy	7
Colour of skin	G
Colour of flesh	LG
Yield	7
Shape uniformity	7
Size of tubers	6
Shape of tubers	R–RO
Shallowness of eyes	6
Cooking type	BC
% D.M.	23,5
Harvest damage	7
Black spot	5
Discol. after cooking	7
French fries index	7
Crisps index	8

Resistances

PCN Ro 1	very resistant
PCN Pa 2+3	susceptible
Leaf blight	6
Tuber blight	7,5
Early blight	4
Common scab	8
Wart disease race 1	resistant
PVY (leaf resis.)	susceptible

Crop protection

Metribuzin	less susceptible
CIPC	susceptible

Comments

SATELLITE has a long dormancy period and good storage capability. It is suitable for all soil types with strong resistance to common scab. It requires high and regular fertilisation to secure consistent growing. SATELLITE gives high tuber count and is not susceptible to internal damage.

Legend on the next site

Characteristics

Maturity	9 = very early (60 days)
	1 = very late (150 days)
Foliage development	9 = very good
	1 = very poor
Dormancy	9 = long dormancy
	1 = short dormancy
Colour of skin	B = white
	LG = light yellow (pale)
	G = yellow
	R = red
Colour of flesh	W = white
	C = cream
	LG = light yellow
	G = yellow
	DG = dark yellow
Yield	9 = very high
	1 = very low
Shape uniformity	9 = uniform
	1 = irregular
Size of tubers	9 = very large
	1 = very small
Shape of tubers	R = round
	RO = round oval
	O = oval
	LO = long oval
	L = long
Shallowness of eyes	9 = very shallow eyes
	1 = very deep eyes
Cooking type	A = firm cooking
	B = fairly firm
	C = floury
	D = very floury
% D.M.	for French fries between 19 and 23 %
	for crisps between 22 and 25 %
Harvest damage	9 = not susceptible
	1 = very susceptible
Black spot	9 = not susceptible
	1 = very susceptible
Discol. after cooking	8 = no discouloration
	1 = extreme discouloration
French fries / Crisp index	8 = most suitable
	1 = not suitable

Resistances

PCN Ro	very good resistance to
	very susceptible to
PCN Pa	very good resistance to
	very susceptible to
Leaf blight	9 = resistant
	1 = very susceptible
Tuber blight	9 = resistant
	1 = very susceptible
Early blight	9 = resistant
	1 = very susceptible
Common scab	9 = resistant
	1 = very susceptible
Wart disease race 1	immune
	susceptible
PVY (leaf resis.)	very good resistance to
	good resistance to
	moderately resistance to
	susceptible to
	very susceptible to