

Vegetable seeds



VEGETABLE
SEEDS

FORAGE CROPS
AND AROMATICS



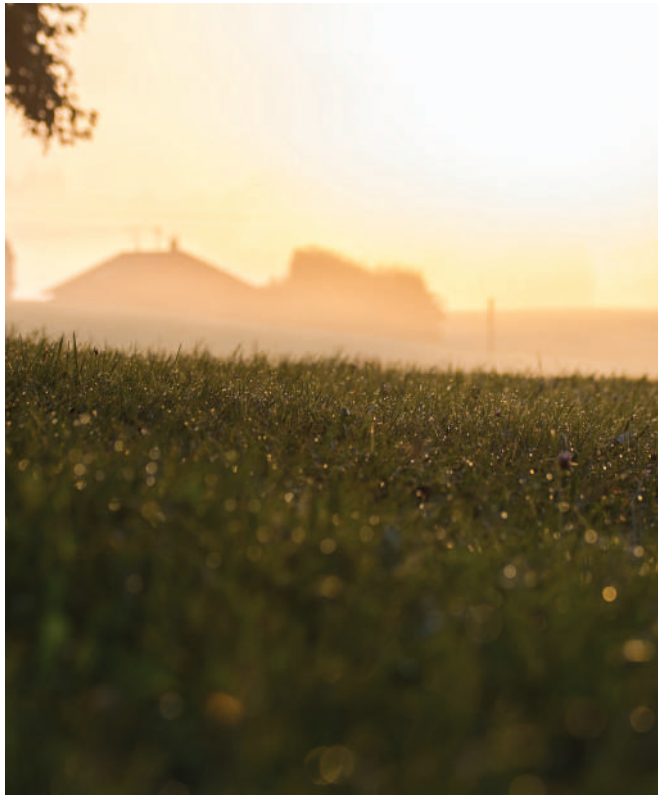
GSN-Seeds is an historical company of the French vegetable seeds industry. Affiliated to Vivadour, an agricultural cooperative located into the Gers, it markets nearly 500 varieties of vegetable, forage and flowers seeds.





VEGETABLE SEEDS

One site is specialized in the creation of in peas and beans. Another one is specialized in the maintenance of public domain species. Our own varieties are the leaders for several years in the French canning and frozen food industry, under the brand name BLONDEAU. Our range of «export» varieties is regularly enriched with new varieties resulting from our research program.



MULTIPLICATION

Our seeds are grown by involved french farmers into traditional vegetable seeds production area. Our agronomic team is reinforced and trained to ensure the best production follow-up. GSN Seeds produces more than 500 varieties on 2500 ha. With 80% french origin, GSN Seeds wants to master the production process and ensure the highest satisfaction of its customers. The varied climatic and agronomic characteristics as well as the unique organization of the isolations make the French territory an unequalled wealth in the world.





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editorial

We are pleased to share with you the brand new catalogue of our standard products.
Our varieties are designed to follow the professional standards according to the
internal quality and verification process, validated by all employees.
The depth of the range shows GSN's desire to exploit all market segments.

Our sales representatives will be happy to advise you.



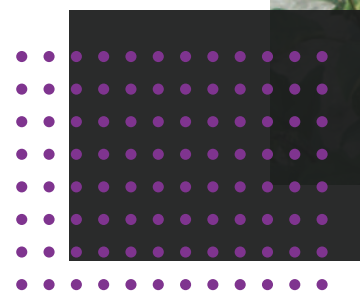
EGGPLANTS

SOLANUM MELONGENA



OPEN FIELD

Our different eggplants are all designed for open field production.



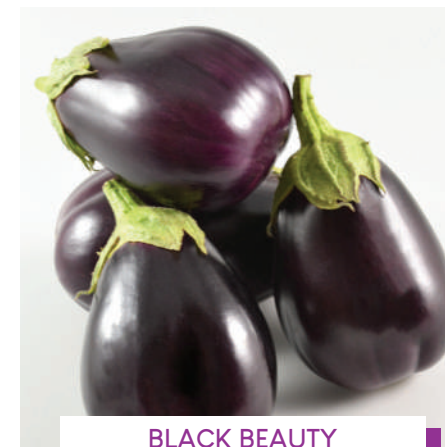
VARIETIES	FRUIT SHAPE	LENGTH (cm)	COLOUR	WEIGHT (gr)	TOLERANCES	DESCRIPTION
BLACK BEAUTY		12 to 15cm	Dark purple	400 to 450	NC	Semi-early variety. Very large and oval aubergine. Shiny.
RONDE DE VALENCE		12 to 15cm	Medium green	220 to 260	NC	Productive, medium-early variety with very large, round fruits. Shiny black. Particularly adapted to southern areas.
VIOLETTE LONGUA 3		25 to 28cm	Medium green	150 to 220	NC	Suitable for open field and greenhouse cultivation. Good quality and taste. Early and wide-spread production.



AFRICAN EGGPLANTS

SOLANUM MELONGENA

VARIETIES	FRUIT SHAPE	COLOUR	WEIGHT (gr)	DESCRIPTION
New TOUBA		Creamy white to red	20gr	Early African eggplant. Elongated in a cluster, smooth.
BOUAKÉ		Light green to ivory white	20 to 30gr	Beautiful plant with regular foliage. Fruit slightly flattened. Length: 4 to 5 cm. Tolerance: NC.
New ILEBO		Cream and light green stripes	50gr	Elongated shape. Produces sweet tasting fruit. Tolerant to mites.
New KAYA		Creamy white	50gr	African aubergine. Sweet flavour. Flattened, ribbed shape. Small fruit popular in Africa.
New SEGOU		Greenish cream	150gr	Very vigorous plant, medium early, 70 days. Large size fruits, flat ribbed. Very firm.
New MOPTI		Creamy white	200gr	The fruit colour and its sweet bitter flavour make it a very popular variety appreciated by consumers.
OEUF F1		Cream	50gr	High yield potential. Egg-shaped and sweet flavour. Early variety.



BLACK BEAUTY



RONDE DE VALENCE



VIOLETTE LONGUA 3



AFRICAINA BOUAKÉ



KAYA



TOUBA



MOPTI



DID YOU KNOW?

African eggplant is originally grown in tropical climate of central and western Africa, but is well adapted to other regions with similar climate.



BEETS

BETA VULAGRIS

COMPARE
OUR VARIETIES



VARIETIES	SHAPE	COLOUR	FOLIAGE	DESCRIPTION
VEGETABLE BEETS				
BULL'S BLOOD	Conical	Red	Dark red (wine lees)	Zoned flesh. Compact variety with beautiful red leaves. Can be harvested as young shoots.
CRAPAUDINE	Conical narrow	Red Black	Dark green anthocyanic	Very sweet flesh. Variety with important vegetation. Very long, black roots, up to 20cm. Ideal for autumn and winter harvest.
CYLINDRA	Oblong narrow	Brownish red	Red green	Red flesh. Variety with important vegetation, slightly anthocyanic. Cylindrical root 10 to 14cm long, 6 to 7cm diameter.
D'ÉGYPTE	Plate	Red	Dark green	Vermilion red flesh. Variety with little vegetation. Characteristically flat, medium-sized root with very smooth, highly coloured skin. Keeps well.
DÉTROIT 2	Circular	Red	Red green	Carmines red flesh. Early variety, fast growing and and low vegetation. Medium-sized round root with smooth, coloured skin.
FODDER BEETS				
JAUNE D'ECKENDORF	Elongated cubic	Yellow	Blond green	High yield. Abundant foliage. Cubic root.
ROUGE D'ECKENDORF	Elongated cubic	Red	Red green	Large anthocyanin leaves. Large red root with pink flesh.
JAUNE GÉANTE DE VAURIAC	Elongated pointed	Orange	Light green	High yield. Very light green with little growth. Orange to red roots, elongated and pointed. Very productive variety.
GÉANTE BLANCHE	Elongated	White	Green	Elongated white root of very large size.
GÉANTE ROUGE	Elongated	Red	Red green	50% half off ground. Late variety with a large, elongated root. Dense, slightly anthocyanic foliage.

JAUNE
D'ECKENDORF



GÉANTE
ROUGE

ROUGE
D'ECKENDORF

JAUNE GÉANTE
DU VAURIAC



BULL'S BLOOD



CRAPAUDINE



CYLINDRA



D'ÉGYPTÉ



DÉTROIT 2



JAUNE D'ECKENDORF



ROUGE D'ECKENDORF



JAUNE GÉANTE DE VAURIAC



GÉANTE BLANCHE



GÉANTE ROUGE





BLANC AMÉLIORÉ



PLEIN BLANC AMÉLIORÉ PUVIS



ROUGE D'ALGER

DID YOU KNOW?



Sown or planted in spring, cardoons now have beautiful ribs, ready to be eaten. To make them tender and delicious, they must be blanched. This can be done as early as September.

VARIETIES	DESCRIPTION
BLANC AMÉLIORÉ	A variety with very light green foliage, without spines, with a very sharp edge. White, fleshy stems.
PLEIN BLANC AMÉLIORÉ PUVIS	A variety with light green foliage, not very large. Wide, white and fleshy ribs.
ROUGE D'ALGER	Typical variety with red ribs.



BLANCHE HÂTIVE

VARIÉTÉ	DESCRIPTION
BLANCHE HÂTIVE	Witloof Normale is a classic variety for the production of crisp and perfectly white chicory.





MERCADO DE PARIS



ROYAL CHANTENAY



KURODA



AMSTERDAM 2



MUSCADE



CHANTENAY COEUR ROUGE 2



NANTAISE AMÉLIORÉE 2



TOUCHON













LONGUE DE MEAUX



FLAKEE 2



BERLICUM 2

VARIETIES	SHAPE	SIZE (cm)	PRECOCITY	FOLDING	DESCRIPTION
MERCADO DE PARIS		3-4	++++	Flat shoulder shape	Attractive and original shape. Very early variety with a small root that is wider than it is long, a little flattened at both ends.
ROYAL CHANTENAY		14-16	+	Very strong shoulder	Very productive. Semi-late variety with medium green, drooping foliage. The root is medium long and coloured, large and conical, without green collar. Likes heavy soils. Very productive and uniform.
KURODA		14-18	++	Strong shoulder	A variety with a very long, conical root. It does not produce hearts. Medium-late variety. Harvesting with leaves possible.
AMSTERDAM 2		15-18	++++	Conical to round	Beautiful root colour. Very suitable for early cultivation, it will compete with Touchon in its earliness.
CHANTENAY COEUR ROUGE 2		16-18	++	Very flat shoulder shape	Beautiful root colour. Crisp and delicious texture. Carrots like a sunny spot.
NANTAISE AMÉLIORÉE 2		18-22	++	Round shoulder shape	Medium-sized foliage. Regular, almost cylindrical roots of a beautiful orange-red. Small heart.
TOUCHON		18-22	++++	Conical to round	A Nantaise type variety, original for its very anthocyanic collar. Cylindrical root shape. Very productive and uniform.
LONGUE DE MEAUX		18-22	+	Round shoulder shape	Good root colour. Long, very red root, good shelf life.
FLAKEE 2		22-24	+	Flat shoulder shape	Nice uniform colouring. Produces large, sweet, red-fleshed roots.
BERLICUM 2		22-24	+	Flat shoulder shape	Beautiful shiny orange colour. Fleshy root, without heart, with orange flesh. Late season variety with good shelf life.

+: Late
++ : Good earliness
++++ : Very early

 FIND ALSO...

Jaune du Doubs fodder carrot,
Blanche à Collet Vert fodder carrot,
off-earth and many others...



CABBAGE

BRASSICA OLERACEA VAR. CAPITATA



VARIETIES	SHAPE	WEIGHT (kg)	COLOUR	DESCRIPTION
BACALAN DE RENNES	Broad elliptic	1,1 to 1,4	Green yellow	Variety well adapted to coastal areas. Early variety giving characteristic pointed head and bluish coloured heads.
MARCHÉ DE COPENHAGUE	Circular	1,2 to 1,5	Green	Good leaf coverage. Beautiful, spherical head, very tight and firm. Smooth, light foliage, not very developed.
COEUR DE BOEUF DES VERTUS	Broad elliptic	2 to 2,5	Green blue	Conical head. Early variety. Blue green head, very compact for this hardy and productive variety.
BRUNSWICK	Aplatie	2,5 to 3,5	Green	Very productive. A variety with beautiful green foliage, flattened and tightly clustered heads.
TRONCHUDA	Set of leaves	-	Green	The large, white-ribbed leaves are harvested and, after cooking, are particularly tender. Smooth, tightly ribbed leaves at the end of a short stem. Very tender leaves.



FODDER CABBAGE

BRASSICA OLERACEA VAR. CAPITATA

VARIETIE	COLOUR	DESCRIPTION
PROTEOR	Green	Of the Green Rider type. Very vigorous, large plant with very broad green leaves. Very cold resistant variety.



PROTEOR cabbage in real-life conditions!



MILAN CABBAGE

BRASSICA OLERACEA VAR. SABAULA



VARIETIES	COLOUR	DESCRIPTION
D'AUBERVILLIERS	Dark green	Fairly short stems, dark green, finely blistered foliage. Flat and voluminous apple.
DE PONTOISE 2	Glaucous green	Foliage is abundant, glaucous green, coarsely blistered. Large, very hard, tightly packed apple, forming quite late and taking on a slightly purplish hue.



CAULIFLOWER

BRASSICA OLERACEA VAR. BOTRYTIS

VARIETIES	FORME	WEIGHT (kg)	PRÉCOCITÉ	HEAT RESISTANCE	DESCRIPTION
MERVEILLE DE TOUTES SAISONS	Broad elliptic	1,8 to 2,2	++	★★★★★	Dark green, upright foliage covering the large, white apple. Covered apple.
SNOWBALL X	Rounded flat	1,2 to 1,5	++++	★★★★★	Early variety with good heat resistance. Fine-grained apple.

+: Late
++ : Good earliness
++++ : Very early



CHINESE CABBAGE

BRASSICA OLERACEA



PAK CHOI



PE-TSAI

VARIETIES	COLOUR	DESCRIPTION
PE-TSAI	Soft green	Pe-Tsai is a dense apple. The long, thick-ribbed, soft green leaves are slightly wavy at the margins.
PAK CHOI	Dark green	Leaves inverted around the middle, darker green, with a long fleshy stalk. The leaves form a rosette that resembles a chard.

TURNIP CABBAGE

BRASSICA OLERACEA



RUTABAGA JAUNE À COLLET VERT



RUTABAGA JAUNE À COLLET ROUGE

VARIETIES	DESCRIPTION
RUTABAGA JAUNE À COLLET VERT	An early and hardy variety that produces a yellow-green root with smooth skin.
RUTABAGA JAUNE À COLLET ROUGE	Hardy and very productive variety, giving a yellow and red root with smooth skin.

 FIND ALSO
RAVE DI VIENNA BLANCO

RED CABBAGE

BRASSICA OLERACEA



ROUGE TÊTE NOIRE 3



ROUGE GROS

VARIETIES	SHAPE	COLOUR	WEIGHT	DESCRIPTION
ROUGE GROS	Round	Dark red	1,5 to 2kg	Pe Tsaï is a dense, elongated apple. Its long, thick-ribbed, soft green leaves are slightly wavy at the edges.
ROUGE TÊTE NOIRE 3	Round	Very dark red	2kg	Large, round and very dense apple with a beautiful dark red colour. Very short stem.



SMOOTH CUCUMBERS

CUCUMIS SAVITUS



VERT LONG MARAICHER



FERGOUZ VERT FONCÉ



FERGOUZ VERT CLAIR

VARIETIES	FRUIT LENGHT (cm)	COLOUR	HEAT RESISTANCE	PRODUCTION	DESCRIPTION
VERT LONG MARAICHER	25 to 30 cm	Dark green	★★★★★		Very long, almost cylindrical fruits.
FERGOUZ VERT FONCÉ	Up to 80cm	Dark green	★★★★★		Runner of the melon family. Very resistant to heat. Late season cucumber.
FERGOUZ VERT CLAIR	Up to 80cm	Light green	★★★★★		Runner of the melon family. Very resistant to heat. Late season cucumber.

PRICKLY CUCUMBERS

CUCUMIS SAVITUS

VARIETIES	FRUIT LENGHT (cm)	COLOUR	HEAT RESISTANCE	PRODUCTION	DESCRIPTION
VERT LONG ANGLAIS	20 cm	Dark green	★★★★★		Older variety, hardy and productive. Spiny, full-bodied, almost cylindrical fruit.
POINSETT	20 cm	Dark green	★★★★★		Crunchy cucumber with firm seeds. Very productive variety.
MARKETER	25 cm	Dark green shiny	★★★★★		Early, vigorous and productive variety. Half-long, cylindrical fruits.



VERT LONG ANGLAIS



POINSETT



MARKETER

PICKLE

CUCUMIS SAVITUS



VERT PETIT DE PARIS

VARIETIES	FRUIT LENGHT (cm)	COLOUR	DESCRIPTION
VERT PETIT DE PARIS	5	Dark green	Vigorous plant. Cylindrical and spiny fruits.



Our little tip



Pickles are grown on deep and well fertilized soils. They must be exposed at the sun. Sowing could be both done in green house of openfield. The main diseases are mildew and powdery mildew.



BUTTERNUT



MUSQUÉE LONGUE DE NICE



MUSQUÉE DE PROVENCE



SUCRINE DU BERRY

DID YOU KNOW?

Originally from Berry, as its name suggests, it was rediscovered in the 1980s and has since been classified as a vegetable to be preserved for the pleasure of our taste buds in Slow Food's worldwide inventory of the Ark of Taste*.

*Slow Food is a not-for-profit association funded by its members and was founded in 1989 to counter the fast food and fast life phenomenon, as a reaction to the disappearance of local food traditions, and to encourage citizens to become more aware of their food

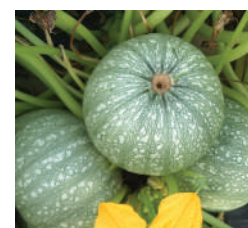
VARIETIES	COLOUR	DESCRIPTION
BUTTERNUT	Pinkish beige	A variety of squash with elongated fruit, swollen at the end. The flesh is orange, firm and fine with a mild, sweet taste.
MUSQUÉE LONGUE DE NICE	Pinkish beige	Long, narrow, cylindrical fruits, swollen at the top and streaked with light green. The young fruits, 18-20 cm long, are used like courgettes.
MUSQUÉE DE PROVENCE	Pinkish beige	Early, vigorous and productive variety. Half-long, cylindrical fruits.
SUCRINE DU BERRY	Green to copper beige	The sucrine du Berry can be recognised by its pear shape. Its bright orange flesh is fine, dense (not floury), soft and slightly musky, which makes it suitable for savoury recipes.



PÂTISSON BLANC



WHITE LEBANON



RONDE DE NICE



QUARANTAINE



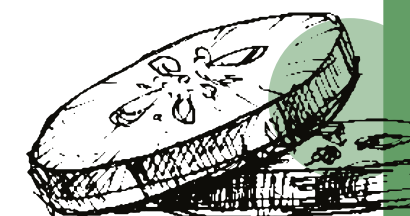
VERTE PETITE D'ALGER










BLACK BEAUTY



VERTE NON COUREUSE DES MARAICHERS



VARIETIES	SHAPE	FRUIT COLOUR	DESCRIPTION
PÂTISSON BLANC		White	Variety producing characteristic flattened fruits. The flesh is white and firm, with a subtle artichoke-like taste and artichoke-like flavour and low sugar content.
WHITE LEBANON		Very light green	Beautiful cougette with cream-coloured flesh. Slightly club-shaped fruit.
RONDE DE NICE		Medium green with light green flecks	Plant with a short, thick stem and broad, elongated lobed leaves, bright green in colour. Round, slightly ribbed fruits. Soft flesh.
QUARANTAINE		Light green mottled	Variety particularly resistant to high temperatures. Elongated fruit.
VERTE PETITE D'ALGER		Medium green mottled light green	Medium vigour plant, with a short stem and compact habit. Leaves are sharply cut, green with grey markings. Fruits slightly club-shaped.
BLACK BEAUTY		Dark green glossy	A variety that produces elongated, cylindrical fruit with a beautiful colour. Enjoy the tender white flesh of the fruit when picked young.
VERTE NON COUREUSE DES MARAICHERS		Dark green	Very good leaf coverage. Vigorous plant. Sweet variety for production and/or sale.



SPINACHS

SPINACIA OLERACEA



MATADOR

VARIETIES	DESCRIPTION
MATADOR	Very interesting variety for spring and summer crops as it is very slow to set seed. Produces a large smooth and bright green leaves number.
MONSTRUEUX DE VIROFLAY	A spinach with large, smooth, thick leaves of a beautiful, bright green colour. A variety that can grow very large, especially in rich, well-smoked soils. Produces large leaves up to 25cm long and 20cm wide.



MONSTRUEUX DE VIROFLAY



BROAD BEANS

VICIA FABA



D'AGUADULCE À TRÈS LONGUE COSSE



SÉVILLE

VARIETIES	DESCRIPTION
D'AGUADULCE À TRES LONGUE COSSE	With very long pods from 35 to 40 cm. Each pod produces 7 to 9 beans with a mild, sweet taste.
SÉVILLE	A mid-season, fairly late variety, designed to produce large, long pods.



GOMBO

ABELMOSCHUS ESCULENTUS



DIVO



CLEMSON SPINELESS



TERIMAN

New

New

VARIETIES	LENGTH (cm)	COLOUR	PRODUCTIVITY	DESCRIPTION
CLEMSON SPINELESS	10 - 15	Dark green	★★★★★	Tropical plant native from Africa, with fruits in a capsule.
DJOUNGBLÉ	10 - 12	Vert moyen	★★★★★	Pentagonal fruit shape. Very productive.
DIVO	8 - 10	Dark green	★★★★★	Octagonal fruit shape. Late variety.
TERIMAN	5 - 6	Dark green glossy	★★★★★	Pentagonal fruit shape. Very early variety.
BAOULÉ	4 à 5	Medium green	★★★★★	Pentagonal fruit shape. Very productive.



DWARF MANGETOUT BEANS

PHASEOLUS VULGARIS



COGITO



CIGAL



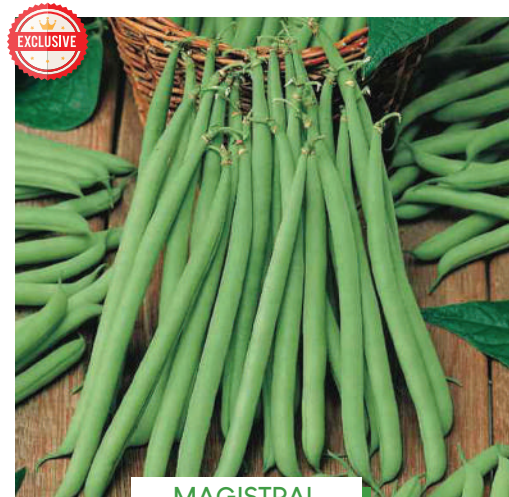
ANNIBAL



SUNRAY



RECITAL



MAGISTRAL



TRIOMPHAL



CONTENDER



DOMINAL



SIGNAL



BRAIMAR

	VARIETIES	POD (cm)	POD COLOUR	SEED COLOUR	DESCRIPTION
EXCLUSIVE	COGITO	+ 12	Green	White	Generous, staggered production for fresh and frozen markets. Variety with extra fine pods.
EXCLUSIVE	CIGAL	12 - 13	Dark green	White	Market mangetout type variety. Tender and tasty variety with extra fine pods.
EXCLUSIVE	ANNIBAL	13 - 14	Light green	Brown	Market mangetout type variety. Very good yield. Extra fine, tender and tasty pods. Easy to harvest. Semi-early.
	SUNRAY	15	Shiny light green	Dark purple	Can be harvested in several batches if harvested smoothly. Very high productivity.
EXCLUSIVE	RECITAL	15 - 17	Medium dark green	Beige brown	Single grain mangetout, Contender type. Original in its internal flowering, ample, light foliage.
EXCLUSIVE	TRIOMPHAL	16	Green	Marbled brown	An early variety with long, green pods slightly veined with purple. Good eating quality.
EXCLUSIVE	MAGISTRAL	16 - 17	Very dark green shiny	Black	Very good taste for this masterful bean.
	CONTENDER	17	Medium green	Brown	Market mangetout type variety. Light brown grain. Vigorous, upright plant.
EXCLUSIVE	DOMINAL	17 - 19	Medium green	Black	Mid-early mangetout bean of the declining type, which makes its harvest easier. Variety producing very fine pods.
EXCLUSIVE	SIGNAL	18 - 20	Light green	Brown	Market mangetout type variety. Very good yield. Extra fine pods, tender and tasty.
EXCLUSIVE	BRAIMAR	19 - 22	Medium green	Brown	Standard variety. Straight and fleshy pods. Suitable for hand harvesting. Good shelf life.



FLAT MANGETOUT BEANS

PHASEOLUS VULGARIS



ORIGINAL



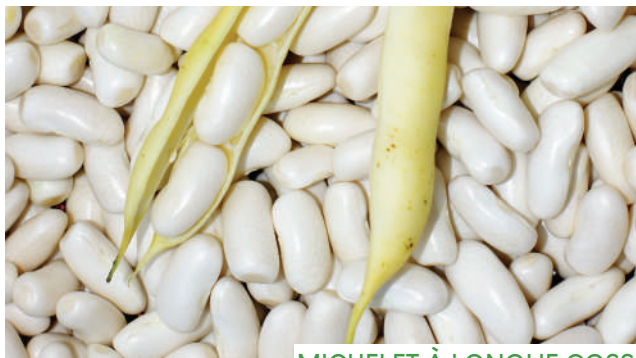
ROMANO BUSH

VARIETIES	POD (cm)	POD COLOR	SEED COLOUR	DESCRIPTION
ORIGINAL	15 - 19	Purple	Beige brown	Varied market mangetout type, with single-coloured seeds.
ROMANO BUSH	15 - 16	Light green	White	Semi-early variety. Very good yields and beautiful pods, pod width 1.5-1.8 cm. High yield.



MANGETOUT BEANS

PHASEOLUS VULGARIS



MICHELET À LONGUE COSSE



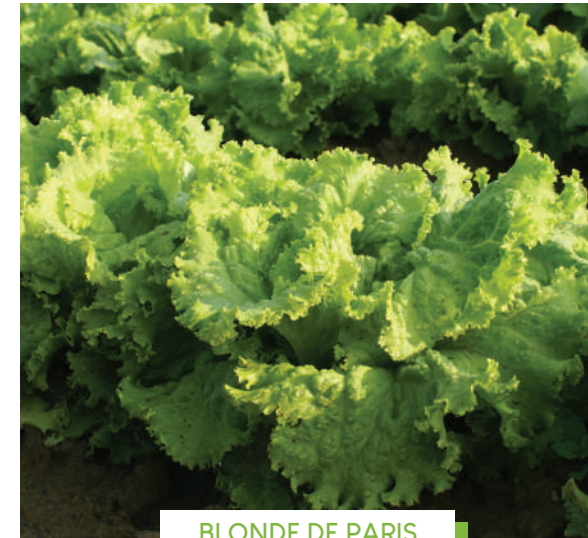
LINGOT DU NORD

VARIETIES	POD (cm)	POD COLOR	SEED COLOUR	DESCRIPTION
VERDELYS	10 - 12	Light green	Medium green	Medium upright plant. Semi-early. Good shelf life. Good yield. Gustatory quality. PMG : 300grs.
LINGOT DU NORD	12 - 13	Medium green	White	A traditional variety from the South-West, appreciated by connoisseurs for its large white grains that remain firm after cooking, eaten fresh or dried. Tasty variety.
MICHELET A LONGUE COSSE	15 - 17	Yellow	Veined white	A variety widely cultivated for its straight pods, containing large white kidney-shaped grains with a thin skin and a melting taste. PMG: 420grs. Early variety.



BATAVIA LETTUCE

LATUCA SATIVA



BLONDE DE PARIS



DE PIERRE BENITE



GREAT LAKES 118



DORÉE DU PRINTEMPS



REINE DES GLACES



ROUGE GRENOBLOISE

VARIETIES	SEASON(S)	EARLINESS	DESCRIPTION
BLONDE DE PARIS		Early half	A vigorous variety with large, light green, slightly embossed leaves, forming a dense, large apple. Sweet and crunchy flavour. Heat resistant.
DE PIERRE BÉNITE		Intermediate	Large, well-covered and very firm apple. Very crisp.
GREAT LAKES 118		Intermediate	Very good heat resistance. Heads are fairly heavy, hard, tightly packed, blond-green in colour. The leaves are ribbed and very crisp. Firm, heat resistant apple.
DORÉE DU PRINTEMPS		Semi early	An early Batavia variety with blond green leaves that quickly form a large head. Excellent eating quality.
REINE DES GLACES		Intermediate	Well-covered and very firm variety. Dark green leaves, deeply serrated and wavy, very crisp. Heat resistant.
ROUGE GRENOBLOISE		Intermediate	Good cold hardiness. Beautiful dark green apple with red border, firm, with wavy leaves. Firm and crisp.

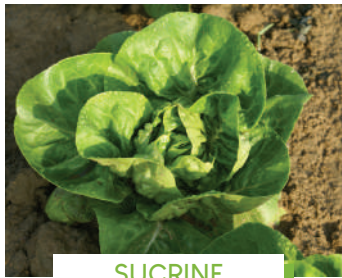


FATTY LETTUCES

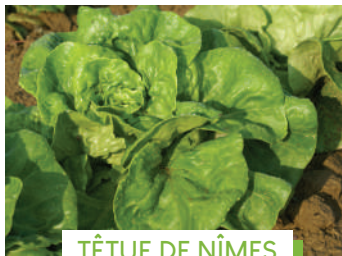
LATUCA SATIVA



MADRILÈNE



SUCRINE



TÊTUE DE NÎMES



NO SALADS
BETWEEN US !

Here, we show you a sucrine
cultivation.

VARIETIES	SEASON(S)	PRECOCITY	DESCRIPTION
MADRILÈNE		Early half	Recommended for areas with hot summers. It produces beautiful, tight, elongated apples with thick, slightly blistered leaves. Suitable for North African conditions.
SUCRINE		Intermediate	A slow-growing variety that produces small, tall, firm apples. Very thick, fleshy and crisp, dark green leaves. Recommended for southern regions. Heat resistant.
TÊTUE DE NÎMES		Early half	Lettuce forming a small, elongated, dense head with thick, crisp leaves. Slightly embossed, beautiful green. Small, dense head.

ROMAINE LETTUCES

LATUCA SATIVA



BLONDE MARAÎCHÈRE



VERTE MARAÎCHÈRE



PARIS ISLAND



COS GRAND RAPIDS

VARIETIES	SEASON(S)	PRECOCITY	DESCRIPTION
BLONDE MARAÎCHÈRE		Intermediate	Good variety, with large, firm, elongated, well-covered apples. Crisp, blond-green leaves. Well rounded at the top.
VERTE MARAÎCHÈRE		Intermediate	Beautiful early romaine lettuce. Elongated heads with tightly packed leaves. Firm and crisp.
PARIS ISLAND		Semi-early	Beautiful dark green apples with a contrasting white interior. Its blistered, crisp leaves have a tender, sweet taste.
COS GRAND RAPIDS		Intermediate	Dark green, very rounded, stocky and compact apple. The leaves harden quickly in the heat.

COS LETTUCES

LATUCA SATIVA



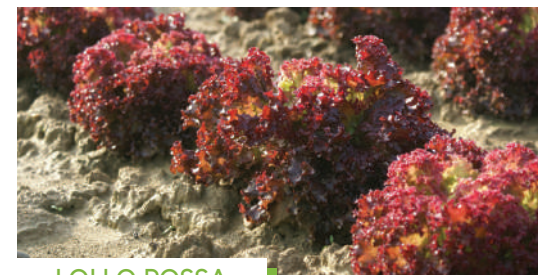
LOLLO BIONDA



RED SALAD BOWL

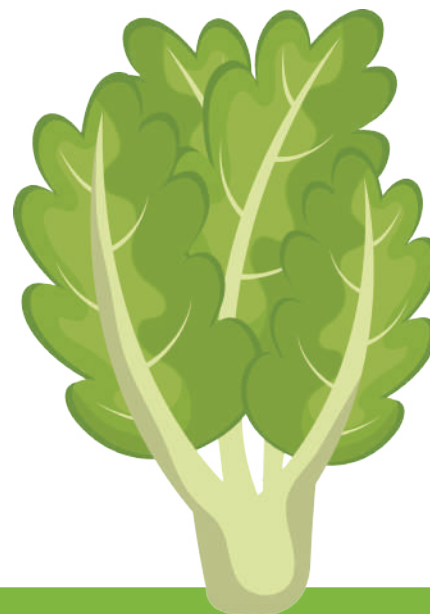


SALAD BOWL



LOLLO ROSSA

VARIETIES	SEASON(S)	PRECOCITY	DESCRIPTION
LOLLO BIONDA		Intermediate	A variety of lettuce with stunning, wavy, blond-green foliage with finely finely cut edges. Its leaves are full of flavour and crunchy in the mouth.
RED SALAD BOWL		Intermediate	Good seed set resistance. Voluminous and heavy, it produces many dark green leaves. Strongly reddish-brown tinted and very sharply cut. Very productive.
SALAD BOWL		Intermediate	A beautiful classic variety for cutting. Very tolerant of hot conditions, it can be harvested in all seasons. Excellent taste.
LOLLO ROSSA		Intermediate	Red, finely curled and wavy lettuce, very attractive and tasty. Does not produce apples.



HEAD LETTUCES

LATUCA SATIVA



DU BON JARDINIER



BRUNE D'HIVER



KINEMONTEPAS



KAGRANER SOMMER 2



GOTTE JAUNE D'OR



REINE DE MAI PLEINE TERRE



MERVEILLE DES QUATRE SAISONS



MERVEILLE D'HIVER



GROSSE BLONDE D'HIVER

VARIETIES	SEASON(S)	DESCRIPTION
DU BON JARDINIER		Very early variety, recommended for summer harvesting as it is very heat resistant. Leaves are blond green with red tinted edges. Large, firm apple. Very good heat resistance. Early season.
KAGRANER SOMMER 2		Very heat resistant variety. Green, slightly blistered, nicely embossed foliage. Very voluminous and firm apple. Earliness: intermediate.
BRUNE D'HIVER		A medium sized, semi-hardy winter lettuce with bronze waffle foliage and high resistance to cold. Ideal for spring harvesting. Firm and crisp. Semi-early.
KINEMONTEPAS		A variety well suited to summer harvesting as it is very slow to set seed. Large, firm apple. Grey-green leaves, very crisp. Precocious.
MERVEILLE DES QUATRE SAISONS		A variety that provides a quality harvest all year round. Attractive reddish-brown apple, voluminous and firm. Anthocyanin leaves. Semi-late season.
MERVEILLE D'HIVER		Winter variety, very hardy and early with good resistance to cold. Round, firm and voluminous apple. Blond green leaves. Very waffled leaves. Intermediate.
REINE DE MAI PLEINE TERRE		Medium-sized, blistered and slightly red-tinged apple variety. Not very resistant to heat and to going to seed.
GOTTE JAUNE D'OR		Medium-sized, blistered and slightly red-tinged apple variety. Not very resistant to heat and to going to seed.
GROSSE BLONDE D'HIVER		Cold hardy variety. Foliage is blond green, tender, very blistered and wavy, forming a large rounded head.

CORN SALADS

VALERIANELLA LOCUSTA



COQUILLE DE LOUVIERS

VARIETIES	COLOUR	DESCRIPTION
À GROSSE GRAINE	Matt green	Vigorous and early variety. Produces long, broad and very tender leaves.
RONDE MARAÎCHÈRE	Pale green	A compact, well-filled rosette of lamb's lettuce with thick, rounded leaves. A small-seeded, fast-growing variety with good resistance to cold. Erect, fairly long and broad leaves.
COQUILLE DE LOUVIERS	Shiny green	Small-seeded, hardy and very cold-resistant variety. Leaves are spoon-shaped and grouped in a broad rosette.
VERTE À COEUR PLEIN 2	Dark green	Rounded, short, smooth and deep green leaves. It is an hardy variety with excellent resistance to the cold even in winter.
VERTE D'ETAMPES	Dark green	Thick, dense leafed variety. Good resistance to cold and good productivity.
VERTE DE CAMBRAI	Dark green	Small-seeded, late variety. An excellent cold-resistant lamb's lettuce. Broad, rounded, thick leaves with excellent flavour.

PURSLANE

PORTULACA OLERACEA

VARIETIES	SOWING	DESCRIPTION
POURPIER DORÉ	April to June	Its large leaves are golden and crisp. It can grow from 15 to 25 cm in height. Purslane needs warm to grow. It likes a light, drained soil and a sunny position.

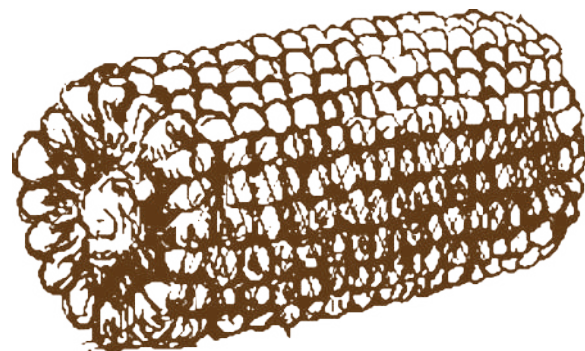


SWEET CORN

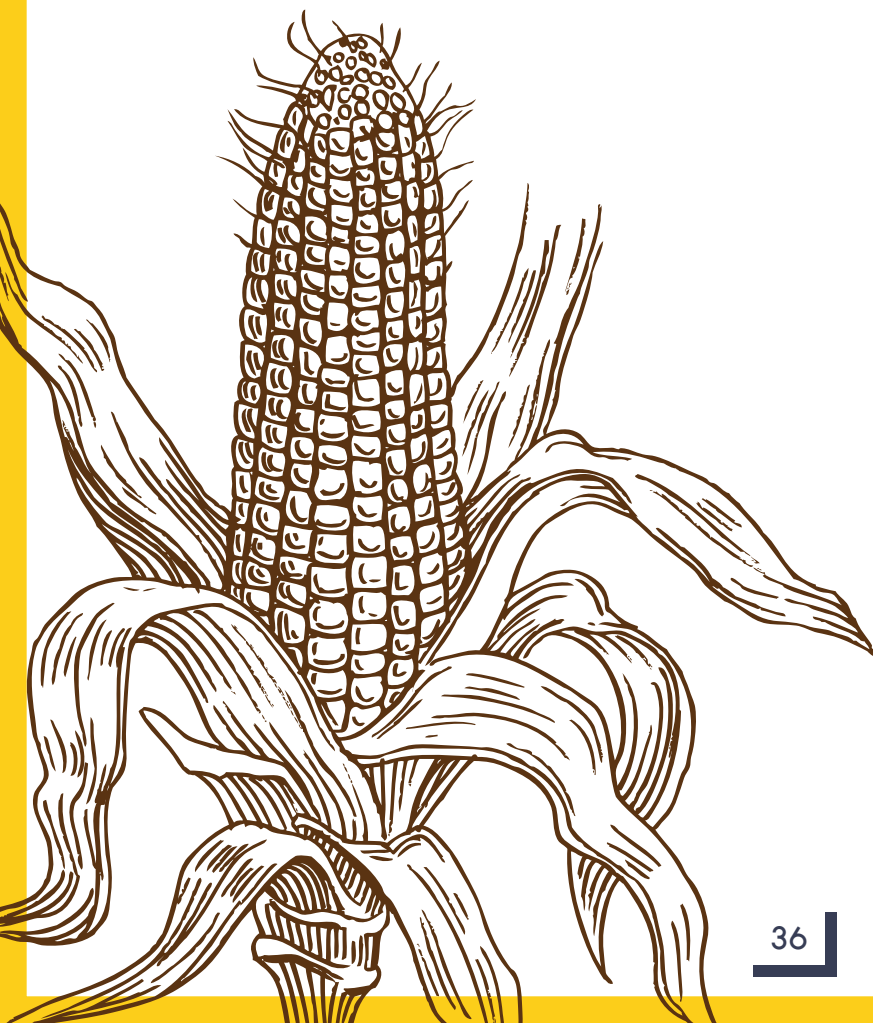
ZE A MAYS



GOLDEN BATAM



VARIETY	DESCRIPTION
GOLDEN BATAM	Sweet corn with beautiful ears and many very fine, sweet kernels. For fresh use. Semi-early.



MELONS

CUCUMIS MELO



CHARENTAIS



GALIA

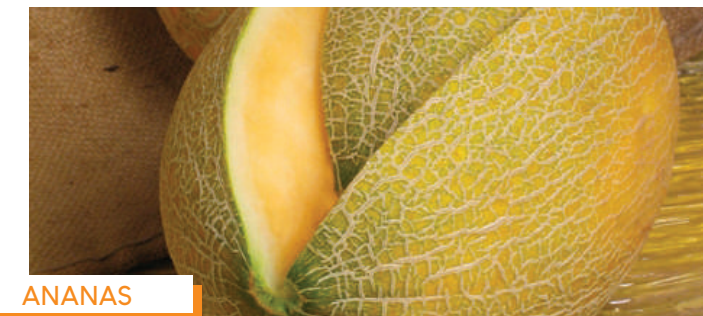
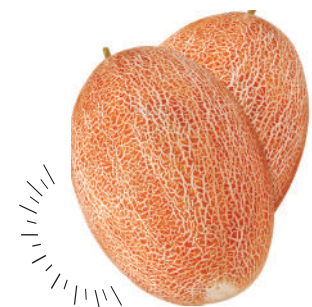


VARIETIES	Weight (kg)	SHAPE	DESCRIPTION
CHARENTAIS	0.5 to 1.5	Round	Cream and green melon with orange flesh. The fruit is fairly large, rounded, with a smooth, thin, whitish-green rind. Flesh sweet and very fragrant.
GALIA	1.6 to 1.8	Round	Excellent taste, very fragrant and sweet. Semi-early variety. Fruit with embroidered skin.



ANANAS MELON

CUCUMIS MELO



ANANAS

VARIETY	Weight	SHAPE	DESCRIPTION
ANANAS	300 to 500 gr	Oval	Robust plant suitable for field cultivation. Excellent quality fruit with lots of flavour.



CANARY MELON

CUCUMIS MELO



JAUNE CANARI 2



VARIETY	Weight (kg)	SHAPE	DESCRIPTION
JAUNE CANARI 2	2kg	Oval	Bright yellow oval fruit. Orange-yellow flesh when ripe. High yield and excellent post-harvest shelf life.



TURNIPS

BRASSICA RAPA



BLANC GLOBE À COLLET VIOLET



D'Auvergne Hâtive



D'Auvergne Tardive



De Croissy










Jaune Boule d'Or



Marteau



Rave du Limousin

Varieties	Shape	Description
BLANC GLOBE À COLLET VIOLET		Large turnip, 8 to 10 cm in diameter, white in colour with a purple upper third. Early variety.
D'Auvergne Hâtive		An early variety with a fast-forming root. Flat, white root with a pale red collar, which can become very large.
D'Auvergne Tardive		Late variety. The root is transverse elliptical, white with a bluish-purple collar, and can become very large.
De Croissy		Early variety, very fast growing. Long root, cylindrical, very white, with firm, sweet flesh.
Jaune Boule d'Or		Semi-hardy variety, with medium foliage and good keeping qualities. Round root, medium size, smooth, with yellow skin and flesh.
Marteau		Hardy variety, with abundant foliage and buried roots. Cold resistance. Conical root, with white skin and flesh, firm and very sweet. Good keeping qualities.
Rave du Limousin		A variety with well-developed foliage and large round roots up to 20 cm in diameter. The white flesh is soft and not very sweet.



OSEIL

RUMEX ACETOSA



Variété	Height	Description
De Belleville	25-40cm	Low plant with erect, light green leaves, similar to spinach. Perennial with large embossed leaves.



SHORT DAY ONIONS

ALLIUM CEPA



TEXAS GRANO 502



RED CRÉOLE



VIOLET DE GALMI

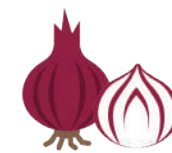
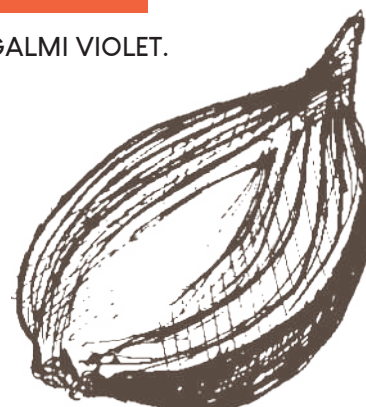


POMPEÏ

VARIETIES	DIAMETER (cm)	EXTERNAL COLOUR	INTERNAL COLOUR	DESCRIPTION
TEXAS GRANO 502	10 - 12	Golden yellow	White yellow	Circular shape. Long storage.
RED CRÉOLE	10 - 12	Red violet	White purple	The Red Creole onion is a good alternative to Violet de Galmi.
POMPEÏ	10 - 12	White	Silver white	White onion sought for its production, harvesting and storage qualities, but also for its culinary use as a pungent onion. Very early. Slightly larger, flattened bulb.
VIOLET DE GALMI	11 - 13	Pink violet	Pinkish-white	Flattened circular shape. Long storage.

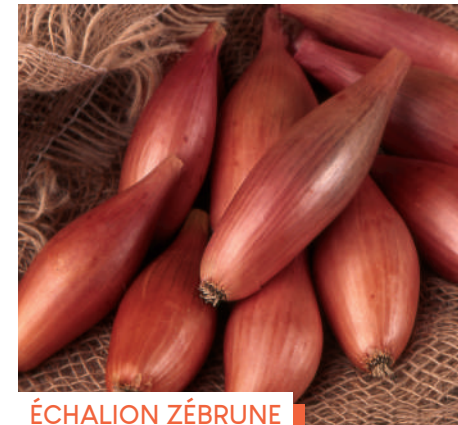
WITH YOU, WE ARE ALWAYS ON THE BALL!

Discover a superb field of GALMI VIOLET.



ONIONS DAY INTERMEDIATE

ALLIUM CEPA

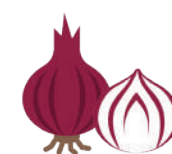


ÉCHALION ZÉBRUNE



BRONZE D'AMPOSTA

VARIETIES	DIAMETER (cm)	COLOUR EXTERNAL	COLOUR INTERNAL	DESCRIPTION
BRONZE D'AMPOSTA	9 - 12	Red brown	Pale pink	A late variety, with fairly vigorous foliage and good shelf life. Large spherical bulb. Reference variety for intermediate days.
ÉCHALION ZÉBRUNE	3 - 4	Red	Pale pink	Intermediate between the onion and the shallot with which it is often confused. The shallot produces elongated bulbs bulbs with pinkish-yellow flesh. Ideal for use in cooked dishes and salads.



ONIONS LONG DAYS

ALLIUM CEPA

DID YOU KNOW?

The onion is a fairly easy plant to grow in a mild climate with low humidity. However, the onion requires a sunny position.



DE BRUNSWICK

VARIETIE	DIAMETER (cm)	COLOUR EXTERNAL	COLOUR INTERNAL	DESCRIPTION
DE BRUNSWICK	6 - 8	Dark red	White purple	A late variety with excellent winter storage. Large, flat, thick, red, very dark brown bulb.



PARSNIP

RUMEX ACETOSA



DEMI LONG DE GUERNESEY

VARIETY	COLOUR	DESCRIPTION
DEMI LONG DE GUERNESEY	White	Very hardy variety with small foliage. Root is half-long, conical, very swollen at the top, with smooth skin. The firm, white flesh has a spicy flavour.



WATERMELON

CITRILLUS LANATUS



CRIMSON SWEET



GREY BELL



SUGAR BABY



CHARLESTON GRAY

VARIETY	SHAPE	WEIGHT (kg)	COLOUR INTERNAL	PRECOCITY	TOLERANCES	TYPE	DESCRIPTION
CRIMSON SWEET		+9	Dark red	Half late	F		Excellent yield. Very sweet taste. Can be transported by sea. Advantages: yield, sweet, suitable for transport.
GREY BELL		+12	Dark red	Half late	NC		Very heat resistant variety, fairly tolerant to anthracnose.
SUGAR BABY		+5	Red	Ealy	NC		Typical small watermelon with a round shape and dark skin colour. Hardy variety in warm conditions. Good yield and heat resistance.
CHARLESTON GRAY		10 - 17	Red	85 days	Anthracnose, Fusarium (races 1 et 3)		Vigorous and hardy plant. Recommended for long distance transport.



Cultural Focus



Native to Africa, watermelon is appreciated for its great refreshing power but also for its high vitamin content.





HOT PEPPER

CAPSICUM ANNUUM



DOUX TRÈS LONG DES LANDES



ANAHEIM CHILI



DE CAYENNE

VARIETY	COLOUR	EARLINESS	INTENSITY	PRODUCTION	TOLERANCES	DESCRIPTION
ANAHEIM CHILI	Dark green to red	Half-late			TMV	Very hot Anaheim pepper for fresh and industrial use.
DE CAYENNE	Green to bright red	Demi-tardif			TMV	A variety with elongated, slightly curved stems at the end, 7 to 8 cm long, with an ever burning, pungent flavour.
DOUX TRÈS LONG DES LANDES	Dark green to red	Demi-tardif			TMV	Sweet type. Very long, thin fruit.



HABANERO HOT PEPPERS

CAPSICUM ANNUUM



PIQUANT D'ALGÉRIE



ROUGE AFRICAÏN



ROUGE LONG



JAUNE DU BURKINA



BOULE DE FEU

VARIETY	COLOUR	EARLINESS	INTENSITY	PRODUCTION	TOLERANCES	DESCRIPTION
PIQUANT D'ALGÉRIE	Light green to red	Half-late			TMV	Goat's horn type chilli, yellow-green, then red and narrow. Suitable for fresh and industrial markets.
ROUGE AFRICAÏN	Red	Late			TMV	Its fruits have a good level of spiciness and flavour.
ROUGE LONG ORDINAIRE	Green to red	Half-late			NC	Long red fruit with a strong, hot flavour. Long tapering fruit, often curved.
JAUNE DU BURKINA	Yellow	Half-late			NC	A 7-9g pepper with a slightly elongated shape and a yellow colour when ripe. Tropical cultivation.
BOULE DE FEU	Light green to red	Half-late			NC	The fireball pepper is the strongest in the GSN range. Heat resistant.

DO YOU KNOW THE SCOVILLE SCALE?



The Scoville scale is a scale for measuring the strength of chillies, invented in 1912 by the pharmacologist Wilbur Scoville. Its purpose is to provide spiciness information.

0 - 100	NEUTRAL - SWEET PEPPER
100 - 500	SWEET - SWEET PEPPER DOUX TRÈS LONG DES LANDES
500 - 1 000	WARM - ANAHEIM CHILLI
1 000 - 1 500	TASTY
2 500 - 5 000	HOT
5 000 - 15 000	STRONG
15 000 - 30 000	BURN
30 000 - 50 000	TORRID - FROM CAYENNE
50 000 - 100 000	VOLCANIC - SPICY ALGERIAN
100 000 et plus	EXPLOSIVE - HABANERO TYPE



SWEET PEPPERS

CAPSICUM ANNUUM



CALIFORNIA WONDER



YOLO WONDER



DOUX D'ESPAGNE



MARCONI



VARIETY	SHAPE	TYPE	COLOUR	PRODUCTION	TOLERANCES	DESCRIPTION
CALIFORNIA WONDER		Cubic, quadrangular	Green to red		TMV	Typical pepper with a square shape. Size 12-14 cm in width and height. Good tolerance to very high temperatures.
YOLO WONDER		Cubic, quadrangular	Dark bright green to red		TMV	Very nice variety of improved california wonder type. Slightly elongated cubic shape. Fleshy and not very prickly fruits.
DOUX D'ESPAGNE		Triangular, long	Green to bright red		NC	A variety that produces very large, elongated fruits, marked with 3 to 4 lobes and reaching a length of about 18 cm.
MARCONI		Triangular, long marconi	Green to red		TMV	Narrow triangular shape, 15-16 cm long and 5-6 cm wide. Suitable for both fresh and industrial market.



LEEKS

ALLIUM PORRUM



BLEU DE SOLAISE



DE CARENTAN 2



DE GENNEVILLIERS 2



GROS LONG D'ÉTÉ

VARIETIES	CULTURE SEASON	COLOUR FOLIAGE	DESCRIPTION
BLEU DE SOLAISE		Blue-green	Very hardy plant. Short, fairly thick bole.
DE CARENTAN 2		Dark green	White, long and wide bole (18-22cm long and 4-6cm wide). Hardy and very productive variety.
DE GENNEVILLIERS 2		Medium green	Narrow upright foliage, long, thick and very white stems.
GROS LONG D'ÉTÉ		Blue-green	Semi-erect growth White, fairly long stem (18-22cm), 3cm wide, early variety.



SWISS CHARD

BETA VULGARIS



ROUGE SANGUINE



RHUBARB CHARD



BLONDE À CARDE BLANCHE 2



VERTE À CARDE BLANCHE 2



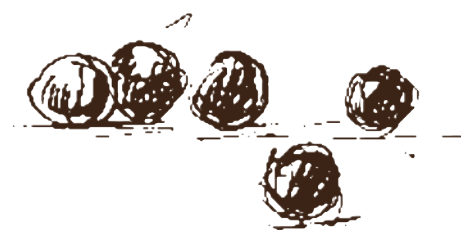
VERDE DE CORTAR

VARIETIES	DESCRIPTION
BLONDE À CARDE BLANCHE 2	Classic variety with large white stems and wavy blond leaves. Good productivity.
VERTE À CARDE BLANCHE 2	Beautiful variety with blond, highly embossed foliage. Stems are very white, crisp and tasty.
VERDE DE CORTAR	A classic and original variety with beautiful dark green foliage and fine greenish white stems. Good eating quality. The leaves are eaten like spinach.
RHUBARB CHARD	A characteristic variety with green leaves and bright red stems. Can be used for eating or for ornamental purposes.
ROUGE SANGUINE	Very beautiful variety, with original coloured leaves.



DWARF SMOOTH PEAS

PISUM SATIVUM L.



DOUCE PROVENCE

DWARF PEAS						
VARIETIES	1st POD	PLANT HEIGHT (cm)	SHAPE POD	POD LENGTH (cm)	NO. OF SEEDS/ POD	DESCRIPTION
D'ANNONAY	11 nodes	35 - 40	Truncated	7 - 8	5 - 6	Green, straight pod. Early and productive variety.
TÉLÉPHONE NAIN	11 nodes	35 - 40	Truncated	7 - 8	5 - 6	Green, straight pod. Early and productive variety.
DOUCE PROVENCE	9 - 10 nodes	65 - 75	Pointed	7 - 8	8 - 9	The early pea reference. Light green leaves and smooth dark green seeds.
PETIT PROVENÇAL	10 nodes	40 - 50	Pointed	8 - 9	7 - 8	A traditional variety from the south of France, suitable for late season cultivation, robust and productive.
PLEIN LE PANIER	13 - 14 nodes	60 - 80	Pointed	8 - 9	7 - 8	Variety selected for its high productivity. Pods containing tender and tasty grains.



VINING SMOOTH PEAS

PISUM SATIVUM L.

SNAP PEAS						
VARIETIES	1st POD	PLANT HEIGHT (cm)	SHAPE POD	POD LENGTH (cm)	NO. OF SEEDS/ POD	DESCRIPTION
ROI DES CONSERVES	12 - 13 nodes	140 - 150	Pointed	10 - 12	9 - 10	A large and very productive stalked variety. Round, smooth and very green seeds.
SERPETTE GUILLOTEAUX	15 - 16 nodes	140 - 160	Pointed	8 - 10	8 - 9	A late climber, producing pods that are curved at the end and contain tasty light green seeds.
EXPRESS LONGUE COSSE	12 nodes	85 - 90	Truncated	7 - 8	5 - 6	Early variety. Slightly curved. Vigorous and productive plant. Suitable for canning.



WRINKLED PEAS

PISUM SATIVUM L.



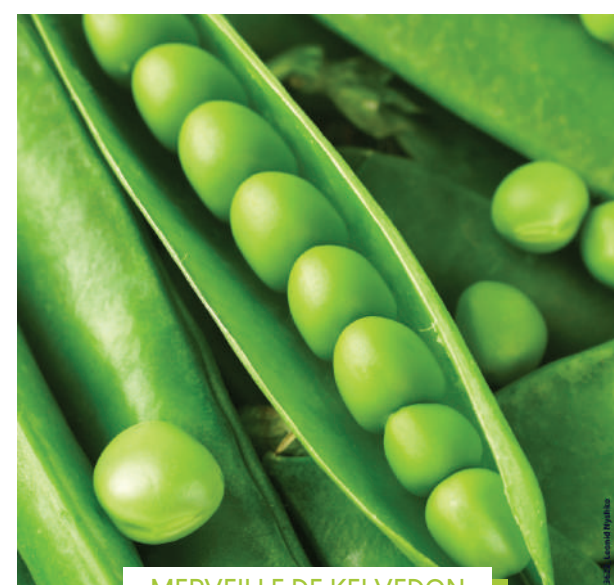
LINCOLN



ONWARD



RONDO - UTRILLO



MERVEILLE DE KELVEDON



VARIETIES	1st POD	PLANT HEIGHT (cm)	SHAPE POD	POD LENGTH (cm)	NO. OF SEEDS/ POD	PMG	DESCRIPTION
LINCOLN	13 - 14 nodes	75 - 85	Pointed	8 - 9	8 - 9	210	Light green wrinkled pods, medium foliage.
MERVEILLE DE KELVEDON	9 - 10 nodes	55 - 65	Pointed	8 - 9	7 - 8	200	Pea variety, reaching 45cm in height. Produces fine, long pods. and long pods.
ONWARD	13 - 14 nodes	80 - 85	Truncated	8.5 - 9.5	7 - 8	340	Variety with light wrinkled grains. Resistant to mildew.
RONDO	14 nodes	80 - 85	Pointed	10 - 11	8 - 9	350	A variety with dark green wrinkled peas. Semi-late, about 75 days.
UTRILLO	14 nodes	70 - 90	Pointed	10 - 11	8 - 9	350	Produces very sweet peas in a full pod.
TÉLÉPHONE À RAMES	15 nodes	140 - 160	Pointed	7 - 8	6 - 4	230	Very long, pointed peas with large seeds. Extremely sweet taste. Very productive variety. To be grown on oars or grids.

DWARF SNOW PEAS

PISUM SATIVUM L.

New

EXCLUSIVE



ALFREDA

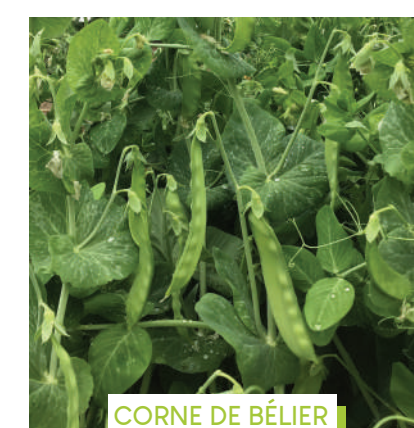
New

VARIETIES	1st POD	PLANT HEIGHT (cm)	SHAPE POD	POD LENGTH (cm)	NO. OF SEEDS/ POD	DESCRIPTION
NORMAND	11 nodes	35 - 40	Truncated	7 - 8	5 - 6	Green, straight pod. Smooth seeds. Early and productive variety.
ALFREDA	15-16 nodes	90	Truncated	8	5 - 6	Very good sweet taste. Drought tolerant. Resistant to Oidium, Botrytis and Fusarium l.

VINING SNOW PEAS

PISUM SATIVUM L.

VARIETIES	1st POD	PLANT HEIGHT (cm)	SHAPE POD	POD LENGTH (cm)	NO. OF SEEDS/ POD	DESCRIPTION
CAROUBY DE MAUSSANE	14 - 15 nodes	100 - 125	Truncated	7 - 8	5 - 6	Very long, tender pods harvested young. Variety characterised by its purple flowers.
CORNE DE BÉLIER	17 - 18 nodes	120 - 125	Truncated	11 - 13	7 - 9	The pods are tender when young and can be cooked whole.
OREGON SUGAR POD	10 nodes	40 - 50	Pointed	8 - 9	7 - 8	Very sweet variety of mangetout. The most widely grown on the market. Tasty pods.



CORNE DE BÉLIER

PUMPKIN

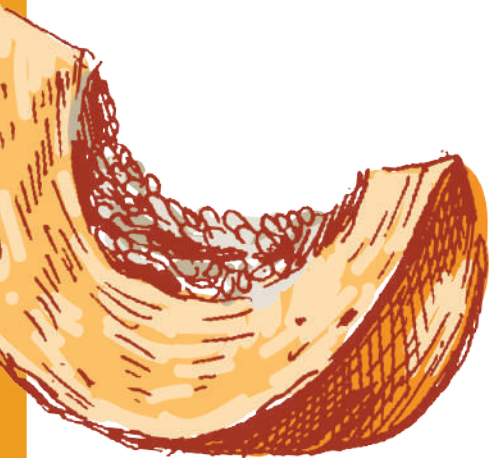
CUCURBITA MAXIMA



JAUNE GROS DE PARIS



POTIMARRON UCHIKI KURI



ROUGE TRÈS HÂTIF D'ETAMPES

VARIETIES	WEIGHT (kg)	FLESH-COLOURED	DESCRIPTION
POTIMARRON UCHIKI KURI	1 to 1.5 kg	Dark yellow	Typical round pumpkin with a sweet taste of chestnuts.
ROUGE TRÈS HÂTIF D'ETAMPES	10 to 14 kg	Bright red	Runner plant producing large, slightly flattened, bright red fruits. Rather late variety (120 days).
JAUNE GROS DE PARIS	15 to 40 kg	Yellow	Very large, ribbed fruit with salmon-yellow rind. Dense and sweet flesh. Excellent shelf life.

Cultural Focus

The pumpkin is a herbaceous vegetable and belongs to the Cucurbitaceae. The fruits are generally large. The leaves are rough, cut and the flowers are quite large, beautiful, orange-yellow, calyx-shaped.

Discover a beautiful field of the very early red pumpkin
RED PUMPKIN FROM ETAMPES.

ROOT RADISH

RAPHANUS SATIVUS



JAPONAIS MINOWASE



RAVE BLANCHE
TRANSPARENTÉ



RAVE NOIR GROS ROND
D'HIVER



LONG CHANDELLE ROUGE

VARIETIES	SHAPE ROOT	LENGTH LEAF	COLOUR	DESCRIPTION
JAPONAIS MINOWASE		Medium	White with green collar	Tender and refreshing variety. Recommended for hand-picked, for field cultivation.
LONG CHANDELLE ROUGE		Long	Bright red	Hairy leaves, fleshy root, about 15 cm long, bright red with firm, crunchy flesh.
RAVE BLANCHE TRANSPARENTÉ		Short	White	Tender, crisp flesh with a pungent, fine flavour. Long root.
RAVE NOIR GROS ROND D'HIVER		Long	Black	Fast growing and frost resistant. White, firm and fragrant flesh. Good shelf life,
RAVE VIOLET DE GOURNAY		Long	Purple	Violet de Gournay has a long purple root and particularly sweet white flesh.
RAVE NOIR GROS LONG D'HIVER DE PARIS		Long	Black	Hardy radish. This means that it is resistant to cold or even frost. Its foliage is vigorous even in cold weather. It keeps very well during the winter and is resistant to high temperatures.

ROUND RADISHES

RAPHANUS SATIVUS



CERISE



ROND ÉCARLATE



NATIONAL 2



GAUDRY



RIESENBUTTER

VARIETIES	SHAPE	LENGTH LEAF	COLOUR	DESCRIPTION
NATIONAL 2		Medium	Rose	Excellent variety for year-round production. Erect foliage. Ideal during the summer. Very good heat resistance.
RIESENBUTTER		Medium	Rose foncé	A variety for summer and autumn cultivation. It produces large, round, evenly shaped roots. Tasty and very productive variety.
ROND ÉCARLATE		Medium	Rouge écarlate	Small, round, colourful red radish, less vermilion than the Cherry radish and rounder in shape. Sowing time February under cover until September in the field. Harvested by hand. Easy to grow.
CERISE		Medium	Rouge vermillon	Small, round, highly coloured roots that do not dig. For production in tunnels or open fields, at the beginning or end of the season. Short leaves, facilitating mechanical harvesting.
GAUDRY		Medium to long	Vert jaune	Sowing time February under cover until September in the field. Hand harvesting recommended. Easy to grow.

LONG RADISHES

RAPHANUS SATIVUS



DE DIX HUI TS JOURS



FLAMBOYANT 3



PERNOT CLAIR

VARIETIES	SHAPE	LENGTH LEAF	COLOUR	DESCRIPTION
DE DIX HUI TS JOURS		Medium	Red scarlet	A variety recommended for outdoor cultivation. Short, medium green leaves, good presentation. Good behaviour in summer.
FLAMBOYANT 3		Medium	Red vermillon	Very hardy variety. Very good production even at high temperatures. Good presentation in bunches.
PERNOT CLAIR		Medium	Red vermillon/white	An early half-length radish with a large white tip. Recommended for hand picking in the field or under cover. The variety is resistant to digging.



RHUBARB

RHEUM RHABARBARUM



DID YOU KNOW?

Native from Asia, rhubarb belongs to the same family as sorrel, the Polygonaceae.

It can reach 1.50m on flowering time. And form a large clump of green foliage with more or less red stalks.

VARIETIE	SIZE	DESCRIPTION
VICTORIA	+ 1 metre high	An early and productive variety that produces good size of many green to stalks. Rhubarb can grow up to 1,50m high. Grown for its hollow stems.





ROCKET

ERUCA VESICARIA SUBSP. SATIVA



CULTIVÉE



SAUVAGE

VARIETY	SOWING	DESCRIPTION
CULTIVÉE	March to August	A plant with thick, elongated, indented leaves and a fairly strong taste.
SAUVAGE	March to September	Wild rocket has smaller leaves and grows more slowly than cultivated arugula. Another difference is that its flavour is stronger and more peppery.





DETERMINATE TOMATOES

SOLANUM LYCOPERSICUM



ROSSOL



ROMA VF



UC82B



RIO GRANDE



CAL J



PETOMECH



ROCKSTONE



CAMPELL 33

VARIETIES	SHAPE	PRECOCITY	WEIGHT	TOLERANCES	DESCRIPTION
ROSSOL		Early	+ 60gr	V, F12	Elongated and olived shape fruit. Red colour when ripe.
ROMA VF		Early	+ 70gr	V, F12	Fruit is cylindrical and olive shaped. Red colour when ripe. Ideal for industry.
UC82B		Early	+ 70gr	V, F, ST	Beautiful and determinate tomato. Almost square in shape, slightly elongated. Very firm flesh. High yields.
RIO GRANDE		Semi-early	70 - 80gr	V, F12	Very productive variety, with medium-sized, elongated pear-shaped fruits of a beautiful deep red colour. Good disease resistance.
CAL J		Semi-early	+ 80gr	V, F12	Elongated tomato. Parallelepipedic and cylindrical fruit shape. Red colour when ripe.
PETOMECH		Semi-late	+ 80gr	NC	Square-shaped variety. Firm flesh. Good leaf coverage.
ROCKSTONE/ CASTELROCK		Semi-early	+ 90gr	V, F12, ST, A	Parallelepipedic shaped tomato. Very firm flesh, suitable for the fresh market.
CAMPBELL 33		Semi-early	+ 140gr	V, F12	A determinate variety with medium earliness. Round tomatoes. Can be used for both fresh and industry market.



INDETERMINATE TOMATOES

SOLANUM LYCOPERSICUM



SAINT PIERRE



MONEYMAKER



POIRE JAUNE



MERVEILLE DES MARCHÉS



CUOR DI BUE



MARMANDE VR

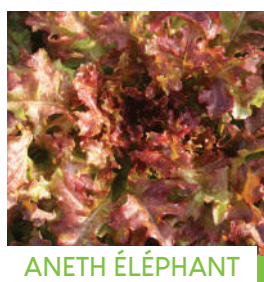


CERISE

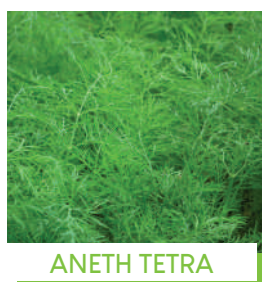
VARIETIES	SHAPE	PRECOCITY	WEIGHT	TOLERANCES	DESCRIPTION
CERISE		Late	+ 15	NC	A vigorous variety, well adapted to outdoor cultivation, giving a profusion of small tomato clusters from 1 to 3 cm in diameter throughout the summer.
POIRE JAUNE		Semi-late	+ 90 - 110	V, F, ST, A	Parallelepipedic shape. Very firm flesh, suitable for the fresh market.
SAINT PIERRE		Semi-early	+ 170	NC	Large, round, smooth fruit. Firm flesh of excellent quality.
MONEYMAKER		Intermediate	+ 80	NC	Round tomato. Average earliness. Suitable for the fresh market, this variety is heat resistant.
MERVEILLE DES MARCHÉS		Semi-late	+ 170	NC	Vigorous and hardy variety with large foliage. Large, round, smooth and heavy fruits. Shatter resistant, beautiful scarlet red when ripe.
CUOR DI BUE		Late	+ 300	V, F	Very large fruits, heart-shaped type, recommended for staking in the open ground. Produces very large fruits that can exceed 400gr. Very firm, fleshy.
MARMANDE VR		Late	+ 160	NC	An early variety with vigorous growth. Fruits of medium size, flattened on top and more or less ribbed. Juicy flesh with excellent flavour. Can be grown under glass or in the open field.



ANETH COMMUNE



ANETH ÉLÉPHANT

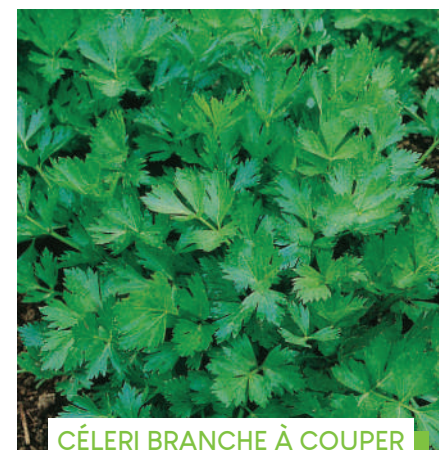


ANETH TETRA



BASILIC GRAND VERT

VARIETIES	
ANETH	
COMMUNE	An early plant with unrivalled aromatic characteristics. Height: 80 to 120 cm. Colour: green.
ÉLÉPHANT	Late variety with dark green vegetation and medium size.
TETRA	Late season variety with very compact growth and dark green foliage. Height: 80cm.
BASILIC	
GRAND VERT	This is a very aromatic variety of basil with large, bright green leaves.
CELERI	
BRANCHE À COUPER	Dense and compact clumps.
BRANCHE D'ELNE	Green foliage, with smooth, round, fleshy ribs that whiten quickly. Resistant to harsh weather conditions.
BRANCHE PLEIN BLANC PASCAL	Late season variety. Large, dark green, indented leaves. Height: 50-80 cm.
BRANCHE TALL UTAH 52/70	Semi-late variety. Wide, thick, long and smooth ribs. Good resistance to cold. Height: 50-80 cm.
GÉANT DORÉ AMÉLIORÉ	Early variety, very vigorous and productive, it gives beautiful yellow ribs, and very tender, whitening on its own.
CERFEUIL	
CERFEUIL COMMUN	Beautiful variety with light, cut foliage of a nice blond green colour. Height: 20-40cm.
CIBOULE	
CIBOULE BLANCHE HÂTIVE	Aromatic plant with dark green, hollow stems with white bulbs. Height: 30-40cm.
CORIANDRE	
CULTIVÉE	Annual plant whose leaves, seeds and roots used for cooking. Height: 25-60cm.



CÉLERI BRANCHE À COUPER



CÉLERI BRANCHE D'ELNE



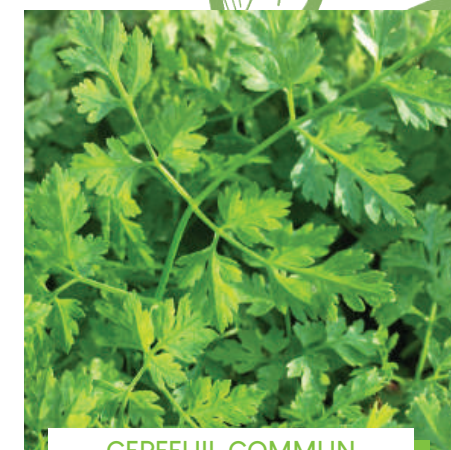
BRANCHE PLEIN BLANC PASCAL



BRANCHE TALL UTAH 52/70



GÉANT DORÉ AMÉLIORÉ



CERFEUIL COMMUN



CIBOULE BLANCHE HÂTIVE



CORIANDRE CULTIVÉE



AROMATICS (continued)



CRESSON DES FONTAINES



CRESSON DES JARDINS



ESTRAGON DE RUSSIE

VARIETIES	
CRESS	
CRESSON DES FONTAINES	The foliage is rounded and beautifully green. Slightly peppered.
CRESSON DES JARDINS	Garden cress is very easy to grow and is harvested leaf by leaf, as and when required. The appearance of its foliage resembles that of watercress. More pungent and a little less tender than watercress.
TARRAGON	
DE RUSSIE	Perennial with upright clumps. Sweetly scented. Height: 50-70 cm.
FENNEL	
DOUX DE FLORENCE	A low, stocky plant with a large, rounded, white bulb at its base. This semi-late variety is less susceptible to seed set.
LATINA	A variety with light green leaves and a tender, tasty bulb.
CURLY PARSLEY	
BRAVOUR	A very curly, cold-hardy parsley variety. Good regrowth capacity after cutting.
FRISÉ VERT FONCÉ	Deeply cut foliage with a very curly, dark green appearance.
NAIN FRISÉ MOUSSE	Parsley with sharply cut leaves, appreciated for its fragrance and flavour. Height: 25-50 cm.
FLAT-LEAF PARSLEY	
COMMUN 2	Parsley with triangular cut leaves of a beautiful medium green colour.
GIGANTE D'ITALIA	Parsley with high leaves and both stems, strong fragrance. Height: 35-60 cm.
PARSLEY ROOTS	
À GROSSE RACINE GROS HÂTIF	A beautiful variety of tuberous parsley with beautiful roots of about 15 to 20 cm.
À RACINE LONG	Parsley with very long, white roots. Slow growing, producing edible leaves and roots.
HORSERADISH	
CHAMPÊTRE GÉANT AMÉLIORÉ	Long, cylindrical root. Rough, yellowish-white skin. Flesh white.
THYME	
THYM D'HIVER	Aromatic perennial with broader leaves and a less pronounced taste than common thyme. Broad, medium green leaves. Height: 25-30 cm.



FENOUIL DOUX DE FLORENCE



FENOUIL LATINA



PERSIL BRAVOUR



PERSIL FRIS  VERT FONC 



PERSIL NAIN FRIS  MOUSSE



PERSIL COMMUN 2



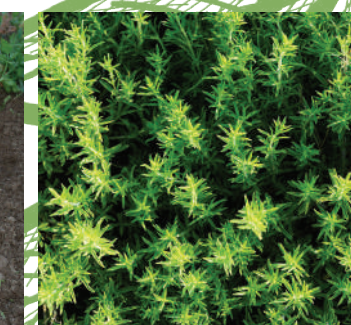
PERSIL GIGANTE D'ITALIA



PERSIL   GROSSE RACINE GROS H TIF



PERSIL   RACINE LONG



THYM D'HIVER



RAIFORT CHAMP TRE
G ANT AM LIOR 

guide

RESISTANCES AND TOLERANCES

CODE	PATHOGÈNE	NOM	NOM SCIENTIFIQUE
EGGPLANT			
CMV	VIRUS	VIRUS DE LA MOSAÏQUE DU CONCOMBRE	CUCUMBER MOSAIC VIRUS
TMV	VIRUS	VIRUS DE LA MOSAÏQUE DU TABAC	TOBACO MOSAIC VIRUS
CUCUMBER			
CCU	CHAMPIGNON FUNGUS	CLADOSPORIUM	CLADOSPORIUM CUCUMERINUM
CMV	VIRUS	VIRUS DE LA MOSAÏQUE DU CONCOMBRE	CUCUMBER
MMV	VIRUS	VIRUS DE LA MOSAÏQUE DU MELON	MELON MOSAIC VIRUS
CVYV	VIRUS	VIRUS DE LA JAUNISSE DU CONCOMBRE	CUCUMBER VEIN YELLOWING VIRUS
DM	CHAMPIGNON FUNGUS	MILDIU	PSEUDOPERONOSPORA CUBENSIS
FSC	CHAMPIGNON FUNGUS	POURRITURE RACINAIRE	-
PM	CHAMPIGNON FUNGUS	OÏDIUM	SPHAEROTHECA FULIGINEA
SQUASH			
WMV2	VIRUS	VIRUS DE LA MOSAÏQUE DE LA PASTÈQUE TYPE 2	WATERMELON MOSAIC VIRUS (TYPE 2)
ZYMV	VIRUS	VIRUS DE LA MOSAÏQUE JAUNE DE LA COURGETTE	ZUCCHINI YELLOW MOSAIC VIRUS
MELON			
DM	CHAMPIGNON FUNGUS	MILDIU	PSEUDOPERONOSPORA CUBENSIS
PM	CHAMPIGNON FUNGUS	OÏDIUM	SPHAEROTHECA FULIGINEA
FO-1-2-3	CHAMPIGNON FUNGUS	FUSARIOSE	FUSARIUM OXYSPIRUM F. SP. LICOPERSICI, RACE O, 1, 2, 3
WATERMELON			
F	CHAMPIGNON FUNGUS	FUSARIOSE	FUSARIUM OXYSPIRUM F. .SP. LICOPERSICI, RACE O, 1, 2, 3
PM	CHAMPIGNON FUNGUS	OÏDIUM POWDERY MILDEW	SPHAEROTHECA FULIGINEA
Ve	CHAMPIGNON FUNGUS	VERTICILLIOSE VERTICILLIUM WILT	VERTICILLIUM DAHLIAE
HOT AND SWEET PEPPER			
SPOT RI-3	BACTÉRIE	BACTERIAL LEAF SPOT	XANTHOMONAS CAMPESTRIS P.V V ESICATORIA, RACE 1,2,3
PVY	VIRUS	VIRUS Y DE LA POMME DE TERRE	POTATO VIRUS Y, RACE PVY-O, PVY-1
TMV	VIRUS	VIRUS DE LA MOSAÏQUE DU TABAC	TOBACO MOSAIC VIRUS
TSWV	VIRUS	MALADIE BRONZÉE DE LA TOMATE	TOMATO SPOTED WILT VIRUS
TOMATO			
C5	CHAMPIGNON FUNGUS	CLADOSPORIOSE RACE A B C D E	FULCIA FULVA SYN. CLADOSPORIM FULVUM
FO-1-2-3	CHAMPIGNON FUNGUS	FUSARIOSE - FUSARIUM WILT	FUSARIUM OXYSPIRUM F. SP. LICOPER- SICI, RACE O, 1, 2, 3
Fr	CHAMPIGNON FUNGUS	FUSARIOSE DES RACINES FUSARIUM CROWN & ROOT ROT	FUSARIUM OXYSPIRUM F. SP.RADICIS LICOPERSICI
N	NÉMATODE	NÉMATODE ROOT KNOT NEMATODE	MELOIDOGYNE JAVANICA, M. INCOGNITA
ST	CHAMPIGNON FUNGUS	STEMPHYLIOSE STEMPHYLIUM	STEMPHYLIUM SOLANI
TMV	VIRUS	VIRUS DE LA MOSAÏQUE DU TABAC TOBACO MOSAIC VIRUS	TOBACO MOSAIC VIRUS
TSWV	VIRUS	MALADIE BRONZÉE DE LA TOMATE TOMATO SPOTED WILT VIRUS	TOMATO SPOTED WILT VIRUS
TYLCv	VIRUS	VIRUS DES FEUILLES JAUNES EN CUEILLIÈRE TOMATOELLOW LEAF CURL VIRUS	TOMATO YELLOW LEAF CURL VIRUS

SOWING GUIDE

		QUANTITY OF SEEDS/HECTARE		
SPECIES	QUANTITY OF SEEDS/GRAM	IN DIRECT SOWING	WITH PLANTING OR TRANSPLANTING	NUMBER OF PLANTS/HECTARE
EGGPLANT	220 - 250	250 - 300 gr	200 - 220 gr	15 000 - 18 000
BEET	-	8 - 9 kg	-	300 000 - 400 000
CARROTS	500 - 1 000	2 - 3 kg	-	1 000 000 - 1 800 000
CELERY ROOT	2 500 - 3 000	-	60 - 90 gr	45 000 - 55 000
CABBAGE	250 - 350	-	180 - 400 gr	20 000 - 55 000
CAULIFLOWER	300 - 400	80 - 100 gr	180 - 250 gr	12 000 - 30 000
CUCUMBER	30 - 35	700 - 800 gr	450 - 500 gr	12 000 - 15 000
SQUASH	6 - 8	3 - 4 kg	2.5 - 3.5 kg	15 000 - 18 000
SPINASH	900 - 1 700	1.5 kg	1.1 kg	300 000 - 350 000
BROAD BEANS	0.3 - 0.8	400 - 500kg	-	90 000 - 120 000
BEAN MANGETOUT	3 - 5	55 - 65 kg	-	180 000 - 210 000
BEAN	2 - 4	70 - 120 kg	-	180 000 - 210 000
LETTUCE	800 - 1 000	0.8 - 1 kg	-	80 000 - 120 000
CORN SALA G SEED	400 - 600	9 - 10 kg	-	4 000 000 - 5 000 000
CORN SALA P SEED	700 - 900	6 - 7 kg	-	4 000 000 - 5 000 000
SWEET CORN	5 - 10	-	-	50 000 - 75 000
MELON	25 - 50	0.8 - 1 kg	0.5 - 0.7 kg	8 000 - 12 000
TURNIP	450 - 700	2 - 3 kg	-	500 000 - 800 000
ONION	180 - 280	4 - 5 kg	-	800 000 - 900 000
PARSNIP	200 - 240	1.5 - 3 kg	-	250 000 - 300 000
WATERMELON	15 - 20	1 - 1.5 kg	0.5 - 0.9 kg	7 000 - 12 000
HOT PEPPER	120 - 160	-	250 - 300 gr	18 000 - 25 000
LEEKs	350 - 400	1.5 - 2 kg	1.2 - 1.5 kg	150 000 - 200 000
PEAS	3 - 10	120 - 200 kg	-	400 000 - 800 000
SWEET PEPPER	120 - 150	-	250 - 300 gr	18 000 - 25 000
RADISH	80 - 120	35 - 60 kg	-	400 000 - 800 000
TOMATE DÉTERMINÉE	280 - 340	150 - 200 gr	120 - 150 gr	10 000 - 20 000
TOMATE INDÉTERMINÉE	280 - 340	100 - 120 gr	80 - 100 gr	20 000 - 25 000
AROMATICS				
CELERY	2 200 - 3 000	-	120 - 140 gr	90 000 - 120 000
FENEL	200 - 240	2-2.5 kg	-	100 000 - 150 000
OSEIL	400 - 500	2.8 - 3.3 kg	-	250 000 - 300 000
PARSLEY	600 - 700	1.5 - 3 kg	-	500 000 - 1 100 000

GENERAL TERMS AND CONDITIONS OF

1. APPLICATION AND ENFORCEABILITY OF THE GENERAL CONDITIONS OF SALE

Our sales are subject to the present general conditions, which may be supplemented by specific conditions or special conditions or special conditions in accordance with the regulations in force. regulations in force. Unless otherwise stipulated in these general terms and conditions the present general terms and conditions of sale, the practices and conditions published by the International Seed Federation (I.S.F.) for the trade of plant of plant seeds apply to all our sales. Consequently, the fact of placing an order implies the buyer's full and and without reserve of the buyer to these general conditions of sale. conditions of sale. No special condition may, unless formally accepted in writing by us, prevail over our written acceptance, prevail over the general conditions of sale. conditions of sale. Any contrary condition opposed by the buyer will be, Any contrary condition opposed by the buyer will therefore, in the absence of express acceptance, be unenforceable against us, regardless of the time at which it may have been brought to our attention. The fact that we do not prevail at a given moment of any of the present general conditions of sale cannot be interpreted as a renunciation to prevail later of any of the said conditions.

2. ORDERS

Orders are only binding on us if they have been confirmed in writing confirmed in writing and approved by us. For all our orders are «subject to proper return» in the sense of the I.S.F. rules. In the event of a shortage of goods, we shall not be obliged to pay any compensation or compensation or be obliged to re-deliver at our expense. at our expense.

3. DELIVERY

We deliver according to availability. We are not not responsible for delays or non-execution of orders resulting from orders resulting from bad weather (atmospheric disturbances weather disturbances, crop accidents, etc.), fire, strikes or other labour disputes or other labour disputes, transport stoppages, acts of God or force majeure.

or in case of force majeure. Our goods, even when shipped carriage paid, travel at the risk of the the recipient, who must make any reservation with the carrier, who is solely responsible in the event of late delivery, theft or damage damage during the journey. Any complaint, to be valid, must be addressed by extrajudicial act or by registered letter at the latest within 3 days (not including public holidays) after receipt of the goods in accordance with the provisions of Article L.133-3 of the Commercial Code.

4. RETURN OF GOODS

Whatever the reason, we do not accept returns without prior agreement and in such cases the goods must be returned carriage paid and in the condition in which they were delivered.

5. PRICES - TERMS OF PAYMENT - PENALTIES - DISCOUNT

- Prices: The goods are supplied at the prices in force at the time the order is placed in euros and taking into account the Value Added Tax applicable on the day of the order; any change in the rate of the Value Added Tax may be reflected in the price of the goods. Any change in the rate of Value Added Tax may be reflected in the price of the goods. - Terms of payment: Our goods are payable within 60 days of the date of issue of the invoice. of the invoice. - Penalties: An invoice or voucher is issued for each delivery. In the event of deferred or forward payment, payment within the meaning of these the present contract does not consist of the simple delivery of a bill of exchange or a In the event of deferred payment or payment by instalments, payment within the meaning of these terms and conditions shall not be constituted by the mere handing over of a bill of exchange or a cheque implying an obligation to pay, but by the collection of the payment at the seller's premises on the agreed date. In the event of failure to pay on any of the due dates, the other due dates shall become immediately due, even if they have given rise to bills of exchange. Pursuant to Article L. 441-6 of the French Commercial Code, in the event of payment after the date shown on the invoice, the buyer shall automatically be liable to pay a

penalty for late payment. This penalty is calculated at a rate of 12% per year applied to the total amount due or remaining due. Penalties shall be payable on the day following the payment date date indicated on the invoice without the need for a reminder. - Discount conditions: No discount is granted for early payment.

6. RETENTION OF TITLE

The delivered goods remain our property until full payment of the full payment of the price; the handing over of bills of exchange or any the delivery of bills of exchange or any other instrument creating an obligation to pay. The delivered goods may be claimed both in the delivered may be claimed, both within the framework of Article L. 621-122 of the Commercial Code Code, as well as independently of any judicial recovery or liquidation. liquidation. In all cases, the contract includes a deposit agreement until full payment of the price. Resale or transformation is however authorised. In this case, the buyer shall assign to us the claims arising from such resale or resale or processing is permitted, however, in which case the buyer shall assign to us the claims arising from such resale or the ownership of the object resulting from the processing of the goods delivered. the processing of the delivered goods. The liability for the goods is transferred to the buyer. The liability for the goods shall pass to the buyer upon delivery or, if applicable, upon shipment.

7. LIABILITY - GUARANTEE

The results obtained depend not only on the variety and quality of the seed, but also on difficult or quality of the seed, but also on factors that are difficult or impossible to impossible to assess or predict, and may vary according to regions, environment regions, the environment, agronomic and atmospheric conditions, cultivation atmospheric conditions, cultivation techniques and operations., advice and suggestions are offered for information purposes only and Therefore, the advice and suggestions are offered for information purposes only and do not constitute a guarantee of a successful harvest. In view of the nature of the products sold, the seller's liability in the event of seller, in the event of defects or non-

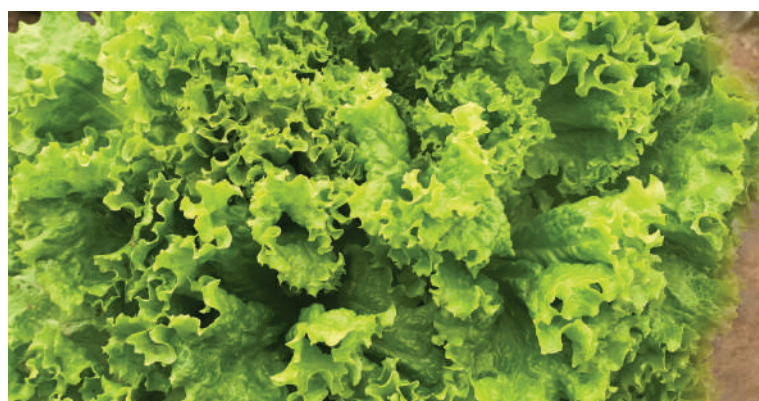
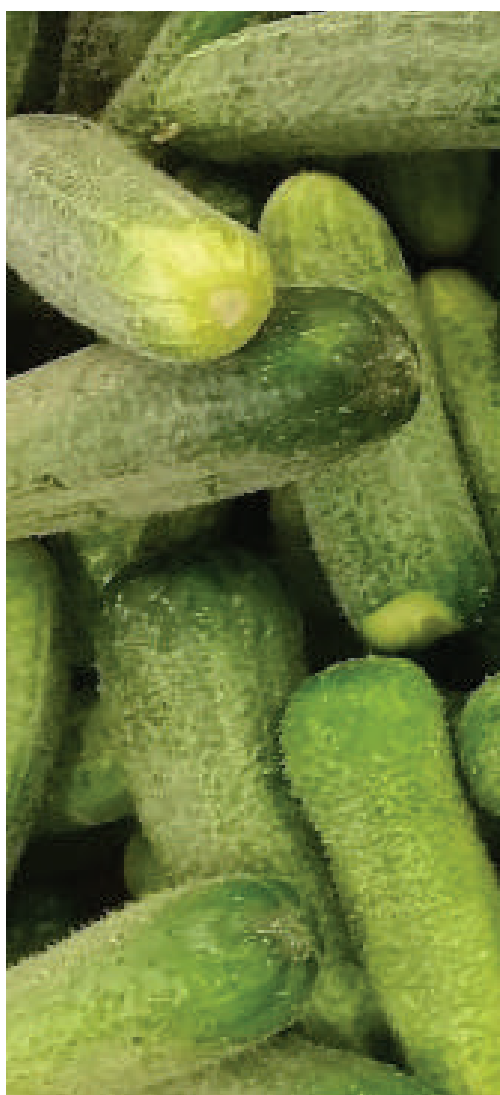
conformity of the item sold and established, shall in no case, and in particular with regard to authenticity, varietal purity, specific purity, germination capacity or germinative capacity or resistance to strains and races of parasites unknown to date unknown to date, exceed the total amount of the supply of the of the delivered item, including the justified costs of returning the goods. return of the goods. Compensation for any other damage whatsoever is excluded. compensation for any other loss whatsoever is excluded. Furthermore, our liability is expressly limited to the resale of the goods in resale of our goods in their original condition and packaging. goods, any transformation or modification in any way whatsoever of the modification of the goods delivered in any way whatsoever shall constitute a waiver of any any recourse against us for any reason whatsoever. For example, any repackaging example, any repackaging of our seeds by the buyer de facto excludes the seller's claim under the guarantee.

8. INTELLECTUAL PROPERTY RIGHTS

The names, brands, logos, etc. that are our property may not be may not be used without our prior consent outside of the commercial commercial and advertising media on which the seller himself uses them. Any fraudulent use will result in legal action being taken.

9. ATTRIBUTION OF JURISDICTION

Unless otherwise agreed by us, disputes shall be brought before the competent before the competent courts in the jurisdictions where our registered office is located. GSN SEMENCES - Rev. 12/10



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PRACTICAL INFORMATION

Rue de la Menoue - 32400 Riscle - France
 TEL : +33 (0)5 81 23 80 00 - FAX : +33 (0)5 81 23 01
www.gsn-semences.fr