

Variety Catalog 2026

agri obtentions





Rafting
TRITICALE



Requiem
TRITICALE



Candice
SPRING OAT



Fatal
WINTER PEA

Conventional

WINTER WHEAT 5
TRITICALE 8
DURUM WHEAT 10
SPRING OAT 10
WINTER PEA 11
WINTER & SPRING PEA 12
BEAN 14
CHIKPEA & LENTIL 16
BUCKWHEAT 17

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agri obtentions

Editoral

More Genetics, More Markets: Agri Obtentions Looks Beyond France

New opportunities are opening for European seed companies to access Agri Obtentions' genetics as the French breeder looks beyond France for its next stage of growth.
The INRAE subsidiary is expanding into additional European markets through local partnerships, bringing a portfolio spanning 15 field-crop species to seed businesses that already know their customers and production systems.
By combining that local market knowledge with Agri Obtentions' genetics, research and breeding capacity, the partnerships can open new possibilities for varieties and crops that fit emerging needs in individual markets.
"The opportunity is different in every market," says François Cuvelier, sales director for France and export. "The question is where our genetics can strengthen what a seed company is already offering and help it respond to where demand is moving."
Agri Obtentions has strengthened its export team, with Paul Debaut now covering half of Southern Europe alongside François.

EMERGING OPPORTUNITIES

As European rotations diversify, seed companies may need a broader range of crop and varietal solutions. Triticale is a good example.
In France, triticale is the third-largest straw cereal, with acreage growing from approximately 255,000 hectares in 2024 to a projected 312,000 hectares in 2026, according to Agreste. Its relatively low nitrogen requirement may add to that appeal. According to Arvalis, triticale requires approximately 2.6 kg of nitrogen per quintal, compared with about 3 kg for bread wheat.
Agri Obtentions brings more than 40 years of triticale breeding experience to that opportunity, with significant varietal renewal in recent years. The company also points to grain yield, straw production, performance on difficult soils and suitability for low-input and organic systems as reasons for partners to consider where the crop could fit in their markets.
Partners looking for new ways to respond to Europe's push for greater protein production may find another opportunity in winter pea and winter faba bean.
Even where protein-crop (pea, faba beans and lentils) acreage remains under pressure, Agri Obtentions continues to invest in genetics that could give partners more options as growing conditions shift. Climate change may strengthen the case for winter types: autumn sowing can help crops make better use of available water, spread production risk and avoid some late-cycle stresses.
"We're looking for places where our genetics can answer a real market need," François says. "That starts with understanding what growers are facing locally and where our breeding programs can bring something useful to the portfolio."

A LONG VIEW ON INNOVATION

Behind those partnerships is more than four decades of varietal development. Founded in 1983, Agri Obtentions has approximately 60 employees and €15 million in turnover across France and Europe. It has released more than 450 varieties, works with more than 400 licensees and reinvests approximately 30% of revenue in R&D.
The company believes seed is the first vector of each country's sovereignty, and that varietal innovation, kept accessible to all through Plant Breeders' Rights (the French « certification d'obtention variétale » COV), is what gives the seed business a better future.
"Seed is the starting point for a country's agricultural sovereignty," François says. "Our role as breeders is to keep creating varietal innovation that gives farmers and seed companies more options for the challenges ahead."



François Cuvelier
Sales Manager
France and Export



Vincent Béguier
General Manager





www.agriobtentions.fr/en/



Conventional

WINTER WHEAT	5
TRITICALE	8
DURUM WHEAT	10
SPRING OAT	10
WINTER PEA	11
WINTER & SPRING PEA	12
BEAN	14
CHICK PEA & LENTIL	16
BUCKWHEAT	17

agri obtentions



Geopolis

WINTER WEAT

Geopolis is Agri Obtentions' new winter!

Thanks to its **very high productivity**, the variety finished **1st in the CTPS North zone** for the 2023/2024 harvests (113.6%!). With exceptional disease tolerance (1st registration 8 in septoriose, 8 brown rust...), it also offers tolerance to foot rot (PCH1) and orange midge resistance, not forgetting its GPD of 9, which gives it an intrinsic protein rating of 5!

In terms of quality, Geopolis provides very **high baking strength** (215-250 at 11.5%) and excellent hydration in flour models, with a creamy to yellow crumb (tenacious profile). Validated by ANMF with its VOp certification!

A variety to be planted early in high-potential plots, avoiding previous corn.

SOWING AND GROWING AREA





Generik

WINTER WHEAT

Another big news for winter wheat!

Generik is Agri Obtentions' quality gold medal winner, with excellent bread-making performance, particularly in traditional processes thanks to its extensible tendency. Rewarded by the ANMF with its VOp rating, it has a high level of lodging tolerance (7), while maintaining very good yellow rust (7) and septoria (7) behavior.

Very good yield potential, validated at CTPS with a 107.6% treaty rating for 2023 and 2024 harvests!

A variety to be planted in all types of soils and early to intermediate sowing conditions.

SOWING AND GROWING AREA



Winter wheat



Gandy

ANMF VQp · RESISTANT MOSA · SW+

WINTER WHEAT

Gandy is a new variety!

It combines **mosaic resistance with a consistent yield potential, ranking in the top third.** Its main strength is **grain quality** (high specific weight and excellent protein content), backed by top-tier technological quality: **a very high W, consistent, on a balanced to slightly tenacious profile.** It also offers excellent lodging tolerance thanks to its short stature, together with an awned habit often sought after at this earliness (score 7).

SOWING AND GROWING AREA





Giverny

PCH1 · CEPP 0.05 · Fusa +

WINTER WHEAT

An new early wheat variety combining strong yield potential with excellent adaptability.

With a **high plant height, very high TGW and suitability for all soil types**, it offers reliable performance across a wide range of conditions. Its **strong disease resistance profile**, particularly its very good Fusarium resistance, provides added crop security. An early BPS Awns variety, it also benefits from PCH1 resistance and very good yield potential.

SOWING AND GROWING AREA





Graveline

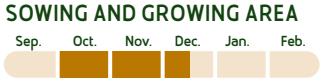
PCH1 · ANMF VOext · RESISTANT CÉCI

WINTER WHEAT

Graveline is adapted for early planting and has a very good potential.

In these situations, it will provide **very high specific weight, good protein levels** and **excellent resistance to lodging and all types of disease!**
To accompany this agro-ecological profile, it stands out for its **technological quality, with a tendency to stretch and very good W levels.**

SOWING AND GROWING AREA





Galloway

VRMF ANMF · GPD+

WINTER WHEAT

Awarded by the ANMF, under the VRM recommendation (Variety Recommended by the Milling industry), confirms its top-level technological characteristics!

Galloway is characterized by **high W values and balanced P/Ls for a tenacious to very tenacious rheological profile.**
It also stands out for its **cream to yellow crumb.**

SOWING AND GROWING AREA





HIGH QUALITY BREAD WHEAT

IMPROVER WHEATS AND FORCE

Varieties	AGRONOMIC CHARACTERISTICS										DISEASES RESISTANCE									QUALITY								
	Awns	Alternativity (Seasonal type)	Earliness of run	Earliness at heading	Earliness at maturity*	Height	Chlortoluron	Frost	Lodging	Sprouting	Yellow Rust	Brown Rust	Mildew	Eyespot	Septoria tritici	Fusarium	DON accumulation	Mosaic WMC/WSMV	Orange Wheat Blossom Midge (OWBM)	Quality class	Specific Weight	Proteins (GPD)	Protein content	Hardness	Baking strength (W)	Tenacity/ Extensibility (P/L)	ANMF view	CEPP/per dose
Giverny NEW	Awns	5,0	4*	7,0	7,0	4,0	S	8,0	5,0	4*	7,0	6,0	6*	(PCH1) 6	6,0	5,0	-	S*	S*	BPS	5,0	(5)	(3)	Mid-hard	165-225	0.5-0.8		0,05
Gandy NEW	Awns	4,0	3*	7,0	7,0	3,0	T	6,0	(6.5)	6*	6,0	6,0	5,0	3,0	5,5	4,5	-	R	S*	BPS	7,0	(8)	(6)	Mid-hard	175-225	0.9-1.5	VOp	0,05
Grekau	Awns	6,0	5,0	7,5	7,0	3,5	T	7,0	5,5	5,0	7,0	8,0	8,0	(PCH1) 6	6	5,5	5,0	R	R	BPS	5	7	6	Mid-hard	125-195	0.5-0.9	VRMp EXT	0,06
Gerry	Awns	4,0	3,0	7,0	7,0	3,0	T	5,5	6,5	6,0	5,0	4,0	4,0	(PCH1) 6	6	4,5	4,5	S	S	BPS	7	6	4	Mid-hard	145-180	1,3-2,2	VRMp	0,05
Gavroche	Awns	3,0	3,0	7,0		4,0	T		4,0	4,0	7,0	4,0	7,0	3,0	5,5	5,0					8	6		Mid-hard				
Generik	-	3,0	3*	6,0	6,5	3,5	T*	7,0	7,0	4,0	6,0	4,0	5,0	3,0	7,0	5,0	4,0	S*	S*	BPS	6,0	5,0	3,0	Mid-hard	140-170	0.4-0.5	BPMF	0,10
Geopolis	-	3,0	(3)	5,5	5,5	4,0	S*	5,5	6,0	2,0	6,0	8,0	4,0	(PCH1) 7	7,5	4,5	3,5	S*	R	BPS	4,0	8,0	5,0	Mid-hard	215-250	0,8-1.2	BPMF	0,06
Graveline	Awns	2,0	(2)	5,5	5,5	3,5	T	7,0	6,0	4,0	8,0	7,0	8,0	(PCH1) 6	7,0	4,5	-	S*	R	BPS	8,0	5,0	4,0	Hard	170-205	0.5-1.5	VRMp EXT	0,06
Galloway	-	2,0	3,0	7,0	7,0	3,5	T	7,0	6,0	5,0	7,0	5,0	6,0	3,0	6,5	5,0	5*	S*	S*	BAF	7	8	7	Hard	310-395	1,2-1,9	VRMf	0,05

GEVES ratings updated by Arvalis - Institut du végétal - ( ) Notes to be confirmed.

* Agri Obtentions scores. Ratings from 1 to 9 with 9 = spring, very early, very high, very resistant or very good PS - R resistant, T tolerant, S sensitive.

ANMF National Association of French Millers.

BPMF Wheat for the French milling industry.

VRM Variety recommended by the French milling industry.

VO Variety in Observation, p bread wheat.

f force wheat, bio organic wheat, bb baking wheat.

Triticale



Requin

TRITICALE

Requin is the new productive triticale witness!

With an early cycle and a fast finish, Requin is a very productive variety for both Treated and Untreated crops.

Triple use :
BIO x METHAx Grain yield

Best entry 2025, tolerant to lodging, Requin is a promising N°1.

SOWING AND GROWING AREA





Rendezvous

TRITICALE

With the best CTPS Organic Agriculture rating, Rendezvous is a ½ Early to ½ Alternative variety with a lot of advantages:

- Very good behaviour to leaf diseases;
- Flexible sowing date;
- Good cold tolerance.

SOWING AND GROWING AREA





Rapace

TRITICALE

Discover Rapace, a groundbreaking early variety enhancing agricultural efficiency.

As the first CTPS treated over two cycles, it excels in resilience and performance, making it ideal for organic farming. With strong resistance to yellow rust and rhynchosporium, Rapace ensures secure, high yields. Embrace the future of farming with Rapace!

SOWING AND GROWING AREA





Rivage

TRITICALE

Discover Rivage, a standout triticale variety in modern agriculture !

Known for its **flexible planting dates and top performance in organic farming**, it is already recognized as the best for 2025. Rivage matches the development cycle of Ramdam but surpasses it with **high grain productivity**. Its notable height and strong resistance to fusarium make it an essential choice for savvy farmers. Choose RIVAGE for an excellent and worry-free harvest!

SOWING AND GROWING AREA





NEW

Rafting

TRITICALE

Medium-early triticale variety, delivering high performance (No. 1 in the 2026 untreated trials), combining excellent yield potential with very good disease resistance (yield advantage under untreated conditions). Suitable for a wide sowing window, this versatile variety ensures high-quality production with good specific weight.

SOWING AND GROWING AREA





NEW

Requiem

TRITICALE

Medium-early, semi-alternative variety, Requiem achieved a good treated/untreated yield gap at registration.

The variety has excellent test weight and good plant stature.

SOWING AND GROWING AREA



		AGRONOMIC CHARACTERISTICS							DISEASES RESISTANCE							QUALITY		
Varieties		Alternativity	Earliness of run	Earliness at heading	Frost	Height	Lodging	Sprouting	Eyespot	Mildew	Yellow Rust	Rhynchosporiose	Brown rust	DON accumulation	TGW	Specific weight	Proteins (GPD)	Potential viscosity
Rafting	NEW	7	3*	6,5	5,5	7,5	(5)	3	3	7	8	7	7			6	7	5,7
Requiem	NEW	6	2*	6,5	5,5	7,5	(4,5)	4	7	7	6	6	5			8	6	4,2
Rally	NEW	6	3	6,5	4	6,5	6			8	8	7	5			5	6	2,6
Rorkal	NEW	5	5	7,5	6	6,5	6			6	7	5	8			5	5	2,4
Rapace		5	(3)	7,0	7	7	5	4	5	5	7	7	5	4	9	6	6	3,5
Reptil		5	(2)	6.5	5	7	5.5	3	5	8	8	7	7	4		4	6	4,8
Requin		5	(4)	7.5	5.5	7	6	4	5	6	8	7	5	4,5	9	7	7	2,5
Rivage		6	4	7,0	4,5	7	5,5	6	5	6	6	6	7		6	5	4	4,2
Riparo		7,5	7	6,5		6	(6,5)	7		(5)	(6)		(8)	(2)		(6)	(3)	
Ruglatt		4	6	6,0		6,5	6			7	6,5		7					
Rendezvous		5	4*	6,5	7	7,5	2,5	4	4	7	7	7	7		7	5	4	2,5
Ramdam		6	3	6,5	(7)	7	6.5	4	6	5	6	6	8	4.5	7	4	4	4.2
Rombold	NEW	4	6	6,0		6	6			7	7		7					
Rivolt		6	4	7,0	(7)	6.5	6.5	3	7	6	5	5	8	5.5	6	5	5	2.9

GEVES ratings updated by Arvalis - Institut du végétal - ( ) Ratings to be confirmed.

* Agri Obtentions scores - Scores from 1 to 9 with 9 = spring, very early, very high, very resistant or very good PS.

Durum wheat

Varieties	AGRONOMIC CHARACTERISTICS				DISEASES RESISTANCE						QUALITY							
	Earliness of run	Earliness at heading	Height	Lodging	Mildew	Yellow Rust	Brown Rust	Septoria tritici	Ear fusariosis	DON accumulation	TGW	Specific Weight	Proetins	Yellow index	Clarity (brown index)	Speckles	Mitadinage	Technology class
Danube	3*	6,5	4	4,5	7*	8	8	7*	4		8	7*	6	6,5	6,5	6,5	6,5	
Dimokritos	3	7	3*	6*	7*	6*	6*	5,5	4,5*	5	7	6,5	6	7	6,5	6,5	5	BDQ
Xenofon NEW	3	8	5	4	7*	7	6	6,5	4,5*		8	7	6	6	6,5	6,5	5	
Aristotelis NEW	3	8	5	4	6,5	7	6	5,5	4,5*		8	7	6	7	6,5	6,5	5	
Promitheas NEW	3	6,5	5	4	6,5	7	6	6,5	4,5*		7	6,5	5	7	6,5	6,5	5	
Idilico NEW	5	7	5	4	5	6	7	5,5	6		7	7	6,5	6,5	6,5	6,5	6	

* Agri Obtentions scores.



Dimokritos

DURUM WHEAT

Early durum wheat variety combining high yield potential and excellent stability across a wide range of environments, with high protein content, good specific weight and high yellow index, as well as genetic resistance to major fungal diseases. Variety adapted to organic conditions.

SOWING AND GROWING AREA

Sep. Oct. Nov. Dec. Jan. Feb.

Winter barley

Varieties	Rows	AGRONOMIC CHARACTE-RISTICS					DISEASES RESISTANCE							QUALITY			
		Alternativity	Earliness at heading	Height	Frost	Lodging	Mildew	Rhynchosporiose	Spot blotch	Leaf rust	Ramularia leaf spot	Mosaic (Y1/Y2)	JNO (BYDV)	Quality	Specific Weight	TGW	Proteins
Okirroi	2	5,5	7,0		6,0	4,5	5,5	6,0						Forage	6,0		6,0
Eternity NEW	2	5	7,0	5,5	6,0	4,5	7,0	6*	7,0	6,0	(6)	S*	T	Forage	8,0	8*	4*
Fenice*	6	6	8,0	5,5	6,0	6,0	6,0	6,0	5,0	6,0	5,0	S	T	Forage	6,0	5,0	4,5

* Agri Obtentions scores.



Eternity

BARLEY

Eternity is the new 2-row barley variety, well suited to livestock and mixed crop-livestock farms!

Its key strengths? An exceptional specific weight (higher than Memento!!), very high straw production, good disease tolerance, and strong yield potential!
In addition, Eternity has an earlier-than-average growth cycle (7).

SOWING AND GROWING AREA

Sep. Oct. Nov. Dec. Jan. Feb.

Spring oat



Candice 1ST

SPRING OAT

Candice is the new white oat variety of the year! With its outstanding yield potential, it also offers excellent lodging resistance and good disease tolerance. In addition, it perfectly meets market requirements in terms of end-use opportunities. It is also noting its earlier-than-average maturity and its excellent ground cover, combined with very good early vigour.

SOWING AND GROWING AREA



		AGRONOMIC CHARACTERISTICS					DISEASES RESISTANCE			QUALITY		
Varieties	Color	Earliness at heading	Height	Frost	Lodging	Crown rust	Mildew	Septoria tritici	Specific weight	Proteins	Almond Finesse	TGW
Celeste	**Black**	6,0	5,5	-	6,0	5,0	4,0	6.5*	8,0	4,5	6,5	7,5
Citadelle	**Black**	6,0	5,0	-	5,5	5,0	(6)	6*	8,0	4,5	6,0	7.5*
Candice NEW	**White**	6,5	5,5	-	6,0	6,0	(4)	5*	7,0	4,0	6,0	6*

GEVES ratings updated by Arvalis - Institut du végétal - ( ) Ratings to be confirmed.
* Agri Obtentions scores - Scores from 1 to 9 with 9 = spring, very early, very high, very resistant or very good SW.

Winter and spring pea



Foudre 1ST

WINTER PEA

1st variety in the Terres Inovia network for the 2023 harvest, with a potential of 110.2% of the trial average.

Foudre brings a real gain in productivity, TGW and disease resistance.
Foudre combines a TGW and productivity superior to those of the controls on the market.
In addition to its resistance to powdery mildew and its large size (+10 cm compared with controls), it is a variety perfectly suited to the expectations of the main pea markets (export, animal feed, starch production, etc.).

SOWING AND GROWING AREA





Furtif

WINTER PEA

New cold reference for winter peas.

Furtif scores 7.5, the highest cold hardiness rating of all winter pea varieties.
Furtif is the variety best suited to North-Eastern zones, which will protect harvests from cold snaps.
Moreover, it has been awarded a bonus for its very good stem strength, ensuring optimum resistance to lodging for a safe harvest!

SOWING AND GROWING AREA





Fatal

WINTER PEA

Fatal, a top winter pea registered in 2026, combines high yield potential with a balanced agronomic profile: tall plants, very good lodging resistance, outstanding cold tolerance comparable to Fresnel, and very good disease tolerance.

SOWING AND GROWING AREA





Fuego

WINTER PEA

It is characterized by an excellent balance of winter hardiness, lodging resistance and iron chlorosis tolerance! It is also distinguished by its **very high protein content and very good tolerance to ascochyta.**

With intermediate flowering and maturity, Fuego is perfectly suited for those seeking a well-balanced variety!

SOWING AND GROWING AREA





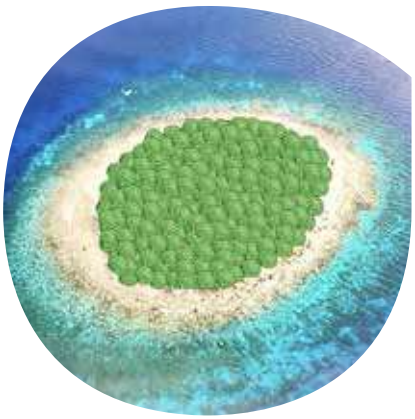
Faquir

WINTER GREEN PEA

A late-maturing afila type. Green grain pea for breaker use, with excellent covering power, a high thousand-seed weight and high protein content.

SOWING AND GROWING AREA





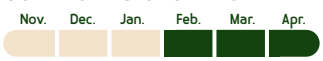
Atoll

SPRING GREEN PEA

Atoll has become the leading reference for Green spring peas, offering the best resistance to discoloration on the French market.

In addition to its use for breaker, this variety delivers very high yields, comparable to those of yellow-seeded spring peas, with a yield of 116% of the CTPS reference varieties at registration.

SOWING AND GROWING AREA



NEW



Pulsion

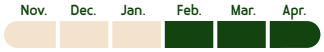
SPRING PEA

Pulsion is the definition of genetic innovation.

It is the first variety to offer such a high level of tolerance to Aphanomyces. This provides a dual benefit: it can be grown on fields with a history of Aphanomyces contamination, while significantly reducing the multiplication of the pathogen in the soil.

In addition, Pulsion produces very high biomass and has a very tall plant structure. The variety is late throughout its entire growth cycle and is therefore particularly well suited to early sowing.

SOWING AND GROWING AREA



	Varieties	AGRONOMIC CHARACTERISTICS: Earliness flowering	Earliness end flowering	Earliness at maturity	Harvest height	DISEASES RESISTANCE: Frost	Iron chlorosis	Aphanomyces	Lodging	QUALITY: TGW (indicative)	Protein content
YELLOW											
Winter	Fuego	Inter	1/2 Early	Inter	High	T	T	-	TT	220-250	High
	Farwest	1/2 Early to 1/2 late	Late	Late	Very high	MT	MT	-	TT	180-200	Medium
	Furtif	1/2 Early to 1/2 late	Inter	Early	Medium	TT	T	-	T	200-220	Low
	Foudre	Late	Late	1/2 Early	Very high	MT	MT	-	TT	200-220	Low
	Fatal* NEW	1/2 Early	Late	1/2 Early	High	TT	MT	-	TT	180-200	Medium
	Flokon	Early	Late	1/2 Early to 1/2 late	Short	T	MT	-		180-200	Medium
	Fleche	Early	Early	1/2 Early	High	T		-	TT	220-250	Medium to high
	Fresnel	Early	Late	Inter	Medium	TT	MT	-		220-250	Medium
	Furious	Early	Late	Inter	Medium	MT	S	-		200-220	Low
Spring	Pulsion* NEW	Late	Late	1/2 Early	Very high	-	-	5	T	200-220	Low
CORAL GREEN											
Winter	Faquir	1/2 Early to 1/2 late	Late	Late	High	MT	MT	-	T	220-250	High
Spring	Atoll	1/2 Late	Inter	Late	Medium	-	T	1	MT	200-220	Medium
	Gent	1/2 Early	Inter	1/2 Late	Short	-	T	1	MT	220-250	Very high
Winter	Facette	Late	Inter	1/2 Early	High	T	MT*	-	AT	200-220	High

GEVES ratings updated by Terres Inovia.
* Agri Obtentions scores - **S** sensible - **MS** moderately susceptible, **PS** not very susceptible, **TPS** very not very susceptible, **AR** fairly resistant, **T** tolerant, **MT** moderately tolerant, **TT** very tolerant.

Bean



Nagoya

WINTER BEAN

Newly registered for the 2023 harvest, Nagoya has a quotation of 118.4% of the North zone controls.

It has a high TGW and good protein content!

SOWING AND GROWING AREA



		AGRONOMIC CHARACTERISTICS			QUALITY			
	Varieties	Earliness at flowering	Lodging	Frost	Flower color	Content of vicine/convicin	TGW (indicative)	Protein content
Winter	Irena	Early	T	MT	Colored	High	500-550	High
	Nagoya	1/2 Early	TT	T	Colored	High	>600	Medium
	Nairobi	Mi Tardive	TT	MT	Colored	High	>550	Very high
	Nebraska	1/2 Early	MT	T	Colored	High	450-500	Low
	Nepal	1/2 Early	T	T	Colored	High	>550	High
	Niagara	1/2 Early	MT	T	Colored	High	450-500	Low
	Noumea	Late	T	T	Colored	High	500-550	High
	Namiby	Inter	T	T	Colored	High	500-550	Medium
Spring	Navara	Late	MT	-	Colored	High	450-500	High
	Notilus	1/2 Late	T	-	Colored	High	500-550	High

GEVES ratings updated by Terres Inovia.
* Notes Agri Obtentions - **MS** moderately susceptible, **PS** not very susceptible, **TPS** very not very susceptible, **AR** fairly resistant, **T** tolerant, **MT** moderately tolerant, **TT** very tolerant.



Nepal

WINTER BEAN

Newly registered for the 2023 harvest.
Nepal offers very good yields and good disease resistance!

SOWING AND GROWING AREA





Notilus

SPRING BEAN

Newly registered,
Notilus is a spring faba bean **combining productivity, a very high TGW, a good protein and good stem strength.**

Notilus has an interesting disease tolerance complex!

SOWING AND GROWING AREA





Nairobi

WINTER BEAN

Nairobi is the best entry CTPS 2020/21, with very high productivity, grain yield and protein content.

A tall variety with excellent lodging resistance, Nairobi's TGW is high.

SOWING AND GROWING AREA





Noumea

WINTER BEAN

A new faba bean with very good cold tolerance.

Rather late, Noumea has good resistance to disease, particularly against botritys.

SOWING AND GROWING AREA



Chickpea



Sombrero

CHICKPEA

Sombrero, the «desi» type chickpea that's changing the game for legume farming! This variety **stands out with its impressive productivity, thanks to its strong stem and relatively early maturity**. Choose Sombrero and grow your way to success !

Lentil

Agri Obtentions, a long-standing player in the production and distribution of certified lentil seed, has been involved in the development of the French quality production sectors.

The breeding programme is based in Clermont-Ferrand, with the aim of renewing and enhancing the diversity of the species.



Anicia

GREEN LENTIL

The Anicia variety, commonly known as the Lentille Verte du Puy, is a highly distinctive variety, with yellow cotyledons and green teguments bearing highly characteristic marbling.

With a prestigious brand image thanks to the Protected Designation of Origin (PDO) obtained in its cradle of origin, it represents a well-established reference.

The same Anicia variety is grown for the Label Rouge Lentille Verte du Berry.

		GRAINS				QUALITY			
	Varieties	Seed color	Color cotyledon	Shape	TGW	Earliness Flowering	Height	Proteins	Strengths
GREEN	Anicia*	Marbled green	Yellow	Semi-flat	Medium 26-30	½ early	Short	Medium	The reference for labels
	Aria*	Marbled green	Yellow	Semi-flat	Medium 26-30	Late	Short	Low	Enhance the value of deep soil
	Clara*	Light green	Yellow	Semi-flat	Low 22-26	½ early	Quite short	High	High protein content
CORAL	Alesia*	Grey brown	Coral Orange	Semi-flat	Low 22-26	½ late	Medium	High	Original seed color
	Arizona*	Orange to pale green	Coral Orange	Semi-flat	Medium 26-30	Early	Short	Medium	Great potential
	Coralia* NEW	Coral	Coral Orange	Semi-flat	31-35	½ late	High	Low	Very large TGW
	Rosana*	Coral	Coral Orange	Round	Low 22-26	Late	Medium	High	Very good organoleptic quality
	Victoria*	Coral	Coral Orange	Semi-flat	(medium 26-30)	(very early)	(medium)	(high)	Very early
BLOND	Flora*	Brown ochre	Yellow greenish	Semi-round	Low 22-26	½ early	Medium	Medium	The reference for blond lentils

*Agri Obtentions, () to be confirmed.

Buckwheat



Harpe

BUCKWHEAT

Buckwheat is a low-input, environmentally-friendly specy with recognised agronomic advantages:

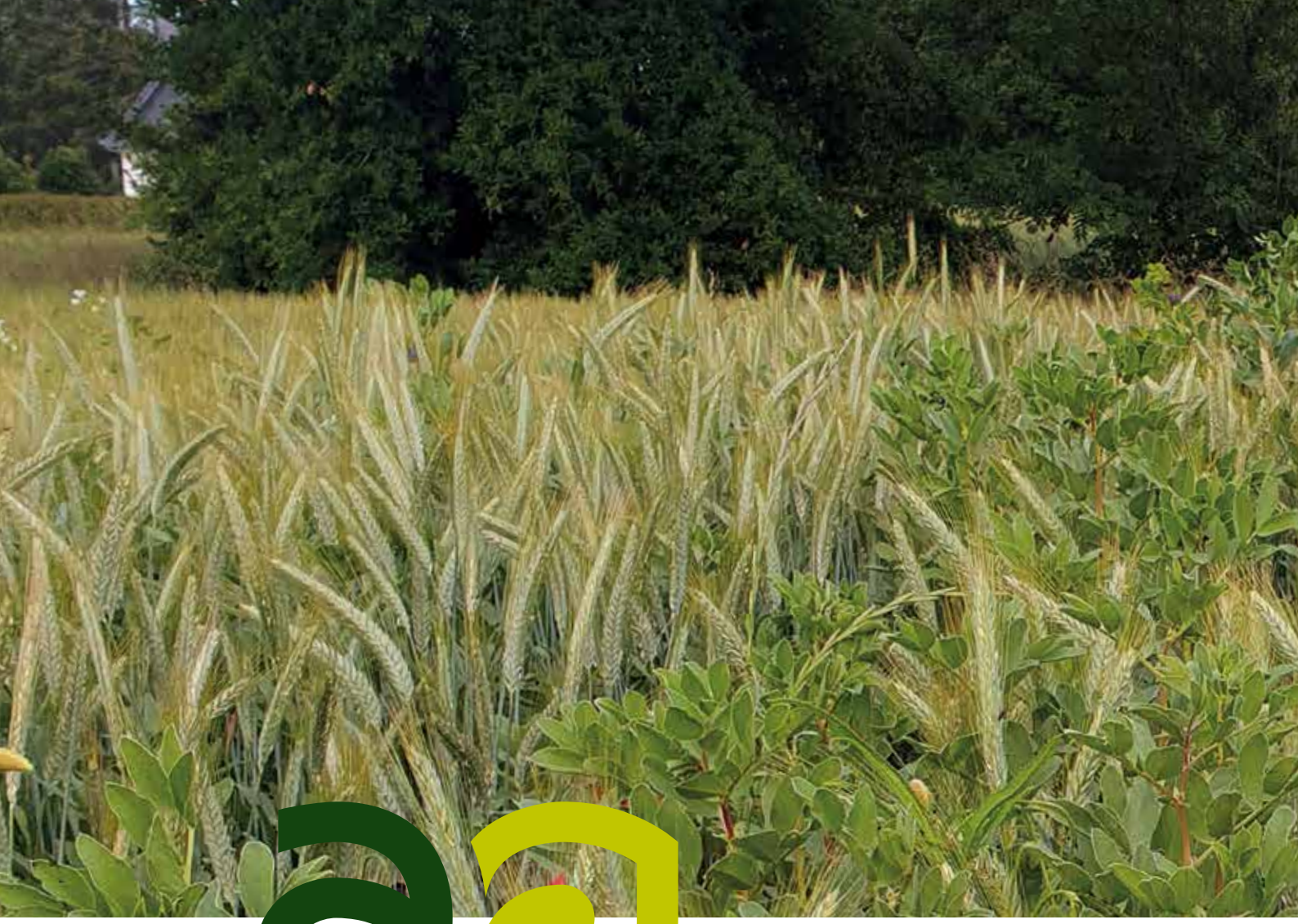
- high nitrogen retention capacity, limiting leaching ;
- vigorous vegetation that naturally smothers weeds;
- its strong allelopathic effect, which limits the development of weeds.

As well as being renowned for its Breton galettes, Harpe has many other uses:

- human food: gluten-free flour, beer, whisky ;
- honey plant ;
- game cover ;
- Nitrate trape cover crops.

Varieties	GRAIN	TGW	EARLINESS OF FLOWERING	VALUATION BY SECTOR	STRENGTHS
Harpe *	**Silver**	**19-22**	**½ late**	**PGI « Farine de blé noir de Bretagne »**	**The reference in milling**

*Agri Obtentions, () to be confirmed.



agri obtentions



Association

BLENDS 20
FODDER PEA & Hr PEA 22
SMALL BEAN 23
WINTER OAT 23
TRITICALE 23
FODDER RADISH 23

+ Blends



Initiated more than 10 years ago, Agri Obtentions is accelerating the research and marketing of intercropping species and crop combinations!

The wide variety of species selected and marketed by the company means that we can respond to a wide range of problems and uses.

The thinking behind and the development of the range have been guided by the various uses found among farmers: looking for biomass, increasing the protein content of soft wheat in organic farming, early harvesting for establishing a catch crop, mixtures adapted for self-consumption in livestock farming, intercropping and companion plants.

Thanks to several years of experimentation on more than 5 Agri Obtentions and INRAE research stations throughout France, we can offer you 4 combinations created from our varieties.



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AO Polyculture +

BEAN + TRITICALE

AO Polyculture + is best suited to organic farming, particularly on a mixed crop-livestock system. Produced from a mixture of Nairobi faba beans and Ramdam triticale, the complementary nature of this combination is ideal and has enabled us to observe a very high level of productivity and excellent resistance to lodging. This combination makes sorting between cereals and protein crops much easier.
The success of this combination depends on the quality planting. For AO Polyculture +, a seed drill with a double hopper or 2 passes are preferable because the seeding depth is not the same.



AO Protein security +

WINTER WHEAT + HR PEA

Well-identified for several years now, the major dilemma in growing wheat is to ensure a minimum protein content to meet the specifications of the collectors, while maximising grain yield. Nowadays, varieties with a high protein content are often less productive. To ensure a very high level of protein and optimise gross margins per hectare, we combine a soft wheat classified as a 'compromise yield/protein' with a Hr winter pea.
Hr peas are photoperiodic. This means that its vegetation and flower initiation at the end of winter are correlated with day length and not to the sum of temperatures, like conventional winter peas (hr). There is therefore no 'calendar' conflict with wheat. Hr peas and wheat are on the same development cycle (from sowing to maturity), the benefits of this combination are manifold:
- reduction in inputs ;
- increased protein content in wheat ;
- significant reduction in weed infestation;
- safer pea harvesting (especially for lodging).



AO Biomass +

TRITICALE + FODDER PEA

The AO Biomass + blend has demonstrated its very high level of productivity in both grain and immature crops. It is composed of our reference triticale, Ramdam, a concentrate of straw and grain productivity, and our pea, Asteroid.
Asteroid is a white-flowered Afila with tannin-free grains that can be used for both fodder and grain, making it particularly interesting for feeding pigs.
What's more, this variety offers real genetic benefits in terms of stem strength and cold tolerance compared with the benchmark varieties.
This blend is of great interest for energy crops.



AO Precocity +

WINTER BARLEY + TRADITIONAL WINTER PEA

This combination is possible in both conventional and organic farming.
AO Précocité + is composed of an early, productive fodder winter barley and a protein pea with very good stem strength.
One of the major advantages of this combination is that it gives you an early harvest, giving you the opportunity, depending on the region, to plant a catch crop: buckwheat, maize, soya, temporary grassland, etc.
The main outlet for the mix is animal feed, as the brewing industry favours pure barley.

Fodder pea & Hr pea



Asteroid

FODDER PEA

Asteroid is an afila fodder pea with white flowers (tannin-free seeds). With its dual use as fodder and grain, Asteroid to promote protein autonomy for sustainable agriculture.

The performance of Asteroid peas will enable you to obtain more productive meslin:
- For a green fodder harvest, Asteroid provides an increase of 39% more mv/ha or 9.9 T of mv/ha compared with controls* ;
- for a dry forage harvest, the variety offers a 48.9% increase in mv/ha, i.e. 2.4 tonnes more mv/ha than the controls.

Advantages of the Asteroid variety:
+ very high vegetative biomass = high competition for weed control weeds;
+ high tolerance to cold, with a score of 7 ;
+ high tolerance to ascochytosis;
+ high tolerance to water stress.

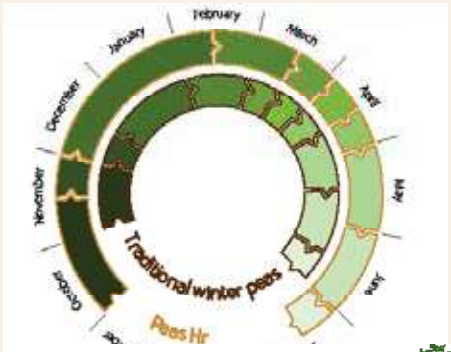
	Varieties	TYPE	STRENGTHS	BENEFITS	ROOTS	NITROGEN TRAPPING	USE FORAGE	PRODUCTION BIOMASS	INTEREST FOR BEES
FORAGE	**Assas**	½ early colorful flowers	High nitrogen content, high biomass	- Protection of the soil against capping and erosion ; - soil enrichment in organic matter ; - recycling of mineral elements; - cover for game.	Leaflet	Medium to low	Good in association	High	High pro-duction of nectar and pollen
	Asteroid	½ early white flowers	Afila, without tannins, strong vegetative development					Very high	
Hr	**Flambo**	Late Hr	Reactive to photoperiod, suitable for early sowing	Suitable for cereal/ protein crop combinations		Medium	Interculture summer	High	
	Helio	Late Hr	Reactive to photoperiod, suitable for early sowing	Suitable for cereal/ protein crop combinations		Medium			

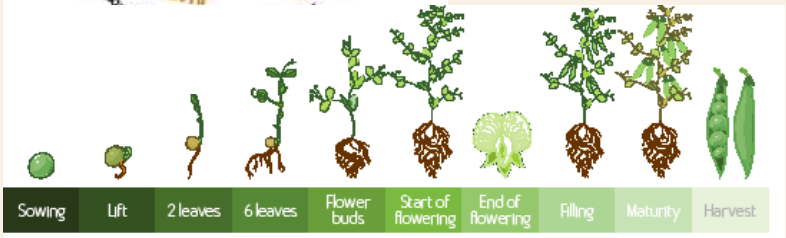
* Assas, Ascension, Picar

What are Hr peas?

Hr peas are photoperiodic peas.
This means that the start of flowering will depend on the length of the day and not the temperature.

Particularly suitable for growing in association or in mixtures.





3 benefits

1. **Earlier sowing.**
2. **Almost simultaneous maturity with cereals.**
3. **Greater soil cover coverage.**

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Small-seeded Faba bean



Nanaux

SMALL SEEDS SPRING BEAN

Nanaux is a faba bean variety with a TGW of less than 250g.
This makes it suitable for use in intercropping, mixed species, as a companion plant for rape, sowing under cover, etc.
Nanaux has an ideal development cycle for combining with oilseed rape (its low emergence aggressiveness means it competes little or not at all with the rape). On the other hand, its late flowering and high height are major advantages for intercropping or sowing under cover.

Winter oat



Ballance PZ0

WINTER OAT

Ballance PZ0 is a winter oat that can be used in two ways in biomass production.
It can be sown both in autumn (in association with a protein crop, for example) for an early harvest so that a catch crop can be planted, or as a summer intercrop to prevent the cover crop from going to seed. Ballance PZ0 has very good lodging resistance as well as a complete disease profile regarding to rust.

Triticale



Requin & Rapace

TRITICALE

Often overlooked in the use of intercropping for biomass energy purposes, biomass, triticale is nonetheless a well-adapted species because it is very tall and has a very high tillering capacity !
Requin with an early cycle and a fast finish is a very productive variety and produces a very high level of dry matter. Early as well Rapace is suited to biomass cultivation, with a height as requin and a very hight number of ears per square meter.

Fodder radish



NWS1 - Smart Radish®

FODDER RADISH

NWS1 - Smart Radish® is a forage radish variety suitable for intercropping, with good dry matter production from the above-ground part. Its root system will also contribute to the improvement of the soil structure. What's more, this variety is effective against nematodes, particularly beet cyst nematodes. Bonus: maximum soil cover!



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Organic range

BIO ORGANIC WINTER WHEAT 26

BIO

Organic winter wheat



Glenan

ORGANIC WINTER WHEAT

A variety of yield-protein compromises,
Glenan has a high straw height.

Noted by the ANMF for its very good bread-making scores over a wide range of proteins, it is now classified as VRMp.

SOWING AND GROWING AREA

Sep.	Oct.	Nov.	Dec.	Jan.	Feb.
	■	■	■		



Gyros

ORGANIC WINTER WHEAT

AB France-listed variety, medium-early maturity, offering a distinctive quality profile with an extensible dough and yellow crumb.

It combines good agronomic performance with a strong yield potential, reaching 108.7% of the CTPS trial standard.

SOWING AND GROWING AREA





Gwenn

ORGANIC WINTER WHEAT

High organic yield potential, excellent disease resistance and wide sowing window for diverse climates.

It combines excellent septoria performance with outstanding late-cycle ground cover.

SOWING AND GROWING AREA



Varieties	Registration	AGRONOMIC CHARACTERISTICS							COVERING POWER			DISEASES RESISTANCE								QUALITY		
		Awns	Alternativity	Earliness at heading	Frost	Height	Lodging	Sprouting	Tallage end stage	Stage 1-2 node	Heading stage	Eyespot	Yellow rust	Septoriose tritici	Brown rust	Fusarium	Accumulation DON	Intricate mosaics	Orange midges	Specific weight	Proteins - AB	AMNF AB review
Geny	**AB**	**Awns**	**3**	**7**	**6.5**	**4.5**	**5.5**	**4**	**4**	**4.5**	**6**	**4**	**7**	**5.5**	**5**	**5**	**4.5**	**R**	**-**	**6**	**4**	**VRMp**
Glenan	**AB**	**-**	**2**	**6**	**6.5**	**6.5**	**4**	**6**	**3**	**4**	**6**	**3**	**6**	**6.5**	**6**	**5.5**	**-**	**-**	**-**	**6**	**4**	**VRMp**
Gwenn	**AB**	**-**	**6**	**6**	**6**	**4.5**	**7**	**4**	**4**	**5.5**	**7**	**5**	**7**	**8**	**6**	**4.5**	**5**	**-**	**-**	**6**	**3**	**-**
Gyros NEW	**AB**	**-**	**3**	**6.5**	**5.5**	**4**	**(6)**	**-**	**3**	**4**	**6.5**	**3**	**7**	**6**	**5**	**4**	**-**	**-**	**-**	**(5)**	**(5)**	**-**
Renan	**-**	**Awns**	**1**	**6**	**9**	**4**	**5**	**6**	**2**	**5**	**8**	**5**	**5**	**-**	**6**	**6.5**	**6**	**-**	**R**	**7**	**6**	**VRMp**

AB Variety registered in the French catalogue on the basis of trials conducted in Organic Agriculture.
GEVES ratings updated by Arvalis - Institut du végétal - ( ) ratings to be confirmed.
* Notes Agri Obtentions. Notes from 1 to 9 with 9 = spring, very early, very high, very resistant or very good PS - R resistant,
T tolerant, **S** sensitive.
ANMF National Association of the French Milling Industry, **VRM** Variety Recommended by the French Milling Industry, **p** bread wheat.



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