



Diploid Oat / Black Oat / 1/2 Early



PANAM Genetic– Listed on french list

## THE REFERENCE VARIETY

### THE PLANT

Mid early variety :

Sowing possible until end of November (according to the location)

Planting dates		Plant height	Soils types
Cold areas	Cool areas		
From mid July to mid September	From mid August to mid November	1m to 1,5 m	No restrictions



### MANAGEMENT TIPS

- Sowing density : 20 to 45 kg per hectare
- Implantation : can be broadcast or row planted at 17 to 20 cm
- Mixture possible with other species (vetch – phacelia – clover...)

### KEY STRENGTHS

- The best production of biomass in GEVES registration trials 2013-2015\* (table below)
- Very good C/N ratio = 23
- Very resistant to common rust and aphids.
- Frost at -4 / -5°C
- Powerful and developed root system
- Brute proteins 13 to 15 %.
- Can be collected as green or grazed silage.
- Very good palatability and digestibility.
- Strong allelopathic and nematocidal effect
- Economic : : from 20 Kg / Ha

### OFFICIAL TRIAL RESULTS

Variety and registration year	Earliness			Plant height at maturity (cm)	Resistances (note of 0=susceptible to 9=resistant)			Capacity to catch nitrogen			
	Group	Vigor in autumn (1)	Ear emergence Date		to frost (damages on leaves)	to lodging	to stem rust	Biomass production (2)		Quantity of N caught	
								tons of DM per hectare	in % of control Panache	kilo s / ha	in % of control
Altesse (15)	1/2 latef	3,5	19 October	73	3,0	9,0	8,7	2,4	109,1%	53	101,9%
Iapar 61 (15)	1/2 latef	3,9	17 October	78	3,0	9,0	8,7	2,3	104,5%	52	100,0%
Luxurial (12)	<b>1/2 early</b>	<b>4,5</b>	<b>3 October</b>	<b>90</b>	<b>2,8</b>	<b>9,0</b>	<b>8,3</b>	<b>2,5</b>	<b>113,6%</b>	<b>55</b>	<b>105,8%</b>
Panache (12)	1/2 early	3,8	4 October	80	3,0	9,0	8,2	2,2	100,0%	52	100,0%

Source: GEVES trials 2013-2015

(1) Earliness : vigor in autumn note from 0 = very low vigor to 9 = excellent vigor and growth after sowing in autumn.

(2) Biomass production: average yield per year, harvest in autumn

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