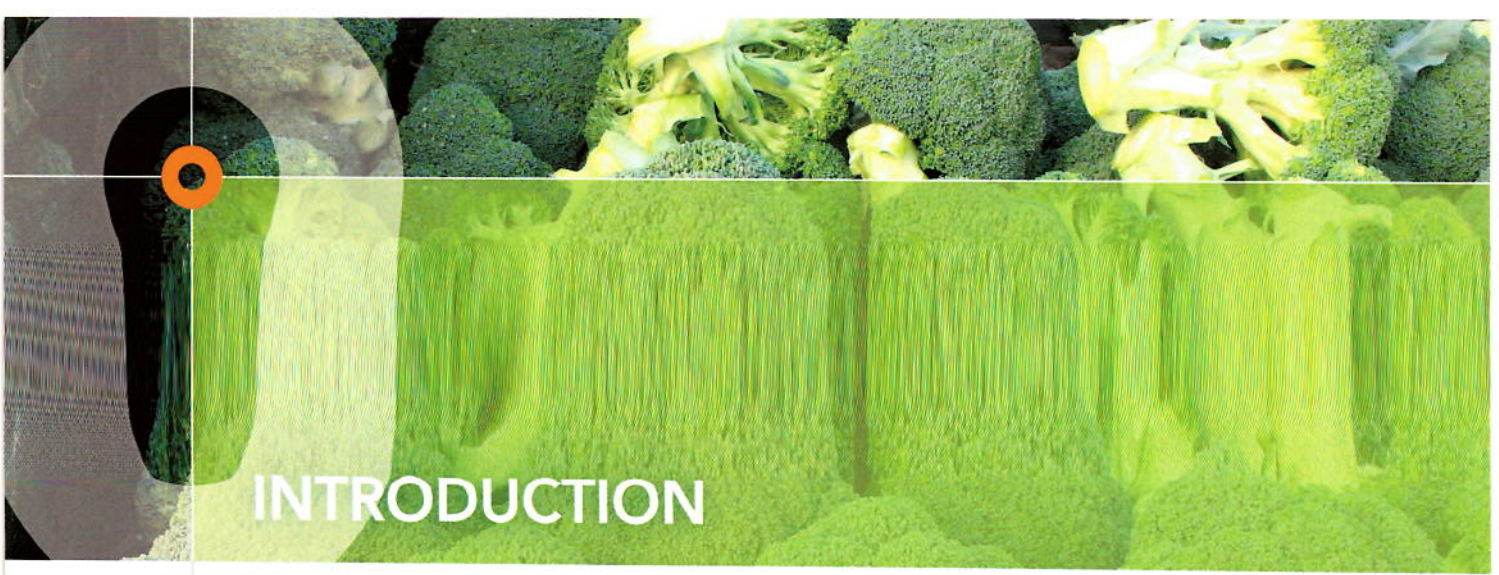




Spotlight on *Broccoli*



INTRODUCTION

Broccoli has moved over the last 10 to 20 years from its status as a trendy vegetable eaten by “Yuppies” and “Hipsters” to being a regular feature in many families’ plates. While of course its reputation (completely justified one might add) for having many healthy attributes has helped in its rise in popularity, perhaps the key point is that, if it is cooked correctly, Broccoli is a vegetable which is appreciated by both children and parents alike.

Broccoli breeding at HM.CLAUSE was for many years part of the “job description” of the Cauliflower breeder. In 2008 Broccoli got its own dedicated breeder, a man by the name of Pierre Hurier, and 10 years later he is still in charge of the program. Pierre is backed up by a team which also works exclusively on Broccoli. The team works out of HM.CLAUSE’s Western France Breeding station based at La Bohalle with an annual budget of around 1 million Euros. For us Broccoli has become a “key species” and we aim to become one of the “key breeders” and we are currently moving in the right direction. La Bohalle is also the home of the central biotechnology laboratory for HM.CLAUSE which works hand in hand with the different breeding teams around the world helping them create new lines more rapidly and introducing new breeding techniques. It is a major advantage for the Broccoli team to be based on the same site.

We have a worldwide trial network which allows us to test and evaluate our new lines and hybrids in all the key

Broccoli growing areas, taking into account the different requirements for processors and fresh market growers. Spain for over winter production, the USA for main season and over winter production, Mexico for the transitional periods between seasons, combined with the all important quality of being able to continue production during rainy periods. Australia for the summer, and the UK for the autumn. When promising new hybrids are selected they are passed on to our product development teams based in a wider range of countries and regions so that we can check their performance under varying climatic and agronomic conditions.

Breeding new varieties is one thing, but having readily available quality seeds is equally important. We produce Broccoli seeds in our production stations in Spain and Chile (so both Northern and Southern hemispheres) backed up by an experienced grower network. The experience and knowledge we have gained from producing cauliflower seeds in these two regions for many years has been a huge help in getting the Broccoli seed production up and running.

At HM.CLAUSE our range of Broccoli varieties is widening and maturing, backed up by our colleagues in the seed production department and helped by all the growers who have done trials for us. This has taken time as all true breeding programs do, but we would like to think that we have reached a stage that when growers think of Broccoli HM CLAUSE are seen as one of the serious players with a range you can count upon.





SLOT: EARLY <70 DAYS

CLX 3570 F1

COMMERCIAL

- + Well adapted for summer and hot conditions
- + Strengths:
 - Earliness
 - Flexibility under hot conditions (good versus anthocyanin, hollow stem and bracts)
 - Uniformity and harvest concentration
 - Dome shape, dense and firm head
 - Open plant = visible heads for harvest



Nota Bene: Please ensure you have read the General Information given on page 11 of this brochure.



SLOT: LATE >80 DAYS

PRINCIPE F1

COMMERCIAL

- + Well adapted for overwinter production
- + Strengths:
 - Adapted for both processing and fresh market
 - High yield
 - Fine beads
 - Vigorous plant





SLOT: LATE >80 DAYS

COMMERCIAL

TRAJANO F1*

- + Well adapted for overwinter production
- + Strengths:
 - Adapted for both processing and fresh market
 - High yield
 - Harvest concentration
 - Good shelf-life
 - Nice dome shape and firmness (top and edges)
 - Head color (blue-green)



*This variety is in process of being registered

Nota Bene: Please ensure you have read the General Information given on page 11 of this brochure.

 **CLAUSE**
VEGETABLE SEEDS

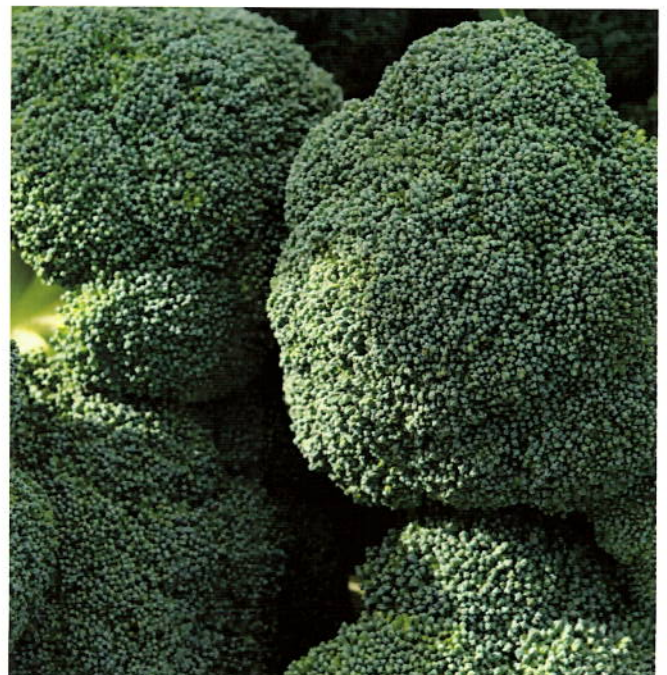


SLOT: MID 70-80 DAYS

STIRLING F1

- + Well adapted for overwinter production and temperate summer
- + Strengths:
 - Density and firmness of the head
 - Heavy head
 - Head color (blue-green)
 - Plant vigor
 - Good against pinrot

PRE-COMMERCIAL



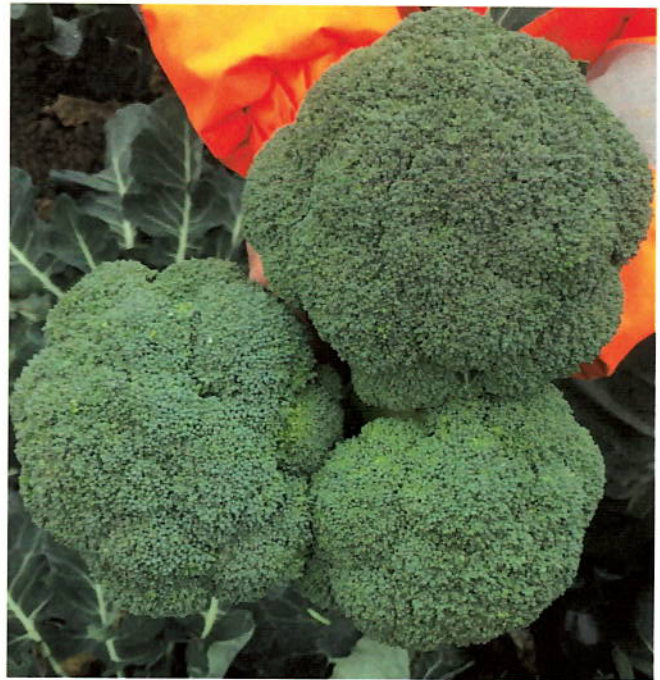


SLOT: MID 70-80 DAYS

PRE-COMMERCIAL

CLX 3572 F1

- + Well adapted for autumn
- + Strengths:
 - Good level against diseases (mildew and headrot)
 - Shelf-life
 - Clean stem
 - Dome shape and firmness



Nota Bene: Please ensure you have read the General Information given on page 11 of this brochure.



SLOT: EARLY <70 DAYS

CLX 3571 F1

- + Well adapted for summer and hot conditions
- + Strengths:
 - Heat tolerance
 - Uniformity and harvest concentration
 - Vigorous and erect plant
 - Dome shape, dense and firm head

EXPERIMENTAL





SLOT: MID 70-80 DAYS

EXPERIMENTAL

CLX 3532 F1

- + Well adapted for overwinter production and temperate summer
- + Strengths:
 - Adapted for both fresh market and processing
 - High yield potential
 - Dome shape
 - Harvest concentration
 - Vigorous plant



Nota Bene: Please ensure you have read the General Information given on page 11 of this brochure.



SLOT: MID 70-80 DAYS

CLX 3575 F1

EXPERIMENTAL

+ Well adapted for autumn

+ Strengths:

- Excellent level against diseases during late autumn (mildew and headrot)
- Shelf-life
- Clean stem
- Vigorous plant



GENERAL INFORMATION

SLOT		
COMMERCIAL	EARLY <70 DAYS	CLX 3570 F1
	LATE >80 DAYS	PRINCIPE F1 TRAJANO F1
PRE-COMMERCIAL	MID 70-80 DAYS	STIRLING F1 CLX 3572 F1
EXPERIMENTAL	EARLY <70 DAYS	CLX 3571 F1
	MID 70-80 DAYS	CLX 3532 F1 CLX 3575 F1

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