

nobel620

**NOBEL 620**  
**ALFALFA**

 **gentos**  
GENTE DE PASTOS

1

## Characteristics

### VARIETY

Selected under real grazing conditions.

### GERMPLASM

American origin, re-selected under Argentina's environmental conditions.

### DEGREE OF DORMANCY

6 (winter rest).

### ROOT/CROW

Taprooted, subsurface.

### DIFFERENTIAL FEATURE

Genotype with the maximum persistence and best health on the market.

### STRUCTURE

Compact, shrubby plant. Excellent stem/leaf ratio.

### PRODUCTION

Good total production of dry matter.

### GROWTH CURVE

Spring-summer-autumn production, with marked winter dormancy.

### CYCLE TO FLOWERING

Long cycle with a larger window for use and easy grazing management.

# NOBEL 620 Alfalfa

Agronomic traits.

# NOBEL 620 Alfalfa

Agronomic traits.

2

Leaf health



**Photo:** Autumn 2016 (Rojas, Buenos Aires).

Health (pests/diseases)	Value
Bacterial wilt disease	AR
Fusarium wilt disease	AR
Phytophthora	AR
Anthraxnose	R
Verticillium wilt	AR
Aphids	AR
Stem nematode	R
Root nematode	AR

# 1

## Characteristics

### ZONE OF ADAPTATION

Productive areas of our country.

### PRODUCTION SEGMENT

Approaches prioritizing quality over the total volume of dry matter.

### USE

Dairy or livestock farming seeking to maximize animal intake.

### TECHNICAL APPROACH

- **Associated with grasses (ideal):**
  - Mediterranean fescues (MED-100/Flecha).
  - Mate Phalaris/Halcón brome grass
- **Pure alfalfa:**  
Very high spring-summer supply of grass and/or preparation of reserves.

### FERTILIZATION

High phosphorus and sulfur demand. Neutral pH to reach production potentials. Autumn re-fertilizations.

### SEEDING RATE

Row seeding at 17.5 cm. Target: 200-240 plants/m<sup>2</sup>, depending on the environment. 14-16 kg/ha.

### ESTIMATED PERSISTENCE

4-5 years depending on the agronomic management.

# NOBEL 620 Alfalfa

Positioning/uses.

## 2 Seasonal growth curve

Associated with base alfalfa +  
Mediterranean fescue



# NOBEL 620 Alfalfa

Positioning/uses.

High intake in grazing.



Photo: Summer 2018 - 9 de Julio (Buenos Aires).