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GENERAL CONCEPTS

INTELLECTUAL PROPERTY

Semillas Batlle as a breeder protects its varieties **PBR's** ("Plant breeders' rights") that may be marketed or produced through a formal agreement with other entities.

This allows the use of their own differentiated, exclusive genetics adapted to the edaphoclimatic conditions found throughout the Iberian Peninsula.



Plants whose seeds in which the coat is hard and impervious to moisture and which therefore germinate slowly unless mechanically or chemically treated. The varieties of high hardness are agronomic alternatives for permanent rainfed pastures, plant covers and other long-term crops, which have a high persistence over the years, without the possibility of irrigation.

NUMBER OF PLANTS PER SURFACE

Thousand kernel weight (TKW) may vary for each species and can be different even between varieties. It is fundamental to ensure the number of sufficient plants per hectare, and at the same time maintain the balance between the species to allow the intended biodiversity.

ADVANTAGES OF BIODIVERSE FORAGE MIXTURES

ADAPTABILITY

Biodiversity oriented to the soil type, climate, and agronomic purpose, has a greater probability of success than a monoculture. At the same time, biodiverse mixtures are more likely to ensure satisfactory production in adverse climatic years.

SUPERIOR NUTRITIONAL QUALITY

Biodiverse mixtures present a higher quality in protein, digestibility, energy, and nutritional balance.

LEGUMES CONTRIBUION

Legumes guarantees the fixation of atmospheric nitrogen, an additional supply of protein and a forage nutritional balance. Inoculation with specific rhizobium, allows to enhance this contribution, due to the symbiosis between the plant and the bacteria.

AHORRO EN ABONO NITROGENADO

Less nitrogen fertilizer (N) is required for annual crops but in the case of rainfed pastures, pastures, irrigated land and long-term cover crops, no nitrogen fertilizer is needed. A long-term permanent crop, when in full production, can provide per hectare more than 100 units of nitrogen in dry land and more than 250 units of nitrogen in irrigated areas, always if legumes are present in sufficient quantity.

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LEGUME INOCULATION IN PREMIUM MIXTURES

LEGUME INOCULATION

Semillas Batlle inoculates its legume seeds with specific strains of rhizobium, for each species. The symbiosis that is generated immediately after the germination of the plant guarantees high rates of fixation of atmospheric nitrogen. At sowing, it is recommended that the soil has a temperature above 10°C, for an effective beginning of the symbiosis.

BENEFITS OF LEGUMES INOCULATION

Improved soil fertility and structure, increased water retention capacity and high carbon sequestration, due to increased forage production.

GENERAL AGRONOMIC RECOMMENDATIONS FOR FORAGE MIXTURES

SOWING DATE

Generally during autumn, as early as possible, from September to mid-November, warm soil (recommended minimum of 10°C). Exceptions are irrigated crops that can also be sown in spring, between February and the end of April.

SOIL PREPARATION

Very superficial (maximum 15-20 cm). The soil must be well discarded and regular, to prevent the seed from being too buried.

FERTILIZATION

It depends on the type of mixture but also the soil conditions. A soil analysis is very important to make a correct fertilization plan. The main elements are nitrogen (N), phosphorus (P_2O_5) and potassium (K_2O). Exception for permanent mixtures rich in legumes, which, if sowed appropriately, do not require nitrogen (N).

SOWING RATE

Respect the recommended quantity for each type of mixture, we should avoid grasses shading legumes, which generally present a slower implantation. A correct sowing rate helps to avoid competition between different species.

SOWING METHOD

Broadcast or in lines, so that the seed is well distributed. Direct seeding, whenever possible, is a viable alternative.

SOWING DEPTH

Maximum 1.0 to 1.5 cm, seed properly covered by soil.

SOIL SCROLLING

Very important operation to cover the seed and a uniform depth. Toothed roller, with independent discs, is the recommended machine for the operation.



Batlle's annual grazing/cutting
Batlle's annual single cut
Batlle's annual strigosa
Batlle's annual forridena
Batlle's annual triticale
Batlle's annual barley
Batlle annual protein

USES AND FEATURES

Semillas Batlle has a wide range of species and varieties that have made it possible to develop well-adapted annual forage mixtures in different climate and soil conditions and adapted to the different agricultural forms of use and livestock farms.

Very productive annual mixtures, of high nutritional quality and adaptation to the needs of agricultural producers, are a guarantee of excellent forage production.

Batlle's annual grazing / cutting

DESCRIPTION

 Range of mixtures based on annual grasses and legumes focused to get high performances and a fast implantation. The high regrowth capacity allows choosing between a final cut or grazing it till the end.



MANAGEMENT

Sowing date: autumn, from september to november.

Establishment: N: 25 to 50 units; P₂O₅: 50 to 90 units; K₂O: 50 to 90 units.

Top dressing: N: 40 to 60 units after each cut or grazing (between november and january).

First grazing: when the soil allows it, ryegrass should have 8 to 10 leaves.

Final cut: cattle must be removed to produce sufficient forage. The ideal date when 30 to 40% of the legumes are in bloom.

EXPECTED YIELD

EXPECTED YIELDS	CRUDE PROTEIN	UFL	DIGESTIBILITY
6.000-12.000 kg the DM/ha	16-22%	0,80-0,95 kg/DM	60-80 % of the DM

AVAILABLE MIXTURES

ACID SOILS: sowing rate: 30-35 kg/ha **SANDY SOILS:** sowing rate: 35-40 kg/ha

NEUTRAL/ALKALINE SOILS: sowing rate: 35-40 kg/ha **NORTHERN PENINSULA:** sowing rate: 30-35 kg/ha

Batlle's annual single cut

DESCRIPTION

 Range of mixtures based on annual grasses and legumes focused to get high performances and a fast implantation to get a high forage yield in final cut.



Batlle's annual strigosa

DESCRIPTION

 Range of mixtures based on black oat (strigose), annual grasses and legumes focused to get high performances and a fast implantation to get a high forage yield in a final cut.



MANAGEMENT

Sowing date: autumn, from september to november.

Establishment: N: 25 to 50 units; P_2O_5 : 50 to 90 units; K_2O : 50 to 90 units.

Top dressing: N: 40 to 60 units after each cut or grazing (between november and january).

Possible first grazing: when the soil allows it, only for a weed control purpose; ryegrass

should have 8 to 10 leaves.

Final cut: the ideal date when 30 to 40% of the legumes are in bloom.

EXPECTED YIELD

EXPECTED YIELDS	CRUDE PROTEIN	UFL	DIGESTIBILITY
6.000-13.000 kg the DM/ha	11-20%	0,60-0,75 kg/DM	55-70 % of the DM

MANAGEMENT

Sowing date: autumn, from september to november.

Establishment: N: 25 to 50 units; P₂O₅: 50 to 90 units; K₂O: 50 to 90 units.

Top dressing: N: 40 to 60 units after each cut or grazing (between november and january).

Possible first grazing: when the soil allows it, only for a weed control purpose; ryegrass

should have 8 to 10 leaves.

Final cut: the ideal date when 30 to 40% of the legumes are in bloom.

EXPECTED YIELD

EXPECTED YIELDS	CRUDE PROTEIN	UFL	DIGESTIBILITY
7.000-14.000 kg the DM/ha	11-16%	0,60-0,75 kg/DM	55-70 % of the DM

AVAILABLE MIXTURES

ACID SOILS: sowing rate: 35-40 kg/ha SANDY SOILS: sowing rate: 35-40 kg/ha

NEUTRAL/ALKALINE SOILS: sowing rate: 35-40 kg/ha **NORTHERN PENINSULA:** sowing rate: 35-40 kg/ha

AVAILABLE MIXTURES

ACID SOILS: sowing rate: 40-45 kg/ha **SANDY SOILS:** sowing rate: 40-45 kg/ha

NEUTRAL/ALKALINE SOILS: sowing rate: 40-45 kg/ha **NORTHERN PENINSULA:** sowing rate: 40-45 kg/ha

Batlle's annual forridena

DESCRIPTION

 Range of mixtures based on Forridena common oat, annual grasses and legumes focused to get high performances and a fast implantation to get a high forage yield in a final cut.



Batlle's annual triticale

DESCRIPTION

 Range of mixtures based on forage triticale, annual grasses and legumes focused to get high performances and a fast implantation to get a high forage yield in a final cut.



MANAGEMENT

Sowing date: autumn, from september to november.

Establishment: N: 25 to 50 units; P_2O_5 : 50 to 90 units; K_2O : 50 to 90 units.

Top dressing: N: 40 to 60 units after each cut or grazing (between november and january).

Possible first grazing: when the soil allows it, only for a weed control purpose; ryegrass

should have 8 to 10 leaves.

Final cut: the ideal date when 30 to 40% of the legumes are in bloom.

EXPECTED YIELD

EXPECTED YIELDS	CRUDE PROTEIN	UFL	DIGESTIBILITY
5.000-12.000 kg the DM/ha	11-16%	0,60-0,75 kg/DM	55-70 % of the DM

MANAGEMENT

Sowing date: autumn, from september to november.

Establishment: N: 25 to 50 units; P₂O₅: 50 to 90 units; K₂O: 50 to 90 units.

Top dressing: N: 40 to 60 units after each cut or grazing (between november and january).

Possible first grazing: when the soil allows it, only for a weed control purpose; ryegrass

should have 8 to 10 leaves.

Final cut: the ideal date when 30 to 40% of the legumes are in bloom.

EXPECTED YIELD

EXPECTED YIELDS	CRUDE PROTEIN	UFL	DIGESTIBILITY
6.000-12.000 kg the DM/ha	11-20%	0,60-0,75 kg/DM	55-70 % of the DM

AVAILABLE MIXTURES

ANNUAL FORRIDENA: sowing rate: 60-70 kg/ha

AVAILABLE MIXTURES

ACID SOILS: sowing rate: 65-70 kg/ha **SANDY SOILS:** sowing rate: 65-70 kg/ha

NEUTRAL/ALKALINE SOILS: sowing rate: 65-70 kg/ha **NORTHERN PENINSULA:** sowing rate: 65-70 kg/ha

Batlle's annual barley

DESCRIPTION

Range of mixtures based on forage barley,
 annual grasses and legumes focused to get high
 performances and a fast implantation to get a
 high forage yield in a final cut.



Batlle annual protein

DESCRIPTION

 Based on common vetch, hairy vetch, forage peas and different annual clovers, of quick establishment, for a high forage production to a final cut and/or cover crops for fertility recovering.



MANAGEMENT

Sowing date: autumn, from september to november.

Establishment: N: 25 to 50 units; P_2O_5 : 50 to 90 units; K_2O : 50 to 90 units.

Top dressing: N: 40 to 60 units after each cut or grazing (between november and january).

Possible first grazing: when the soil allows it, only for a weed control purpose; ryegrass

should have 8 to 10 leaves.

Final cut: the ideal date when 30 to 40% of the legumes are in bloom.

EXPECTED YIELD

EXPECTED YIELDS	CRUDE PROTEIN	UFL	DIGESTIBILITY
6.000-12.000 kg the DM/ha	11-18%	0,55-0,70 kg/DM	55-70 % of the DM

MANAGEMENT

Sowing date: autumn, from september to november.

Establishment: P_2O_5 : 50 to 90 units; K_2O : 50 to 90 units.

Final cut: the ideal date when 30 to 40% of the legumes are in bloom.

Green sideration: to soil incorporation.

EXPECTED YIELD

EXPECTED YIELDS	CRUDE PROTEIN	UFL	DIGESTIBILITY
5.000-10.000 kg the DM/ha	14-21%	0,65-0,75 kg/DM	60-75 % of the DM

AVAILABLE MIXTURES

ACID SOILS: sowing rate: 75-80 kg/ha SANDY SOILS: sowing rate: 75-80 kg/ha

AVAILABLE MIXTURES

BATLLE ANNUAL PROTEIN: sowing rate: 75-80 kg/ha

Batlle's multiannual Batlle's forestry

USES AND FEATURES

Semillas Batlle has developed mixtures for forage uses with a persistence of 2 to 5 years and forest mixtures with a persistence of 2 to 3 years. Thus, for the first case, forage solutions are sought for grazing or cutting in the most humid areas of the Iberian Peninsula; for the second case, marginal forest soils recovery crops for those which have been deforested and we seek to improve their fertility.

Batlle's multiannual

DESCRIPTION

 Range of mixtures based on annual and multiannual grasses and legumes, intended for areas with more than 800 mm of rainfall, or for irrigation. Specially elaborated for the North of the Iberian Peninsula, for a high forage production with multiple cuts and eventually grazing.



MANAGEMENT

Sowing date: at fall from september to november, and in spring from february to april. **Establishment:** N: 25 to 50 units; P_2O_5 : 50 to 90 units; K_2O : 50 to 90 units.

Top dressing: N: 40 to 60 units after each cut or grazing (between november and january or between may and july, depending on its performance).

First cut or grazing: when the soil allows it, ryegrass should have 8 to 10 leaves. This cut should help us for a weed control and mixture homogenization purpose.

Cuts and grazing: crop implantation occurs during the first year, and the cuts cadence may occur in intervals of 2 to 3 months with a huge sensibility of weather fluctuations.

EXPECTED YIELD

EXPECTED YIELDS	CRUDE PROTEIN	UFL	DIGESTIBILITY
9.000-15.000 kg the DM/ha	16-20%	0,80-0,95 kg/DM	60-80 % of the DM

AVAILABLE MIXTURES

2 YEARS: sowing rates of 30 to 35 kg/ha 3 YEARS: sowing rates of 30 to 35 kg/ha 4 YEARS: sowing rates of 30 to 35 kg/ha

Batlle's forestry

DESCRIPTION

 Range of formulas based on yellow lupin and annual legumes, fertility precursors. Those mixtures are designed for forest areas which are recovering from shrubs and weeds. Generally, after a cleaning, they allow a subsequent installation of a permanent culture.



MANAGEMENT

Sowing date: autumn, from september to november. **Establishment:** P_2O_5 : 30 to 50 units; K_2O : 30 to 50 units.

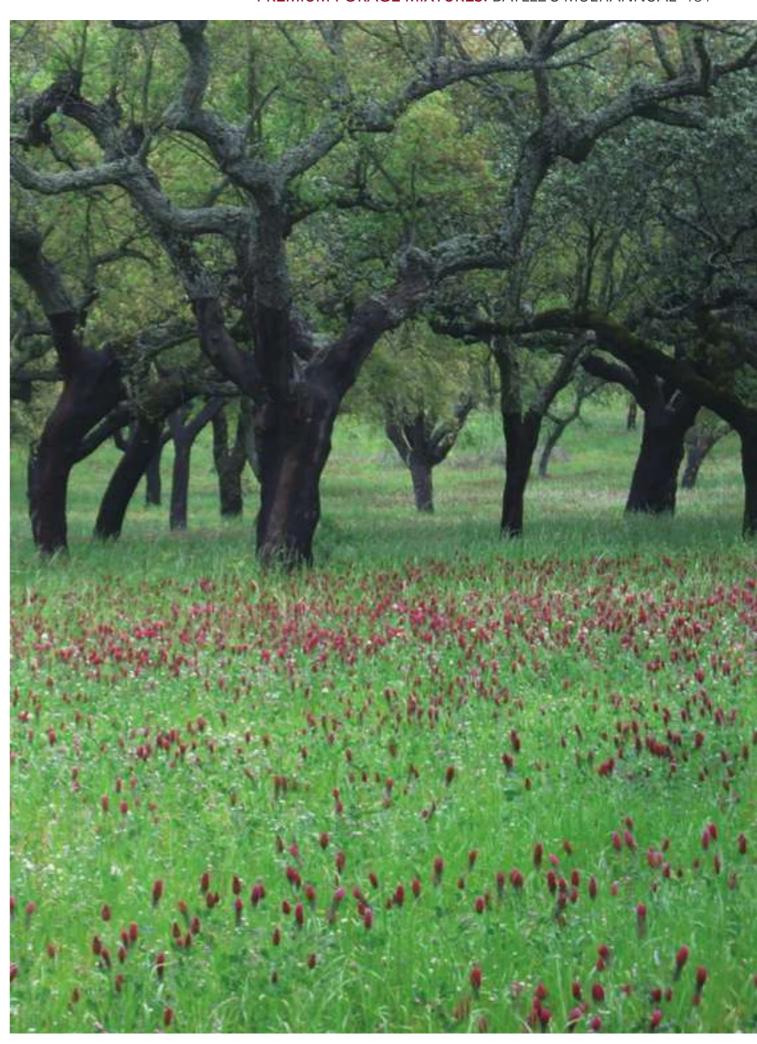
With **annual or biannual** duration, the intention is to increase the soil's organic matter. Possibility of grazing, but preferably it should be left to rest during the first spring for green manure. Some seed produced during that period may be left f or a second year.

EXPECTED YIELD

EXPECTED YIELDS	CRUDE PROTEIN
3.000-9.000 kg the DM/ha	11-15%

AVAILABLE MIXTURES

ACID TO NEUTRAL SOILS: sowing rates of 35 to 40 kg/ha **SANDY SOILS:** sowing rates of 35 to 40 kg/ha



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Range of forage mixtures with 100% of ryegrass

USES AND FEATURES

Based exclusively on ryegrass, at least with 2 diploid varieties and 2 other ones tetraploid for alternative use of ryegrass as extreme crop.

Batlle GOLD

DESCRIPTION

Range of mixtures based on different types
 of tetraploid and diploid ryegrasses, from high
 quality varieties, that assure high yields and
 quick establishment. Batlle's genetics of wester,
 italian and hybrid ryegrasses are the guarantee
 of adaptability to the different soil and climatic of
 the Iberian Peninsula.



MANAGEMENT

Sowing season: autumn, from september to november (exceptionally also in spring to the Batlle GOLD hybrid/perennial, from february to april).

Establishment: 35 a 70 units of N; 50 a 90 units of P₂O₅; 50 a 90 units of K₂O.

Top dressing: 50 to 80 units of N after each cut and/or grazing (betweennovember and january or between may andjuly, depending on the yields).

First cut /grazing: when the soil allows, with the ryegrass with 8 to 10 leaves. This cut also is used to bad weed control and mixture homogeneity.

Cuts and grazing: the crop implementation occurs during first year, and the cuts/grazing it may be made in 2 to 3 months interval, depending on the climatology evolution.

EXPECTED YIELD

EXPECTED YIELDS	CRUDE PROTEIN	UFL	DIGESTIBILITY
6.000 -12.000 kg the DM/ha	10-15%	0,60-0,80 kg/DM	50-70 % of the DM

AVAILABLE MIXTURES

GOLD WESTER (2 wester ryegrass 4n + 2 wester ryegrass 2n): sowing rate of 30-40 kg/ha GOLD WESTER ITALIAN (wester ryegrass 4n and 2n + italian ryegrass 4n and 2n): sowing rate of 30-40 kg/ha

GOLD ITALIAN HYBRID (italian ryegrass 4n and 2n + hybrid ryegrass 4n and 2n): sowing rate of 25-35 kg/ha

GOLD HYBRID PERENNIAL (hybrid ryegrass 4n and 2n + perennial ryegrass 4n and 2n): sowing rate of 25-35 kg/ha



Permanent rainfed pastures

Long-term pastures, **Semillas Batlle** offers a wide variability of mixtures, duly adapted to the different soil and weather conditions in the Iberian Peninsula.

RAINFED PASTURES it is the best solution to produce long-lasting quality grazing grass.

A rigorous choice of the most adapted, persistent, and productive varieties is the guarantee of grass of high quality, energy and digestibility, but also improving the soil structure by increasing its organic matter, reducing erosion and improving the water retention.

Batlle's rainfed pastures

MANAGEMENT OF RAINFED PASTURES

 To ensure a long persistence of the rainfed pasture, the management is divided into the first year, the second year and the following years.



FIRST YEAR MANAGEMENT

Sowing date: in autumn, from september to november. The soil must maintain a temperature above 10°C for the symbiosis between the legumes and the rhizobium incorporated in the seed to be effective.

Establishment: P_2O_5 : 50 to 90 units; K_2O : 50 to 90 units. Soil tests are a very important tool for a more efficient fertilization plan.

Grazing could begin in autumn: when conditions allows it, it should be short and with a large amount of livestock for weed removal.

Spring flowering: when first flowers are observed, pastures should be reserved with no animals to create all the seed necessary for the next few years. In this way, there will be an abundant seed bank that guarantees a long persistence.

Dry grass: by animal grazing, dry grass created during spring should completely disappear before the first rains of next autumn. In this way, the emergence of the new plants will not find obstacles for their development.

SECOND AND FOLLOWING YEARS MANAGEMENT

Rotational grazing: when the plants are large enough after the first autumn rains.

Dry grass removal: by animal grazing, dry grass created during spring should completely disappear before the first rains of next autumn. In this way, the emergence of the new plants will not find obstacles for their development.

Top dressing fertilization: can be done annually or every 2 years, usually with P_2O_5 20 to 40 units and K_2O 20 to 40 units annually. A long-term, permanent rainfed crop with an abundant presence of legumes can contribute at least with 100 units per hectare of nitrogen, increasing soil fertility and nutrients absorption by other species.

EXPECTED YIELD

Soil and climate conditions, as well as meadow age, greatly influence the yields and qualitative capacity of a permanent rainfed mix. The intervals presented are, for that reason, wide and diverse.

EXPECTED YIELDS	CRUDE PROTEIN	UFL	DIGESTIBILITY
3.000-12.000 kg the DM/ha	7-20%	0,50-0,95 kg/DM	50-70 % of the DM

AVAILABLE MIXTURES

ACID SOILS: sowing rate of 25-30 kg/ha

BATLLE RAINFED PASTURES ACID SOILS < 550 MM

BATLLE RAINFED PASTURES ACID SOILS 550 - 850 MM

BATLLE RAINFED PASTURES ACID SOILS MORE THAN 850 MM

NEUTRAL SOILS: sowing rate of 25-30 kg/ha

BATLLE RAINFED PASTURES NEUTRAL SOILS < 600 MM

BATLLE RAINFED PASTURES NEUTRAL SOILS MORE THAN 600 MM

ALKALINE SOILS: sowing rate of 25-30 kg/ha

BATLLE RAINFED PASTURES ALKALINE SOILS < 600 MM

BATLLE RAINFED PASTURES ALKALINE SOILS MORE THAN 600 MM

PARTICULAR SOILS: sowing rate of 25-30 kg/ha

BATLLE RAINFED PASTURES SANDY SOILS

BATLLE RAINFED PASTURES WATERLOGGED SOILS

LEGUMES: sowing rate of 20-22 kg/ha

BATLLE RAINFED PASTURES ACID LEGUMES

BATLLE RAINFED PASTURES SANDY LEGUMES

BATLLE RAINFED PASTURES LEGUMES

NEUTRAL / ALKALINE

SPECIFIC AREAS

BATLLE RAINFED PASTURES CASTILLA-LEÓN: sowing rate of 30-35 kg/ha BATLLE RAINFED PASTURES DEHESA DE SEVILLA: sowing rate of 18-22 kg/ha





Permanent rainfed pastures

Long-term pastures, **Semillas Batlle** offers a wide variability of mixtures, duly adapted to the different soil and weather conditions in the Iberian Peninsula.

MASPRADO REGADÍO it is the best solution to produce long-lasting quality grass which will be managed for grazing or combined with some cuts in certain moments in spring and / or summer.

A rigorous choice of the most adapted, persistent and productive varieties is the guarantee of grass of high quality, energy and digestibility, but also improving the soil structure by increasing its organic matter, reducing erosion and improving the water retention.

Batlle's irrigated pastures

 To ensure a long persistence of the irrigated pasture, the following operations must be ensured:



Sowing time: at fall from september to november, and at spring from February to may, depending on the geographical areas. The soil must maintain a temperature above 10°C so that the symbiosis between the legumes and the rhizobium incorporated in the seed is effective.

Establishment: P_2O_5 70 to 120 units and eventually K_2O 70 to 120 units. Soil tests are a very important tool for a more efficient fertilization plan.

Beginning of grazing at fall: When soil conditions are appropriate, grazing should be short and with a lar ge amount of for weeds removal.

Intermittent or rotational grazing: when plants are large enough after the first autumn rains.

Top dressing fertilization: can be done annually or every 2 years, usually with P_2O_5 30 to 60 units and K_2O 30 to 60 units annually. A long-term, permanent irrigated crop with an abundant presence of legumes can contribute at least with 200 units of nitrogen per hectare, increasing soil fertility and nutrients absorption by other species.

EXPECTED YIELD

EXPECTED YIELDS	CRUDE PROTEIN	UFL	DIGESTIBILITY
12.000-20.000 kg the DM/ha	15-25%	0,70-0,95 kg/DM	55-75 % of the DM

AVAILABLE MIXTURES. Sowing rate of 25-30 kg/ha

BATLLE IRRIGATED PASTURES ACID SOILS
BATLLE IRRIGATED PASTURES NEUTRAL/ALKALINE SOILS
BATLLE IRRIGATED PASTURES MOUNTAIN AREAS
BATLLE IRRIGATED PASTURES HORSES



Semillas Batlle has developed a wide range of mixtures considering the benefits it can bring to a main crop.

A rigorous choice of the most adapted and persistent varieties is a guarantee that the cover crop will improve the soil structure, increase its fertility and the organic matter, reduce the erosion and improve the water retention.

Machinery access to the main crop will be improved too.

Batlle's cover crops

COVER CROPS MANAGEMENT

 To ensure a long persistence of the cover crop, management is divided into the first year, the second year and the following years:



FIRST YEAR MANAGEMENT

Sowing time: in autumn, from September to November. The soil must maintain a temperature above 10°C so that the symbiosis between the legumes and the rhizobium incorporated in the seed is effective.

Spring blossom: only in the first year, cover crop should be reserved to create a seed bank, which will guarantee a long persistence.

Dry grass removal: by mechanical action, dry grass created during the spring should completely disappear, before the first rains of next autumn. In this way, the emergence of the new plants will not find obstacles for their development.

SECOND AND FOLLOWING YEARS MANAGEMENT

Dry grass removal: by mechanical action, dry grass created during the spring should completely disappear, before the first rains of next autumn. In this way, the emergence of the new plants will not find obstacles for their development.

AVAILABLE MIXTURES. Sowing rate of 20-25 kg/ha

BATLLE VINEYARD COVER CROPS
BATLLE OLIVE GROVE COVER CROPS
BATLLE FRUIT ORCHARD COVER CROPS
BATLLE FORESTRY COVER CROPS



Current issues related to conserving the environment, climate change, landscape design and new agronomic technologies, bring new challenges for agriculture. Some of the forage species that **Semillas Batlle** develops and trades have a new role in controlling pests and weeds, improving the soil's water retention, increasing the fauna and biodiversity, with special relevance for beneficial insects that are essential for pollination and pest control of our crops.

Batlle's bioagriculture

 Semillas Batlle has developed a wide range of forage and pasture mixtures with the ability to provide benefits in other areas of agriculture.



Mixtures for rotations: allows rotations with main crops which may benefit from them. **Mixtures for pollinators:** their main purpose is to increase the population of beneficial pollinating insects in the ecosystem.

Mixtures for pest and disease control: helps to reduce / eliminate harmful pests and diseases, favoring biological control.

Mixtures for landscaping: aimed to improve the landscape environment, both rural and urban.

Mixtures for hydroseeding: seed mixtures adapted to this technique, to achieve easier and faster sowing. They ensure greater germination and therefore more possibilities of revegetation.

AVAILABLE MIXTURES

BATLLE BIOROTATIONS: ask our technicians
BATLLE POLLINATORS: ask our technicians
BBATLLE PEST CONTROL: ask our technicians
BATLLE LANDSCAPE: ask our technicians
BATLLE HYDROSEEDING: ask our technicians