



Professional seeds and solutions for turfgrass



English



MAKING BETTER SEEDS



“Making Better Seeds”

Is our daily mission to bring us into the future, to improve ourselves and the world.



**Padana
Sementi is...**

**quality and
professional
since 1970**

Quality control

Padana Sementi is the only Italian seed company in the turfgrass sector to implement an efficient QUALITY CONTROL. This occurs by monitoring the entire production chain through two instruments:

- the ISO 9001 certified quality control management system;
- an internal laboratory accredited at CREA-SCS, with highly qualified personnel to control every incoming seed lot, specifically checking germinability and real purity with specific controls on *Poa annua* and *Lolium*

Research and experimentation

PADANA SEMENTI products were conceived by constantly innovative-oriented work.

Partnerships with external research laboratories were strategic for this purpose that allowed reliable and stringent results to be achieved, essential in selecting the best varieties and offering continuously innovative solutions.

Even the most recent American varieties, in fact, must be tested in our environmental conditions to check not only their adaptability but also their suitability for increasingly more sustainable turf management.

Since 2009, tests and experimental projects have been in progress at the University of Padua that have led to top level scientific results.

Thanks to what we learned in the experiment, we are able to select, the best varieties to formulate innovative mixtures that are taking real steps ahead in the ornamental and sports turfgrass sector.

Technology

PADANA SEMENTI has a latest generation mixing and bagging system that guarantees high mixture homogeneity from the first to the last bag and fast and total cleanliness of all elements from one mix to the next (total lack of seed contamination between mixtures with different compositions).

Seed coating technology:

The reduction of chemical and agronomic inputs has become a priority and a need for ornamental turfgrasses. Padana Sementi, sensitive to topics of sustainability and reducing environmental impact, was the first sector company to propose, in 2015, mixtures combined with mycorrhizal fungi and concentrated bioactivators, for stronger and stress-resistant plants.

- RADICI PIÙ FORTI
- AQUACOAT RTO

RADICI PIÙ FORTI: WHAT ARE BIO-ACTIVATORS?



Concentrated bio-activators, directly mixed with seeds, reactivate soil fertility and optimise biological and chemical synthesis organic residue degradation. They also stimulate root growth and efficiency and improve the microbiological soil balance to benefit the lawn. - They efficiently establish symbiotic activity between helpful microorganisms and plants, that promote root growth and functions and increase plant resistance to environmental stress. - They are a combination of:

- mycorrhiza and microbial flora (Glomus spp., Gigaspora, Rhizopogon, Trichoderma spp., Bacillus spp.);
- precious natural enzymatic components (cellulase, hemicellulase, alpha-amylase, beta-amylase, pentosans, glucoamylase, protease, phosphorylase, pullulanase, pectynase, betaglucanase, lipase, etc.);
- active principles of plant origin with high biological activity

What are the advantages:

- Are essential instruments for sustainable turf management according to the National Action Plan.
- Promote growth and root functionality.
- Regenerate soil near the rhizosphere.
- Improve microbiological soil balance.
- Increase plant resistance to stress and water unbalances.



NOT
COATED



COATED

MIXTURES ALREADY COMBINED WITH RADICI PIÙ FORTI:

- SPORTPLAY
- EXTREME BLUE
- RIGENERVIT PROF NEW
- BLUE LEX REVOLUTION
- SELF REPAIR
- NATURAL GARDEN
- NATURAL GARDEN SUD

All the other TOP CLASS line mixtures can also be coated upon request.

AQUACOAT RTO:

The AquaCoat RTO technology allows improved performances in the water usage; moreover, the red (50%) coat helps the sowing and overseeding operations.

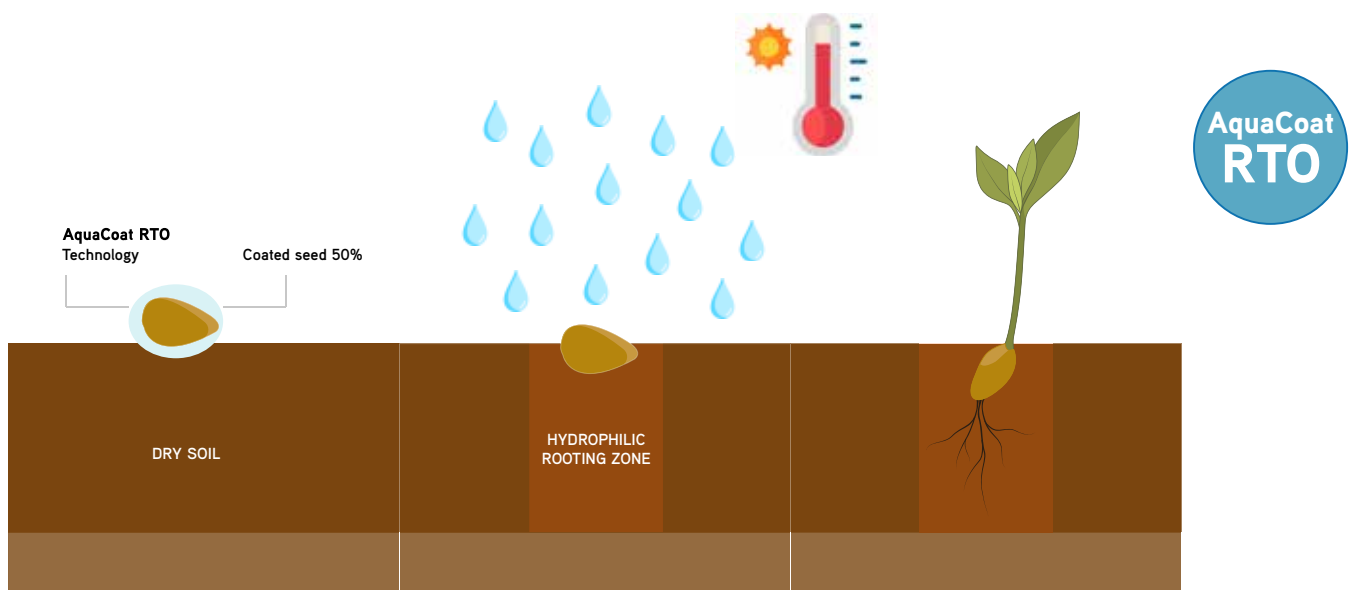
The AquaCoat RTO increases and improves the availability of water and nutrients in rooting areas; this allows to have stronger plants, more competitive against environmental stress and infesting weeds since the early stages of germination.

The AquaCoat RTO is an innovative seed coating technology that, thanks to its physico-chemical characteristics, allows:

- Increased water availability for seeds and seedlings
- Improved germination performances even in adverse conditions of temperature, water and salinity.
- Sprouts stronger against infesting weeds and diseases.
- Creation of turf grass of the highest aesthetic quality in a short period of time. Even in adverse environmental conditions; tests show an establishment rate 7.5 times faster than the norm.

MIXTURES ALREADY COMBINED WITH AQUACOAT RTO:

- CYNODON DACTYLON PAUL 1





TOP CLASS BLENDS

The Top Class blends are designed to meet the requests from the most experienced professional operators.

Made up of latest generation variety of American genetics, very high quality and very dark colored.

With the creation of EXTREME BLUE in 1 Kg boxes, we guarantee the very high quality of our professional products, even to users more demanding hobbyists!

- EXTREME BLUE
- EMME
- ESSE
- RIGENERVIT PROF NEW
- SPORTFIELD REGENERATION
- WITER SPORTFIELD REGENERATION



TOP CLASS

PRODUCT	COMPOSITION	PACKAGING AVAILABLE
<p>EXTREME BLUE</p> 	<p>70% Tall fescue 20% Perennial ryegrass 10% Poa pratensis</p>	<p>1 KG BOX (in boxes of 10 pieces) 10 KG BAG</p>
<p>EMME</p>	<p>20% Festuca rubra rubra 60% Tall fescue 10% Perennial ryegrass 10% Poa pratensis</p>	<p>10 KG BAG</p>
<p>ESSE</p>	<p>10% Festuca rubra commutata 10% Festuca rubra tricophylla 25% Poa pratensis 55% Perennial ryegrass</p>	<p>10 KG BAG</p>
<p>RIGENERVIT PROF NEW</p> 	<p>90% Perennial ryegrass 10% Poa pratensis</p>	<p>10 KG BAG</p>
<p>SPORTFIELD REGENERATION</p>	<p>100% Perennial regrass blend</p>	<p>10 KG BAG</p>
<p>WINTER SPORTFIELD REGENERATION</p>	<p>100% Perennial regrass blend</p>	<p>10 KG BAG</p>



TOP CLASS 4 SOD BLENDS



The Top Class 4 Sod blends are made up of varieties of the latest generation of American genetics, from very dark color and guaranteed purity 0/0, for limit the costs due to the management of weeds. Top Class 4 Sod was created to meet the needs of turf turf producers, through the insertion of varieties that are easy to maintain and resistant to diseases, aggressive against pests and capable of produce dense clods from the first months of cultivation.

With the creation of SPORTPLAY in 1 Kg boxes, we guarantee the very high quality of our professional products, even to users more demanding hobbyists!

- SPORTPLAY
- FORTE NEW PLUS
- AZ BLUE PLUS
- BLUE LEX REVOLUTION
- SPECIAL SOD
- BLUEGRASS MIX



TOP CLASS 4 SOD

PRODUCT	COMPOSITION	PACKAGING AVAILABLE
SPORTPLAY 	90% Tall fescue 10% Poa pratensis	1 KG BOX (in boxes of 10 pieces) 10 KG BAG
FORTE NEW PLUS	70% Perennial ryegrass 30% Poa pratensis	10 KG BAG
AZ BLUE PLUS	60% Perennial ryegrass 40% Poa pratensis	10 KG BAG
BLUE LEX REVOLUTION 	90% Tall fescue 10% Poa pratensis	10 KG BAG
SPECIAL SOD	100% Perennial ryegrass blend	10 KG BAG
BLUEGRASS MIX	100% Poa pratensis blend	10 KG BAG



NATURAL GARDEN BLENDS

NATURAL GARDEN blends are composed from high quality American varieties, they are born from Padana Sementi's sensitivity to sustainability issues e reduction of the environmental impact.



These blends have in fact been formulated with the primary objective of minimizing maintenance and fertilization of the lawn, for a more natural management and sustainable turf.

In fact, all NATURAL GARDEN blends are tanned with STRONGER ROOTS, thus providing the lawn a number of advantages:

- Radical development and functionality;
- Regeneration of the land in the vicinity of the rhizosphere;
- Improved microbiological balance of the soil;
- Increased resistance of plants to stress and to water imbalances.

- NATURAL GARDEN
- NATURAL GARDEN SUD



NATURAL GARDEN		
PRODUCT	COMPOSITION	PACKAGING AVAILABLE
<p>NATURAL GARDEN</p> 	<p>40% Festuca ovina 40% Perennial ryegrass 15% Poa pratensis 5% Festuca rubra tricophylla</p>	<p>1 KG BOX (in boxes of 20 pieces) 5 KG BAG</p>
<p>NATURAL GARDEN SUD</p> 	<p>70% Tall fescue 20% Perennial ryegrass 10% Poa pratensis</p>	<p>1 KG BOX (in boxes of 20 pieces) 5 KG BAG</p>



TOP GREEN BLENDS


The Top Green blends are designed to meet the various environmental situations and use needs, meeting every expense possibility.

In fact, Top Green is suitable for expert operators professional as well as hobby users; thanks to the different packages available, it is possible use these seeds both in large surfaces and in small areas.

- UNIRUSTIC PLUS
- SPORTING
- SELF REPAIR
- BRILLANTE
- RIGENERVIT
- PRESTIGE
- MICROMACRO



TOP GREEN

PRODUCT	COMPOSITION	PACKAGING AVAILABLE
UNIRUSTIC PLUS	70% Tall fescue 25% Perennial ryegrass 5% Poa pratensis	0,5 KG BOX (in boxes of 20 pieces) 1 KG BOX (in boxes of 10 pieces) 5 KG BAG 10 KG BAG 25 KG BAG
SPORTING	90% Tall fescue 10% Poa pratensis	1 KG BOX (in boxes of 10 pieces) 5 KG BAG 25 KG BAG
SELF REPAIR 	100% Perennial ryegrass blend	1 KG BOX (in boxes of 10 pieces) 10 KG BAG 25 KG BAG
BRILLANTE	60% Perennial ryegrass 30% Festuca rubra rubra 10% Poa pratensis	0,5 KG BOX (in boxes of 20 pieces) 1 KG BOX (in boxes of 10 pieces) 5 KG BAG 10 KG BAG 25 KG BAG
RIGENERVIT	90% Perennial ryegrass 10% Poa pratensis	0,5 KG BOX (in boxes of 20 pieces) 1 KG BOX (in boxes of 10 pieces) 5 KG BAG 10 KG BAG 25 KG BAG
PRESTIGE	60% Tall fescue 25% Festuca rubra rubra 10% Perennial ryegrass 5% Poa pratensis	ASTUCCIO 1 KG (in colli da 10 pz) SACCO 5 KG SACCO 25 KG
MICROMACRO	80% Tall fescue 10% Cynodon Dactylon 10% Perennial ryegrass	10 KG BAG 25 KG BAG



TURF GREEN BLENDS

TURF GREEN blends is designed specifically, to meet specific requests for products to be used in extensive lawns, public areas and work on large surfaces with a competitive quality price.

Our goal remains however that guaranteeing a good final effect, inserting some varieties selected from the good ones technical performance.

- SPORT
- SUN SEED
- FESTUMIX
- RUSTICUS LAWN
- OMBRA



TURF GREEN

PRODUCT	COMPOSITION	PACKAGING AVAILABLE
SPORT	85% Perennial ryegrass 15% Poa pratensis	1 KG BOX (in boxes of 10 pieces) 5 KG BAG 10 KG BAG
SUN SEED	35% Perennial ryegrass 60% Tall fescue 5% Poa pratensis	1 KG BOX (in boxes of 10 pieces) 5 KG BAG 10 KG BAG
FESTUMIX	100% Tall fescue Blend	1 KG BOX (in boxes of 10 pieces) 5 KG BAG 10 KG BAG
RUSTICUS LAWN	50% Festuca rubra rubra 50% Tall fescue	5 KG BAG 10 KG BAG
OMBRA	30% Festuca rubra rubra 40% Tall fescue 20% Perennial ryegrass 10% Festuca rubra commutata	5 KG BAG 10 KG BAG



COVER CROP MIXTURES FOR SOD PRODUCERS



BIOFUMIGATION exploits the active substances produced by some species plants, which have a toxic effect against important animal parasites (nematodes, soil insects) and soil fungi.

Our biofumigation mixtures:

- **FERTI-FUM TURF**
- **SANA TERRA**

FERTI - FUM TURF

- controls some common soil pathogens of the meadow (effective against pythium, rhizoctonia, fusarium, sclerotinia present in soil residues);
- it recovers the nutritional elements in depth and the washed-out nitrogen;
- increases the organic substance and increases biological activity;
- reduces soil compaction.

CYCLE

50-55 days to bloom

SOWING PERIOD

spring (from late winter to early June) or autumn (from August to September, with burial by November). The mixed bag is sensitive to frost.

SOWING RATE

15-20 kg/ha

SANA TERRA

- controls some soil pathogens (Pythium, Rhizoctonia, Fusarium, Sclerotinia present in plant and soil residues);
- it recovers the nutritional elements in depth and the washed-out nitrogen;
- increases the organic substance, reduces the soil compaction and increases organic activity

SOWING PERIOD

starting from May, with soil temperature higher than 16 ° C.

SOWING RATE

30 kg/ha

TREATMENT:

The allelopathic substances produced allow a good fumigant activity against pathogens fungi in the soil and at the same time, thanks to bio activators present in the seed, enriches the medium of antagonistic fungi and bacteria growth promoters, improving strongly biological fertility.

FEEDS:

It provides a significant amount of substance organic to the soil and improves its structure



TURFGRASS ESSENCES

PERENNIAL RYEGRASS


Light green variety:

- FANCY
- FIREBIRD 

Medium green variety:

- BOKSER
- EUROPITCH 
- CLAUDINE 
- TETRAMAGIC

Dark variety:

- DOUBLE TIME 
- PIZZAZZ 2
- ADAGIO 
- PRESIDIAN
- APPLE SGL 

CREEPING PERENNIAL RYEGRASS:

- CORSICA


MULTIFLORUM RYEGRASS:

- QUICKSTON



HYBRID RYEGRASS:

- CROSSOVER

POA PRATENSIS:

- NUBLUE PLUS 
- MARAUDER
- BLUE COAT
- EVORA
- GEISHA


TALL FESCUE:

- GRANDE II
- TURFWAY 
- DETONATE LS 
- THOR 
- THUNDERSTRUCK AT 
- TEMPLE

MICROTHERMS:

- AGROSTIS TENUIS HIGHLAND
- AGROSTIS MIX
- AGROSTIS STOLONIFERA DECLARATION
- TRIFOLIUM REPENS NANO MIX
- TRIFOLIUM REPENS RIVENDEL
- TRIFOLIUM REPENS HUIA
- TRIFOLIUM REPENS MICROCLOVER PIPOLINA

MACROTHERMS:

- CYNODON DACTYLON
- CYNODON DACTYLON PAUL 1 
- PASPALUM NOTATUM
- PENNISETUM CLANDESTINUM "KIKUYU GRASS"
WHITTET
- DICHONDRA REPENS



Varieties awarded for best performance



Coated seeds to allow improved performance in the use of water



Coated seeds with mycorrhizae and bioactivators



MAKING BETTER SEEDS

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