



1. 'Bison' broad bean

PLANTICO - Hodowla i Nasiennictwo Ogrodnicze Zielonki Sp. z o. o.



'Bison' broad bean - a variety cultivated by PlantiCo. It is one of the earliest varieties of the plant, highly appreciated and popular on the market. In Poland, 'Bison' generates 33% of broad bean sales (in kg, data source: PIORiN). The vegetation period of the plant is 70 - 75 days, while its height ranges from 70 - 90 cm with pods (14-17 cm) filled with 2-5 very large, light-green seeds. They are easily husked mechanically and manually. It is recommended for accelerated cultivation in open fields and under cover. The plant is intended for direct human consumption and freezing. It has a high tolerance to cold weather.

2. 'SOPLICA' onion

SPÓJNIA Hodowla i Nasiennictwo Ogrodnicze Sp. z o. o.



Mid-late variety of onion with elliptical shape, which retains the positive characteristics of Rijnsburger varieties. This is a fertile and good-health variety. It has a dry, yellow husk, which is medium-thick and closely attached. It provides a good yield, in which more than 95% onions are of commercial quality. Onions contain a lot of dry matter, vitamin C and a medium amount of sugar. Among other varieties of elliptical shape, this type is particularly suitable for storage, even for a long period.

3. 'MOSCHUS' - premium winter wheat

FGP Polska sp. z o. o. Sp. k.



MOSCHUS is a new variety of winter wheat, which brings enormous genetic progress in terms of increased quality of wheat seed produced by Polish farmers. Historically, it is the first western premium variety of winter wheat registered by COBORU in Poland in 2019 and currently it is one of only two elite varieties listed in the National Register. In Germany, MOSCHUS is also historically first winter wheat, which at the time of registration received three highest scores for the quality of the grain (for protein content, falling number and sedimentation rate).

4. 'Gracja' white mustard

Poznańska Hodowla Roślin Sp. z o. o.



'Gracja' – The latest variety of white mustard, providing a very high seed yield, always above the standard, healthy and resistant plants with fine-looking seeds of very good quality parameters.

5. 'Avatar' spring barley

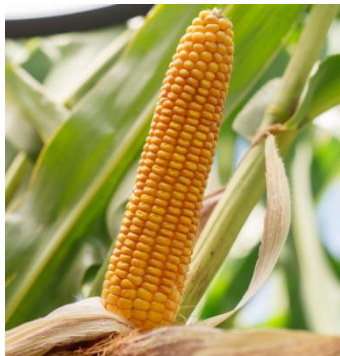
Poznańska Hodowla Roślin Sp. z o. o.



Avatar is the latest variety of spring barley, which represents all of the most desirable features of a good plant, such as health, high and stable yield, resistance to changing soil and climatic conditions. With good size distribution and well-shaped grain, it provides excellent quality.

6. 'SM Kurant' corn

Hodowla Roślin Smolice Sp. z o. o. IHAR Group



Thanks to the unique genetic composition it blends quantitative and qualitative advantages. Very high yield of dry matter - according to tests of COBORU in the last 4 years: 109% for the registration in 2015 - No. 1; 106% in 2016 - No. 2 and 106% for post-registration in 2017 - No. 1 and 104% in 2018 -No. 2, with the highest yield of green mass: 112%, 111%, 120% respectively and 108% - as the second result in 2018. Very reliable yield in changeable weather conditions and the exceptional tolerance of water shortage in the soil during the summer, in the flowering period. Suitable for cultivation in all soils, including those of mosaic type. High digestibility - 73% of organic matter digestibility due to a large content of starch - 39% in plant's dry matter, 50-52% of cobs in total dry matter yield and lower content of lignin in the stems. > Yield potential: confirmed by 4-year tests in Poland! > Reliability of yield: weather and soil > Tolerance to stress conditions: water shortages, cold > high quality of silage: digestibility, starch content > very good initial plant vigour: cold spring 2017.

7. 'Swing' blue lupine

Poznańska Hodowla Roślin Sp. z o. o.



Swing - a new, very sweet variety of blue lupine from 'Poznańska Hodowla Roślin'. Top achievement of Polish genetics, combining exceptional health and very high seed yield as well as one of the highest resistances to lodging before harvest.

8. 'Goldeneye' yellow lupine

Poznańska Hodowla Roślin Sp. z o. o.



Real hit Very early maturing variety of yellow lupine, which combines top-level yield with very sweet, evenly-shaped seeds.

9. 'MHR Fajter'

Małopolska Hodowla Roślin Sp. z o. o.



'MHR Fajter' is a spring variety, intended for use as a fodder; it has a medium height, above average fertility (103% of the benchmark in years 2016-2019) and a high health of plants, exhibiting good resistance to the most common diseases of barley. Recommended for growing in cereal mixtures and pulses. Suitable for cultivation in integrated and ecological agriculture. Evenly sized seeds with good protein content (11% DM). It quickly reaches the maturity and may be early removed from the field. It also copes well with periodic drought.

10. 'Jarlanka' spring wheat

Hodowla Roślin Smolice Sp. z o. o. IHAR Group



Spring wheat with a high fertility potential, increased resistance to powdery mildew disease, root rot and with a very good technological value of the grain Grain yield (% of the standard) during the 3-year research of COBORU - in years 2014, 2015 and 2016 was as follows: 2014 - 101% of the standard; 2015 - 104% of the standard; 2016 - 100% of the standard; 2017 - 104% of the standard (1st place); 2018 - 101% of the standard. This result was achieved at the level '1', i.e. without additional nitrogen fertilization and protection against lodging and fungal diseases. The reference variety for COBORU experiments.

11. 'MHR Jutrzenka' spring wheat

Małopolska Hodowla Roślin Sp. z o. o.



'MHR Jutrzenka' is useful for cultivation that requires less intensive technology. The plants are of a medium height with increased resistance to lodging and disease. This variety matures early, allowing the plant to provide high yields despite frequent droughts occurring recently. This variety of group A has unique baking qualities. 'MHR Jutrzenka' has a high content of protein and gluten, whereas its grain is particularly useful for milling.

12. 'EUFORIA' winter wheat

Hodowla Roślin Strzelce Sp. z o. o., IHAR Group, Strzelce IHAR Group



Euforia winter wheat is an exceptional example of advantages accumulated in one plant. High yield, stable over the years. It is one of the top yielding wheat varieties with good winter hardiness. It performs well in dry years, as evidenced by the results of COBORU experiments in years 2018 and 2019. This is a high-performance variety, which maintains the quality during wet harvest. It is tolerant to low pH, highly resistant to lodging and fungal diseases.

13. 'COMANDOR' winter wheat

DANKO Hodowla Roślin Sp. z o. o. in Chorynia



The latest, high-quality (group A) winter wheat, with high yields, both in medium-intense and intensive cultivation technology. It is perfect for soils of medium-quality and better. Grain with a very good size balance, high-density, extraordinary vitreous aspect and superb quality parameters - high falling number, as well as gluten and protein content. Winter-hardiness – 4.5 in a 9-grade scale. Increased tolerance to soil acidity. High resistance to sprouting of grain in the ear. Suitable for late sowing. Very good tillering.

14. 'VENECA' winter wheat

Hodowla Roślin Strzelce Sp. z o. o., IHAR Group, Strzelce IHAR Group



'VENECA' winter wheat is an innovative variation that meets the expectations of modern agriculture. It ensures high yields even during extremely dry years, which was confirmed during COBORU experiments in the years 2018-2019. A good level of winter hardiness and resistance to disease reduce the risk of decrease in yield in the case of extreme cold during the winter and higher disease risk. Its quality often surpasses most of class A parameters and it may be maintained even during wet harvest.

15. 'MAMUT' spring triticales

DANKO Hodowla Roślin Sp. z o. o. in Chorynia



It is a fodder spring triticales, registered in Poland and the Czech Republic. Since its registration, it has been among top yielding varieties in all regions of the country. It has a high resistance to fungal diseases of triticales. Plants are low with a very high resistance to lodging. Time of heading and maturing - mid-early. The seed has a high MTS value (mass of one thousand seeds) and is well balanced with high density in the mass of grain. The variety with a good resistance to sprouting seeds in the ear and high protein content. Due to good resistance to soil acidity, it can be grown on fields with unregulated pH.

16. 'BELCANTO' winter triticales

DANKO Hodowla Roślin Sp. z o. o. in Chorynia



The latest winter triticales with an exceptional high yielding level in Poland and Germany. Very good adaptation to different climate and soil conditions. Its best performance is achieved on soils of medium quality - class IVa and IVb. Average earliness and exceptional disease resistance. Very good winter hardiness - 5.5 in 9-grade scale. Average length of straw and good resistance to lodging. One of the highest resistance to sprouting of grain in the ear. Beautiful, coarse grain, with a very good alignment, density and high protein content.

17. 'GEMINI' winter rapeseed

Hodowla Roślin Strzelce Sp. z o. o., IHAR Group, Strzelce IHAR Group



GEMINI winter rapeseed is a new level in the oilseed crop. 115% of the reference value is a potential higher than the majority of hybrid varieties registered in Poland! GEMINI has winter hardiness suitable for Polish climate conditions and a good resistance to fungal diseases. High mass of one thousand seeds facilitates precise sowing even with less advanced seeders and simultaneously allows the use of this variety by farmers, who apply precise sowing of rape seed.