



UPL China introduces Yanhua Jindun Ternary seed coating agent for large-field crops

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Yanhua Yoloo expands seed treatment portfolio for wheat, rice, soybean and oilseeds



Yanhua Yoloo Biotechnology Co., Ltd., a subsidiary of UPL China, has launched Yanhua Jindun, a ternary co-formulated seed coating agent containing 31.8 per cent Ipconazole + Metalaxyl + Clothianidin, as an integrated seed treatment solution for major field crops. The product was formally unveiled on August 10, 2026, in Xuchang, Henan Province, with target crops including peanut, sunflower, wheat, rice and soybean.

The formulation combines fungicidal, insecticidal and crop-establishment benefits in a single seed treatment. Ipconazole and Metalaxyl provide complementary protection against a broad range of seed- and soil-borne diseases, including root rot, damping-off, smut and seedling blight. Clothianidin provides systemic insect control against pests such as white grubs, aphids and thrips.

According to multi-location field trials, Yanhua Jindun can improve field emergence, support root development and nodulation, and contribute to stronger crop establishment. The company also reports improved seedling tolerance to abiotic stresses such as low temperature, drought and salinity, potentially helping reduce early-season crop losses under adverse conditions.

The product uses water as the continuous phase and contains a low level of organic solvents, a formulation approach intended to minimise effects on seed respiration and metabolism. Ipconazole, a triazole fungicide, acts by inhibiting ergosterol biosynthesis and disrupting fungal cell membrane formation. Metalaxyl acts systemically against Oomycetes, while Clothianidin targets insect neural transmission. The three active ingredients therefore combine protective and systemic modes of action across both disease and insect threats.

The launch marks a broader effort by UPL China, through Yanhua Yoloo, to expand its seed treatment portfolio for large-scale field crops. UPL operates across 138 countries, with fiscal 2026 sales exceeding \$ 5.4 billion. Its China operations include more than 150 sales and technical personnel and conduct over 1,000 field trials and 1,000 farmer training sessions annually, according to the company.

Beyond Yanhua Jindun, Yanhua Yoloo introduced a full-season wheat management programme built around seed treatment as the starting point for crop protection. The programme covers early-stage root strengthening and tiller development, spike

protection during jointing, and management of Fusarium head blight, dry-hot wind and premature senescence during heading. It combines herbicide programmes and biostimulants to create an integrated crop management package spanning sowing through harvest.

The company also highlighted new active ingredients in its development pipeline, including flupyrimin and pyroxasulfone. The expansion indicates that Yanhua Yolo is seeking to move beyond standalone seed treatment products towards full-cycle crop management solutions, with seed coating serving as an entry point into China's growing large-field crop protection market.