

## Solvay earns ANSES registration for AgRho® NH4 Protect nitrification inhibitor

**Aubervilliers, October 9, 2017** --- Solvay's AgRho® NH4 Protect, an innovative nitrification inhibitor solution, has been granted authorization for sale in France by The National Agency for Health, Food, Environment and Work Safety (ANSES).

AgRho® NH4 Protect is part of a patented range of eco- and user-friendly solutions of urease and nitrification inhibitors developed and commercialized by Solvay under the AgRho N-Protect brand umbrella.

With the July 12 approval for sales in France, AgRho® NH4 Protect can now be used in the following fertilizer applications:

- Urea ammonium nitrate (UAN) liquid fertilizer with an application rate of 5 to 10 L per cubic meter of UAN
- Ammonium sulfate nitrate (ASN) solid fertilizer with an application rate of 2,2 to 4,4 L per metric ton of ASN
- Manure and slurry organic fertilizer with an application rate of 5 to 10 L per hundred kg of organic nitrogen

“ANSES decision allows Solvay to market in France this unique, innovative solution that enhances the efficiency of fertilizers that benefit farmers, the environment and the climate,” said Jean-Charles Djelalian, Global Director for Fertilizers at Solvay. “We will now apply for mutual recognition of the French registration in other European Union member states. Additionally, we will submit extensions for other fertilizer applications, such as urea or calcium ammonium nitrate (CAN) and ammonium sulphate (AMS).”

AgRho® NH4 Protect is the first ever liquid formulation of dicyandiamide (DCD), a well-known nitrification inhibitor which protects the environment and climate by preventing nitrate leaching and nitrous oxide emissions.

Solvay's unique competitive, stable liquid formulation delivers strong performance at a reduced unit dose of DCD. AgRho® NH4 Protect is so efficient that Solvay recommends an application rate four times below the minimum quantity foreseen by the European Regulation for Fertilizers. This lower application rate is the reason AgRho® NH4 Protect had to submit to national registration in Europe, despite its availability in other regions of the world since its introduction in 2014.

Fields trials conducted in the last three years by several technical institutes confirm that AgRho® NH4 Protect improves nitrogen use efficiency and increases yield up to 7 percent while reducing nitrate leaching and greenhouse gas emissions by 50 percent.

Solvay will present AgRho® NH4 Protect at the Argus Europe Fertilizer 2017 conference to be held Oct. 18-20 in Barcelona.

**SOLVAY NOVECARE** is a worldwide leader in specialty surfactants and a major player in polymers, amines and guar. Solvay Novecare engineers and develops formulations that provide consumer products and state-of-the-art industrial applications with specific functional qualities designed to modify fluid behavior and deliver cleansing, dispersal, gelling, moisturizing, penetrating, softening or texturizing properties. These formulations are used in shampoos, detergents, paints and lubricants as well as in crop protection, mining and energy production and stimulation. Novecare, which boasts a worldwide network of 34 manufacturing sites and 22 R&D centers, has become the preferred partner of its customers in rapidly growing economies and leverages an innovation platform based on sustainable solutions.

**SOLVAY** is a multi-specialty chemical company, committed to developing chemistry that addresses key societal challenges. Solvay innovates and partners with customers in diverse global end markets. Its products and solutions are used in planes, cars, smart and medical devices, batteries, in mineral and oil extraction, among many other applications promoting sustainability. Its lightweighting materials enhance cleaner mobility, its formulations optimize the use of resources and its performance chemicals improve air and water quality. Solvay is headquartered in Brussels with around 27,000 employees in 58 countries. Net sales were € 10.9 billion in 2016, with 90% from activities where Solvay ranks among the world's top 3 leaders. Solvay SA ([SOLB.BE](#)) is listed on Euronext Brussels and Paris (Bloomberg: [SOLB.BB](#) - Reuters: [SOLB.BR](#)) and in the United States its shares (SOLVY) are traded through a level-1 ADR program.

[Mark Wheeler](#)  
Media Relations  
+ 1 609 860 3910