



NEWS RELEASE

AMVAC's SIMPAS to be Field-Tested by the J.R. Simplot Company

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American Vanguard Corporation (NYSE:AVD) indicated today that its wholly owned subsidiary AMVAC Chemical Corporation is pleased to announce a collaboration with the J. R. Simplot Company to field test AMVAC's proprietary SIMPAS™ prescriptive application equipment. SIMPAS stands for Smart Integrated Multi-product Prescriptive Application System. This technology enables Simplot Grower Solutions (SGS), a division of the J. R. Simplot Company and leading full-service agronomic input supplier, to test-run the application equipment as part of SGS's comprehensive services to their growers. SIMPAS allows growers to apply multiple differentiated products to only the portion of the fields needing specific inputs. This is possible by using SmartCartridge™ container technology that uses on-the-row RFID-tagged containers for application.

The collaboration allows AMVAC to install hardware and software at select SGS retail locations in order for those retailers to handle and process the SmartCartridges used by SIMPAS equipment to prescriptively apply products.

SGS will then be able to perform pre-commercially testing of AMVAC's SIMPAS and SmartCartridge hardware and software at multiple SGS locations during the 2018 crop cycle in anticipation of AMVAC's soft launch of the technology in 2019.

According to Dave Dufault, Vice President and General Manager, J. R. Simplot Company, "We've been big and early supporters of 4R Nutrient Stewardship to ensure growers use the right fertilizer in the right amounts at the right time and in the right place, and this technology expands these services to a total solution. Combining Simplot's SmartFarm data-driven agronomy solutions and AMVAC's SIMPAS technology, we can enable farmers to apply crop protection, nutrition and specialty products to only those areas of their fields where they're needed. That's good stewardship, and it helps farmers maximize their return on investment."



Bob Trogele, AMVAC COO, says, "Simplot Grower Solutions is one of the premier precision Ag organizations in the world, so we're thrilled with the opportunity to make pre-commercial SIMPAS systems available to their leading-edge, innovative farmers. Simplot's crop advisors, utilizing the Simplot SMARTFARM® program, know where and at what rate each product should be applied. The opportunity to combine SIMPAS application technology with SmartFarm prescriptions and post-harvest analysis will give participating farmers and their advisors a head start in the process of scouting for location-specific problems, identifying solutions, developing and applying prescriptions, and assessing the results."

Installed as "after-market" equipment on a wide range of planter brands and models, SIMPAS equipment will prescriptively apply multiple in-furrow products from on-the-row SmartCartridges in a manner that is similar to the way a printer dispenses ink from multiple ink cartridges. The system uses software to control the application rate of each product on every row at every location in the field with an accuracy of +/- 1%. Each SmartCartridge is a self-contained closed-delivery container that is equipped with a Radio Frequency Identification (RFID) tag that confirms each cartridge is authorized for use, properly installed, and in the correct position on the planter. The RFID tag also "links" individual cartridges with the purchaser, enabling farmers to receive credit for unused SmartCartridge contents when returned to the original place of purchase.

About Simplot

The J. R. Simplot Company, a privately held agribusiness firm headquartered in Boise, Idaho, has an integrated portfolio that includes phosphate mining, fertilizer manufacturing, farming, ranching and cattle production, food processing, food brands, and other enterprises related to agriculture. Simplot's major operations are located in the U.S., Canada, Mexico, Australia, and China, with products marketed in more than 40 countries worldwide. The company supports 4R Nutrient Stewardship – using the right source of fertilizer at the right rate at the right time and in the right place. This is a cornerstone to Simplot's mission of Bringing Earth's Resources to Life. For more information, visit www.simplot.com.

About American Vanguard

American Vanguard Corporation is a diversified specialty and agricultural products company that develops and markets products for crop protection and management, turf and ornamentals management and public and animal health. American Vanguard is included on the Russell 2000® and Russell 3000® Indexes and the Standard & Poor's Small Cap 600 Index. To learn more about American Vanguard, please reference the Company's web site at www.american-vanguard.com.

The Company, from time to time, may discuss forward-looking information. Except for the historical information

contained in this release, all forward-looking statements are estimates by the Company's management and are subject to various risks and uncertainties that may cause results to differ from management's current expectations. Such factors include weather conditions, changes in regulatory policy and other risks as detailed from time-to-time in the Company's SEC reports and filings. All forward-looking statements, if any, in this release represent the Company's judgment as of the date of this release.

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