

**CERTIFICATION PURSUANT TO  
18 U.S.C. SECTION 1350**

In connection with the Quarterly Report on Form 10-Q of S&W Seed Company (the “Company”) for the quarter ended March 31, 2012 as filed with the Securities and Exchange Commission on the date hereof (the “Report”) I, Mark S. Grewal, Chief Executive Officer of the Company, certify, pursuant to § 906 of the Sarbanes-Oxley Act of 2002, 18 U.S.C. § 1350, that to my knowledge:

- (1) The Report fully complies with the requirements of Section 13(a) of the Securities Exchange Act of 1934 (15 U.S.C. 78m); and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: May 9, 2012

/s/ Mark S. Grewal  
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Mark S. Grewal  
*President and Chief Executive Officer*  
*(Principal Executive Officer)*