Origin Agritech LTD Form SC 13G February 15, 2006

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G

INFORMATION STATEMENT PURSUANT TO RULES 13d-1 AND 13d-2 UNDER THE SECURITIES EXCHANGE ACT OF 1934

Orign Agritech, Ltd. (NAME OF ISSUER)

Common Stock, \$0.01 par value (TITLE OF CLASS OF SECURITIES)

G6782106 (CUSIP NUMBER)

December 30, 2005 (Date of Event which requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

[] Rule 13d-1(b)
[x] Rule 13d-1(c)
[] Rule 13d-1(d)

(Page 1 of 17 Pages)

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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⁽¹⁾ NAME OF REPORTING PERSON
S.S. OR I.R.S. IDENTIFICATION NO.

OF ABOVE PERSON Ardsley Partners Fund II, L.P. (2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP ** (a) [x] _____ (3) SEC USE ONLY (4) CITIZENSHIP OR PLACE OF ORGANIZATION Delaware NUMBER OF (5) SOLE VOTING POWER 0 SHARES BENEFICIALLY (6) SHARED VOTING POWER 265,750 OWNED BY EACH (7) SOLE DISPOSITIVE POWER 0 REPORTING PERSON WITH (8) SHARED DISPOSITIVE POWER 265**,**750 ______ (9) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 265,750 (10) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ** _____ (11) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 1.75% (12) TYPE OF REPORTING PERSON ** PN ** SEE INSTRUCTIONS BEFORE FILLING OUT! CUSIP No. G6782106 13G PAGE 3 of 17 PAGES _____ (1) NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON Ardsley Partners Institutional Fund, L.P. (2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP ** (a) [x] (b) [] (3) SEC USE ONLY

(4) CITIZENSHIP OR PLACE OF ORGANIZATION Delaware NUMBER OF (5) SOLE VOTING POWER 0 ______ BENEFICIALLY (6) SHARED VOTING POWER 152,500 ._____ (7) SOLE DISPOSITIVE POWER EACH 0 REPORTING _____ PERSON WITH (8) SHARED DISPOSITIVE POWER 152,500 (9) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 152,500 (10) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ** (11) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 1.00% ._____ (12) TYPE OF REPORTING PERSON ** PN ** SEE INSTRUCTIONS BEFORE FILLING OUT! CUSIP No. G6782106 13G PAGE 4 of 17 PAGES (1) NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON Ardsley Offshore Fund Ltd. (2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP ** (a) [x] (b) [] ______ (3) SEC USE ONLY (4) CITIZENSHIP OR PLACE OF ORGANIZATION British Virgin Islands NUMBER OF (5) SOLE VOTING POWER 0 SHARES BENEFICIALLY (6) SHARED VOTING POWER 364,400

OWNED BY										
EACH		(7)	SOLE DISPOSITIVE POWER 0							
REPORTING										
PERSON WITH		(8)	SHARED DISPOSITIVE POWER 364,400							
(9)	BY EA	GGREGATE AMOUNT BENEFICIALLY OWNED Y EACH REPORTING PERSON 64,400								
(10)			IF THE AGGREGATE AMOUNT EXCLUDES CERTAIN SHARES **				[]			
(11)			F CLASS REPRESENTED IN ROW (9)		. — — — ·					
(12)		OF RE	EPORTING PERSON **							
			** SEE INSTRUCTIONS BEFORE FILLING OUT	·						
CUSIP No.	G6782	2106	13G	PAGE	5 of	17	PAGES			
(1)	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON Ardsley Advisory Partners									
(2)	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP ** (a) (b)									
(3)	SEC U	JSE ON	NLY							
(4)		ENSHI	IP OR PLACE OF ORGANIZATION ork							
		(5)	SOLE VOTING POWER 0							
SHARES										
BENEFICIALLY OWNED BY		(6)	SHARED VOTING POWER 796,900							
			SOLE DISPOSITIVE POWER							
EACH REPORTING PERSON WITH		(7)								
		(8) SHARED DISPOSITIVE POWER 796,900								

(9)		ACH R	AMOUNT BENEFICIALLY OWNED EPORTING PERSON							
(10)	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES **									
(11)	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 5.28%									
(12)		OF R	EPORTING PERSON **							
			** SEE INSTRUCTIONS BEFORE FILLING OUT	г!						
CUSIP No.	G678	2106	13G	PAGE 6 of 17	7 PAGES					
(1)	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON Ardsley Partners I									
(2)	CHEC	 K THE	APPROPRIATE BOX IF A MEMBER OF A GROUP	(a)	[x]					
(3)	SEC	USE O	NLY							
(4)		 ZENSH New Y	IP OR PLACE OF ORGANIZATION							
NUMBER OF		(5)	SOLE VOTING POWER							
BENEFICIA:	LLY	(6)	SHARED VOTING POWER 418,250							
OWNED BY										
EACH REPORTING		(/)	SOLE DISPOSITIVE POWER 0							
PERSON WI	TH	(8)	SHARED DISPOSITIVE POWER 418,250							
(9)		ACH R	AMOUNT BENEFICIALLY OWNED EPORTING PERSON							
(10)	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ** []									
(11)	PERCENT OF CLASS REPRESENTED									

BY AMOUNT IN ROW (9)

	2.76%	ī										
(12)		OF R	EPORTING	F PER	SON **							
			** SEE	E INS	TRUCTIC	NS BEFO	RE FIL	LING OU	Т!			
CUSIP No.	G6782	:106			13G				PAGE	7 of	17	PAGES
(1)	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON Philip J. Hempleman											
(2)	CHECK	THE	APPROPI	RIATE	BOX IF	' A MEMB	ER OF	A GROUP	**			[x]
(3)	SEC U	JSE O	NLY									
(4)			IP OR PI d States		OF ORGA	NIZATIO	 N 					
NUMBER OF		(5)	SOLE VO	TING	POWER							
BENEFICIAI	LLY	(6)	SHARED 796,900		NG POWE	lr						
EACH		(7)	SOLE DI	ISPOS	ITIVE P	OWER						
REPORTING PERSON WIT	ГН	(8)	SHARED 796,900		OSITIVE	POWER						
(9)	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 796,900											
(10)			IF THE				**					[]
(11)	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 5.28%											
(12)		OF R	EPORTING	PER	SON **							

 $\star\star$ SEE INSTRUCTIONS BEFORE FILLING OUT!

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ITEM 1(a). NAME OF ISSUER:

 $\label{eq:company} \mbox{The name of the issuer is Origin Agritech, Ltd. (the "Company").}$

ITEM 1(b). ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES: 625 Broadway, Suite 1111 San Diego, CA 92101

ITEM 2(a). NAME OF PERSON FILING:

This statement is filed by:

- (i) Ardsley Partners Fund II, L.P., a Delaware limited partnership ("AP II"), with respect to the shares of Common Stock (defined in Item 2(d) below) directly owned by it;
- (ii) Ardsley Partners Institutional Fund, L.P., a Delaware limited partnership ("Ardsley Institutional"), with respect to the shares of Common Stock directly owned by it;
- (iv) Ardsley Advisory Partners, a New York general partnership
 ("Ardsley") which serves as Investment Manager of Ardsley
 Offshore, and as Investment Adviser of AP II, Ardsley
 Institutional and certain managed accounts, with respect to
 the shares of Common Stock directly owned by Ardsley Offshore,
 AP II, Ardsley Institutional and the managed accounts;
- (v) Ardsley Partners I, a New York general partnership ("Ardsley Partners") which serves as General Partner of Ardsley, AP II and Ardsley Institutional; and
- (vi) Philip J. Hempleman ("Mr. Hempleman"), the managing partner of Ardsley and of Ardsley Partners and may, by virtue of his position as managing partner, be deemed to have power to direct the voting and disposition of the Common Stock held or controlled by Ardsley, Ardsley Partners, AP II, Ardsley Institutional, Ardsley Offshore and the managed accounts. Mr. Hempleman disclaims beneficial ownership of the Common Stock reported herein, other than the portion of such shares which relates to his individual economic interest in AP II.

The foregoing persons are hereinafter sometimes collectively referred to as the "Reporting Persons". Any disclosures herein with respect to persons other than the Reporting Persons are made on information and belief after making inquiry to the appropriate party.

ITEM 2(b). ADDRESS OF PRINCIPAL OFFICE OR, IF NONE, RESIDENCE:

The address of the business office of each of the Reporting Persons, with the exception of Ardsley Offshore, is 262 Harbor Drive, Stamford, Connecticut 06902.

The address of the registered office of Ardsley Offshore is Romasco Place, Wickhams Cay 1, Roadtown Tortola, British Virgin Islands.

ITEM 2(c). CITIZENSHIP:

AP II and Ardsley Institutional are Delaware limited partnerships.

Ardsley Offshore is a British Virgin Islands Corporation. Ardsley and Ardsley Partners are New York general partnerships. Mr. Hempleman is a United States Citizen.

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ITEM 2(d). TITLE OF CLASS OF SECURITIES: Common Stock, \$0.01 par value
("Common Stock")

ITEM 2(e). CUSIP NUMBER: G6782106

ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO RULES 13d-1(b), OR 13d-2(b), CHECK WHETHER THE PERSON FILING IS A:

- (a) [] Broker or dealer registered under Section 15 of the Act
- (b) [] Bank as defined in Section 3(a)(6) of the Act
- (c) [] Insurance Company as defined in Section 3(a)(19) of the Act
- (d) [] Investment Company registered under Section 8 of the Investment Company Act
- (e) [] Investment Adviser registered under Section 203 of the Investment Advisers Act of 1940
- (f) [] Employee Benefit Plan, Pension Fund which is subject to the provisions of the Employee Retirement Income Security Act of 1974 or Endowment Fund; see Rule 13d- 1(b)(1)(ii)(F)
- (g) [] Parent Holding Company, in accordance with Rule 13d-1(b)(ii)(G); see item 7
- (h) () Group, in accordance with Rule 13d-1(b)(1)(ii)(H)

If this statement is filed pursuant to Rule 13d-1(c), check the box. [X]

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ITEM 4. OWNERSHIP.

- A. Ardsley Partners Fund II, L.P.
 - (a) Amount beneficially owned: 265,750
- (b) Percent of class: 1.75%. The percentages used herein and in the rest of Item 4 are calculated based upon the 15,100,000 shares of Common Stock issued and outstanding at November 9, 2005 as reflected on Bloomberg.
 - (c) (i) Sole Power to vote or direct the vote: -0-
 - (ii) Shared power to vote or direct the vote: 265,750
 - (iii) Sole power to dispose or direct the disposition: -0-
 - (iv) Shared power to dispose or direct the disposition: 265,750
 - B. Ardsley Partners Institutional Fund, L.P.
 - (a) Amount beneficially owned: 152,500
 - (b) Percent of class: 1.00%

- (c) (i) Sole Power to vote or direct the vote: -0-
 - (ii) Shared power to vote or direct the vote: 152,500
 - (iii) Sole power to dispose or direct the disposition: -0-
 - (iv) Shared power to dispose or direct the disposition: 152,500
- C. Ardsley Offshore Fund Ltd.
 - (a) Amount beneficially owned: 364,400
 - (b) Percent of class: 2.41%
 - (c) (i) Sole Power to vote or direct the vote: -0-
 - (ii) Shared power to vote or direct the vote: 364,400
 - (iii) Sole power to dispose or direct the disposition: -0-
 - (iv) Shared power to dispose or direct the disposition: 364,400
- D. Ardsley Advisory Partners
 - (a) Amount beneficially owned: 796,900
 - (b) Percent of class: 5.28%
 - (c) (i) Sole Power to vote or direct the vote: -0-
 - (ii) Shared power to vote or direct the vote: 796,900
 - (iii) Sole power to dispose or direct the disposition: -0-
 - (iv) Shared power to dispose or direct the disposition: 796,900
- E. Ardsley Partners I
 - (a) Amount beneficially owned: 418,250
 - (b) Percent of class: 2.76%
 - (c) (i) Sole Power to vote or direct the vote: -0-
 - (ii) Shared power to vote or direct the vote: 418,250
 - (iii) Sole power to dispose or direct the disposition: -0-
 - (iv) Shared power to dispose or direct the disposition: 418,250
- F. Philip J. Hempleman
 - (a) Amount beneficially owned: 796,900
 - (b) Percent of class: 5.28%
 - (c) (i) Sole Power to vote or direct the vote: 0
 - (ii) Shared power to vote or direct the vote: 796,900
 - (iii) Sole power to dispose or direct the disposition: 0
 - (iv) Shared power to dispose or direct the disposition: 796,900

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- ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS. Not applicable.
- ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON.

Ardsley, the Investment Manager of Ardsley Offshore and the Investment Adviser of certain managed accounts, has the power to vote and direct the disposition of the proceeds from the sale of the shares of Common Stock owned by Ardsley Offshore and the managed accounts, and accordingly may be deemed the direct "beneficial owner" of such shares of Common Stock.

Ardsley, the Investment Adviser of AP II and Ardsley Institutional shares the power to vote and direct the disposition of the proceeds from the sale of the shares of Common Stock owned by AP II and Ardsley Institutional, and accordingly may be deemed the direct "beneficial owner" of such shares of Common

Stock.

Ardsley Partners, the General Partner of AP II and Ardsley Institutional shares the power to vote and direct the disposition of the shares of Common Stock owned by AP II and Ardsley Institutional, and accordingly may be deemed the direct "beneficial owner" of such shares of Common Stock.

Mr. Hempleman is the Managing Partner of Ardsley and Ardsley Partners and in that capacity directs their operations and therefore may be deemed to be the indirect "beneficial owner" of the shares of Common Stock owned by Ardsley Offshore, AP II, Ardsley Institutional and the managed accounts. Mr. Hempleman also has the power to vote and direct the disposition of the proceeds from the sale of the shares of Common Stock that he owns individually.

- ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY. Not applicable.
- ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP. Not applicable.
- ITEM 9. NOTICE OF DISSOLUTION OF GROUP.
 Not applicable.

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ITEM 10. CERTIFICATION.

Each of the Reporting Persons hereby makes the following certification:

By signing below I certify, to the best of my knowledge and belief, the securities referred to above were acquired in the ordinary course of business, were not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in any transaction having such purposes or effect.

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SIGNATURES

After reasonable inquiry and to the best of their knowledge and belief, the undersigned certify that the information set forth in this statement is true, complete and correct.

DATED: as of February 14, 2006

ARDSLEY PARTNERS FUND II, L.P. BY: ARDSLEY PARTNERS I, GENERAL PARTNER

BY:/s/ Steve Napoli

Steve Napoli General Partner

ARDSLEY PARTNERS INSTITUTIONAL FUND, L.P. BY: ARDSLEY PARTNERS I,

GENERAL PARTNER

BY:/s/ Steve Napoli
----Steve Napoli
General Partner

ARDSLEY OFFSHORE FUND LTD.

BY:/s/ Neil Glass_ -----Neil Glass Vice-President and Administrative Manager

ARDSLEY ADVISORY PARTNERS

BY:/s/ Steve Napoli
----Steve Napoli
General Partner

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ARDSLEY PARTNERS I

BY:/s/ Steve Napoli
----Steve Napoli
General Partner

PHILIP J. HEMPLEMAN, Individually

BY:/s/ Steve Napoli
----Steve Napoli

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JOINT FILING AGREEMENT PURSUANT TO RULE 13d-1(k)(1)

The undersigned acknowledge and agree that the foregoing statement on Schedule 13G is filed on behalf of each of the undersigned and that all subsequent amendments to this statement on Schedule 13G/A shall be filed on behalf of each of the undersigned without the necessity of filing additional joint filing statements. The undersigned acknowledge that each shall be responsible for the timely filing of such amendments, and for the completeness and accuracy of the information concerning him, her or it contained herein, but shall not be responsible for the completeness and accuracy of the information concerning the other entities or persons, except to the extent that he, she or it knows or has reason to believe that such information is inaccurate.

Dated: as of February 14, 2006

ARDSLEY PARTNERS FUND II, L.P.
BY: ARDSLEY PARTNERS I,
GENERAL PARTNER

BY:/s/ Steve Napoli
----Steve Napoli
General Partner

ARDSLEY PARTNERS INSTITUTIONAL FUND, L.P. BY: ARDSLEY PARTNERS I,

GENERAL PARTNER

BY:/s/ Steve Napoli
----Steve Napoli
General Partner

ARDSLEY OFFSHORE FUND LTD.

BY:/s/ Neil Glass
----Neil Glass
Vice-President and Administrative Manager

ARDSLEY ADVISORY PARTNERS

BY:/s/ Steve Napoli
----Steve Napoli
General Partner

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ARDSLEY PARTNERS I

PHILIP J. HEMPLEMAN, Individually

BY:/s/ Steve Napoli
----Steve Napoli

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EXHIBIT 2

Evidence of Power Of Attorney

KNOW ALL PERSONS BY THESE PRESENTS, that Philip J. Hempleman, an individual residing at 2 Dublin Hill Drive, Greenwich, CT 06831, does hereby nominate, constitute and appoint Steven N. Napoli, his true and lawful attorney-in-fact, for him, in his name, place and stead, in the sole discretion of any such attorney-in-fact, to prepare, or cause the preparation by other appropriate persons of, and to execute and deliver on behalf of him, in connection with any securities of any entity, any filing of any form under the Securities Exchange Act of 1934, as amended, and to file the same, with all other documents in connection therewith, in each case, with the Securities and Exchange Commission, and generally do all such things in his name and on his behalf in connection therewith consistent with the provisions of the Securities Exchange Act of 1934, as amended, and all requirements of the Securities and Exchange Commission, and to take any and all other action, as any such attorney-in-fact may deem necessary or desirable in connection therewith.

Philip J. Hempleman hereby ratifies and confirms the execution, delivery and performance (whether before or after the date hereof) of the above-mentioned instruments or other documents by the attorney-in-fact and all that the attorney-in-fact shall lawfully do or cause to be done by virtue hereof.

Philip J. Hempleman hereby agrees that no person or other entity dealing with the attorney-in-fact shall be bound to inquire into such attorney-in-fact's power and authority hereunder and any such person or entity shall be fully protected in relying on such power of authority.

This Power of Attorney Shall be governed and construed in accordance with the laws of the State of Connecticut without reference to principles of conflicts of law.

Executed as of this 4th day of February, 2004

PHILIP J. HEMPLEMAN, Individually

BY:/s/ Philip J. Hempleman
----Philip J. Hempleman