CF Industries Holdings, In	nc.
Form 425	
May 14, 2009	

Filed by Agrium Inc.

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Pursuant to Rule 425 under the Securities Act of 1933

Subject Company:

CF Industries Holdings, Inc.

* * *

Mr. Mike Wilson, President and Chief Executive Officer of Agrium Inc. presented at the BMO Capital Markets Agriculture, Protein & Fertilizer Conference in New York on May 14, 2009 at 3:30 p.m. ET. A copy of the slides for such presentation follows.

* * *

Fundamentals of Growth Agrium: Growing Across the Value Chain May 2009

2

Important Information

This

presentation

does

not

constitute

an

offer

to

exchange,

or

a

solicitation

of an offer to exchange, common stock of

CF Industries Holdings, Inc. (CF), nor is it a substitute for the Tender Offer Statement on Schedule TO or the Prospectus/Offer to Exchange included in the Registration Statement on Form F-4 (including the Letter of Transmittal and related documents) (collectively, as amended from time to time, the Exchange Offer Documents) filed by Agrium Inc. (Agrium) with the U.S. Securities and Exchange Commission (the SEC) on March 16, 2009, as amended. The Registration Statement on Form F-4 has not yet become effective. The offer to exchange is made only through the Exchange Offer Documents. **INVESTORS AND SECURITY HOLDERS OF AGRIUM AND CF ARE URGED TO REA** THE EXCHANGE OFFER DOCUMENTS AND OTHER RELEVANT MATERIALS FILED WITH THE SEC CAREFULLY IN THEIR ENTIRETY AS THEY BECOME AVAILABLE BECAUSE THEY WILL CONTAIN IMPORTANT INFORMATION ABOUT THE OFFER TO EXCHANGE.

Copies of any documents filed by Agrium with the SEC are available free of charge through the web site maintained by the SEC at www.sec.gov, by calling the SEC at telephone number 800-SEC-0330 or by directing a request to the Agrium Investor Relations/Media Department, Agrium Inc, 13131 Lake Fraser Drive S.E., Calgary, Alberta, Canada T2J 7E8. Free copies of any such documents can also be obtained by calling Georgeson Inc. toll-free at (866) 318-0506.

Agrium,

North,

their

respective

directors

and

executive

officers

and

certain

other

persons

are

deemed

to

be

participants

in any solicitation of proxies from CF s stockholders in respect of the proposed transaction with CF. Information regarding Agrium s directors and executive officers is available in its management proxy circular dated April 3, 2009 relating to the annual general meeting of its shareholders held on May 13, 2009. Other information regarding potential participants in such proxy solicitation and a description of their direct and indirect interests, by security holdings or otherwise, will be contained in any proxy statement filed in connection with the proposed transaction.

All information in this presentation concerning CF, including its business, operations and financial results, was obtained from

public

sources.

While

Agrium

has

n	n

knowledge

that

any

such

information

is

inaccurate

or

incomplete,

Agrium

has

not had the opportunity to verify any of that information.

Fundamentals of Growth
3
Forward-Looking Statements
Certain
statements
and
other
information
included
in
this
presentation
constitute
forward-looking
information

within the

the proposed acquisition

meaning of applicable Canadian securities legislation or constitute forward-looking statements (together, forward-looking statements). All statements in this presentation, other than those relating to historical information or current condition, are forward-looking statements, including estimates, forecasts and statements as to management s expectations with respect to, among other things, business and financial prospects, financial multiples and accretion estimates, future trends, plans, strategies, objectives and expectations, including with respect operations following the proposed acquisition of CF. These forward-looking statements are subject to a number of risks and ur of which are beyond our control, which could cause actual results to differ materially from such forward-looking statements. Events or circumstances that could cause actual results to differ materially from those in the forward-looking statements, includes limited to, CF s failure to accept Agrium s proposal and enter into a definitive agreement to effect the transaction, Agrium co issued in connection with

may

have
a
market
value
lower
than
expected,
the
businesses
of
Agrium
and GE
CF,
or
any
other recent business acquisitions, may not be integrated successfully or such integration may be more difficult, time-consumi
expected, the expected combination benefits and synergies and costs savings from the Agrium/CF transaction may not be fully
realized
within
the
expected
time
frame,
the
possible
delay
in
the
completion
of
the
steps
required
to
be
taken
for
the
eventual
combination
of
the two companies, including the possibility that approvals or clearances required to be obtained from regulatory and other ag
will not be obtained in a timely manner or will be obtained on conditions that may require divestiture of assets expected to be
disruption from the proposed transaction making it more difficult to maintain relationships with customers, employees and sup
business
and
economic
conditions,
interest

rates,

exchange
rates
and
tax
rates,
weather
conditions,
crop
prices,
the
supply,
demand
and
price
level for our major products, gas prices and gas availability, operating rates and production costs, domestic fertilizer consumptions of the control of the
changes in government policy in key agriculture markets, including the application of price controls and tariffs on fertilizers at
subsidies or changes in their amounts, changes in development plans, construction progress, political risks, including civil unre
armed
groups
or
conflict,
governmental
and
regulatory
requirements
and
actions
by
governmental
authorities,
including
changes
in
government
policy, changes in environmental, tax and other laws or regulations and the interpretation thereof and other risk factors detailed
time in Agrium and CF s reports filed with the SEC.
Agrium
disclaims
any
intention
or
obligation
to
update
or .
revise
any
forward-looking
statements

in
this
presentation
as
a
result
of
new
information or future events, except as may be required under applicable U.S. federal securities laws or applicable Canadian se
legislation.
These
forward-looking
statements
are
based
on
certain
assumptions
and
analyses
made
by
us
in
light
of .
our
experience
and
perception
of .
historical
trends,
current
conditions
and
expected
future
developments
as
well
as
other
factors
we we
believe
are
appropriate in
the
uic

circumstances. Expected future developments are based, in part, upon assumptions respecting our ability to successfully integr businesses of Agrium and CF, or any other recent acquisitions.

All of the forward-looking statements contained herein are qualified by these cautionary statements and by the assumptions that inherent in such forward-looking statements. Although we believe these assumptions are reasonable, undue reliance should not these assumptions and such forward-looking statements. The key assumptions that have been made in connection with the forward-more statements include, but are not limited to, CF s acceptance of Agrium s proposal and the entering into of a definitive agreement proposed transaction, closing the proposed transaction, the market value of Agrium common shares issued in connection with acquisition, our ability to successfully integrate within expected time frames and costs, and realize the expected combination be synergies

and

costs

savings

from,

the

combination

of

the

businesses

of

Agrium

and

CF,

or

any other

recent

business

acquisitions,

and

our

ability to maintain relationships with customers, employees and suppliers during the course of the proposed transaction.

4

* 2008 actual results include UAP contributions from date of acquisition (May 5, 2008)

Distribution

& Storage

Growers

Agrium Retail:

\$5.5-billion sales*

Advanced

Technologies:

Leader in Specialty

Fertilizers

\$350-million sales

Growers

Turf,

Home,

Garden

Agrium

Wholesale:

\$4.7-billion sales

Nitrogen, Potash,

Phosphate & Sulphate

Distribution

& Storage

Industrial

Customers

Retail Customers

Purchase for Resale

Potash expansion

CMF distribution

MOPCO investment

Royster, ConAgra,

ADM retail, and

UAP

Hanfeng, Pursell,

NuGro, ESN

CF Acquisition

Agrium s Growth Across the Value Chain

Invested approximately \$3.4B in past 5 years and achieved synergies greater than announced

Agrium has completed 9 acquisitions in 4 years and other growth initiatives across the value chain

Strong Record of Growth & Successful

Integration of Acquisitions

(1) 2008 Combined results include full year revenue for AGU and UAP by segment

0

3,000

6,000

9,000

12,000

15,000

18,000

AGU

CF

AGU with

Royster

CF

AGU

CF

AGU with

UAP

CF

AGU with

UAP and

CF

CF

2005

2006

2007

Wholesale

AAT

Retail

2008

Combined

2008

(1)

(1)

Expanded base business

6

25%

29%

17%

26%

Retail

Potash

Phosphate

Nitrogen

3%

Advanced

Technologies

2008 EBITDA by Business Unit & Product

2%

PFR and Other 1%

Fundamentals of Growth 7 Largest North American Agricultural Retailer

UAP acquisition boosts net sales to over \$5-billion

Well balanced portfolio of seed, fertilizer, crop protection products, and application services

\$560-million 2008 EBITDA

Over 800 North American retail centers 40% Crop Nutrients

Crop

Protection

Seed

5%

2008 Agrium Retail Gross Profit*

44%

*Includes UAP contributions from May 2008

Other

Application

3%

8%

Addition of approximately 380 locations nearly doubles Agrium s retail business

Increases geographic presence in key U.S. plains area as well as Texas and Florida

Further geographic, crop and product diversity

Decreases exposure
to regional weather
patterns
Agrium Retail Locations
UAP Retail Locations
States with significant expansion to Agrium s retail footprint
wheat and potatoes
fruits and
vegetables
corn
soybeans
cotton
wheat

UAP Acquisition Expands Diversity & Scale

Anticipate annual synergies of approximately \$115-million, phased realization:

- ~ \$80-million in 2009
- \sim \$115-million in 2010 and beyond

Synergies achieved through

Benefit from UAP s expertise on crop protection procurement

Procurement of crop nutrients and combining seed business

Significantly expand private label crop protection lines at Agrium

Reduction in SG&A expenses *Based on expected UAP 2008 calendar year EBITDA Significant UAP Synergies

10

- 1) Last 12 month EBITDA from UAP as of February 24, 2008 as disclosed in UAP $\,$ s public disclosure documents
- 2) Compounded Annual Growth Rate was accomplished without an increase in the number of retail centers between 1999 and 2005
- * 2001 excludes negative impact of the Argentine currency devaluation,
- \ast 2002 excludes an estimate of one-time benefit of Argentine currency devaluation of US\$15-million

Retail EBITDA

(US\$ millions)

\$0

\$100

\$200

\$300

\$400

\$500

\$600

1999

2000

2001*

2002*

2003

2004

2001

2005

2006

2007

2008

Base business

2007

Royster

Synergies

Combined

(1)

UAP

base business

Future expected

UAP synergies

Agrium s Retail Transformation

Leader in environmentally friendly specialty products,

broad mix of products marketed to: Turf, Ornamental, Greenhouse, High Value Specialty Crops, Lawn and Garden High and stable margins on controlled release products **ESN®** is Agrium s patented controlled-release product for major crops, capacity expansion to 160,000 tonnes Equity position (19.6%) in Hanfeng (HF.TO), a leading producer of value-added fertilizer in China, provides Agrium with: geographic & product diversity window into China opportunity to participate in future joint ventures in China Advanced Technologies

Fundamentals of Growth 12 Wholesale Advantages Potash (K) Nitrogen (N) Phosphate (P) Purchase for

Resale (PFR)

2.1 mmt low cost production capacity

Diverse global/NA customer base

Over 5.0 mmt production capacity

-

Natural gas and in-market advantages

Diversified global production assets

Over 1.0 mmt production capacity

Two integrated facilities with in-market and cost advantages

Optimizes our extensive distribution and marketing capabilities

CMF acquisition enhances annual PFR volumes by 2.5 mmt

Potash Capacity of 2.1 mmt

Market Advantages

Market internationally through Canpotex

Strong margins

Cost Advantages

Low-cost production Potash Facility

Potash Markets

% Sales*

NA sales 54% International 46%

*2-Year Average Sales Volumes Internationally Competitive Potash

14

Agrium Wholesale Production and

Distribution

Potash

Production

Phosphate Mine

Phosphate

Production

Nitrogen Production

Granulation

Production

Storage

Magellan Pipeline

South America

Africa/Middle East

North America

* Profertil S.A. is 50 percent owned by Agrium Inc. and 50 percent owned by

Repsol

YPF, S.A. in Argentina

** 26 percent interest in MISR Oil Processing Company, S.A.E. (MOPCO) in Egypt.

*** 70 percent equity position in Common Market Fertilizers S.A. (CMF) in Europe.

Damietta

Egypt

(MOPCO)**

Bahia Blanca,

Argentina

(Profertil S.A.) *

San Nicolas

Import Terminal

(Profertil S.A.)*

Agrium

Europe

Common Market Fertilizers S.A.

(CMF)***

15

Agrium and CF Production and Distribution

Potash

Production

Phosphate Mine

Phosphate

Production

Nitrogen Production

Granulation

Production

Storage

Magellan Pipeline

Phosphate Mine

Phosphate

Production

Nitrogen Production

Storage

Valero Pipeline

South America

Africa/Middle East

North America

Damietta

Egypt

(MOPCO)**

Bahia Blanca,

Argentina

(Profertil S.A.) *

San Nicolas

Import Terminal

(Profertil S.A.)*

Agrium

CF

Europe

Common Market Fertilizers S.A.

(CMF)***

* Profertil S.A. is 50 percent owned by Agrium Inc. and 50 percent owned by Repsol YPF, S.A. in Argentina

** 26 percent interest in MISR Oil Processing Company, S.A.E. (MOPCO) in Egypt.

*** 70 percent equity position in Common Market Fertilizers S.A. (CMF) in Europe.

Fundamentals of Growth 16 Our Offer For CF Industries

Fundamentals of Growth 17 Our Offer for CF

We are determined to acquire CF, creating significant value for both CF and Agrium stockholders

Our \$85.20 offer for CF is a 55% premium to their unaffected stock price, adjusting for net cash, well above precedent transactions since credit crisis

Cash or stock election provides opportunity to receive 24% ownership in Agrium s broader, more balanced portfolio of products and reinvest significant cash portion

Our bid provides far superior value for CF stockholders compared with any alternative articulated by CF, including remaining independent or paying a premium for Terra

18

Estimated CF Unaffected Stock Price of

Approximately \$61

CF Share Price Less Net Cash Per Share

1

CF Net Cash on Balance Sheet as of 31-Dec-2008 was \$12.38 per fully diluted share. CF s Net Cash on Balance Sheet as of 3 diluted

share.

The

implied

Cash

generation

over

```
the
quarter
of
$4.26
is
embedded
in
the
operating
asset
value
growth
Cash
generation
potential
is
embedded
in stock price appreciation.
Based on peer group of Mosaic, Potash Corp, Intrepid Potash, Israel Chemicals, K+S, and Yara.
CF had $12.38 per share in net
cash on January 15th
This cash is worth no more
today than it was in January
The peer group price increase
of 39% since January 15th is
affected by M&A activity,
influencing the market s
perception of the value of
fertilizer operating assets
Growing CF s operating asset
value per share by 39% and
adding back net cash per
share results in an implied CF
unaffected share price of
$60.88
$
0
$
10
$
20
$
```

30 \$

40 \$ 50 \$ 60 \$ CF Share Price on 15-Jan, 1-Day Prior to Terra Offer CF Implied Current Unaffected Price: Operating Asset Value Grown at Peer Group Price Performance Implied Operating Asset Value Per Share CF Net Cash Per Fully Diluted Share \$ 47.23 \$ 60.88 29 % 39 % Peer Group Price Increase Since 15-Jan Implied Unaffected CF Price Performance \$16.64 of Net Cash Today1

2

```
Fundamentals of Growth
19
55% Premium to Cash-Adjusted CF
Unaffected Stock Price
1
Based on mixed consideration of Agrium s offer as of 8-May-2008.
$
0
$
10
$
20
$
30
$
```

40 \$ 50 \$ 60 \$ 70 \$ 80 \$ 90 Unaffected CF Stock Agrium Offer Implied Operating Asset Value Per Share CF Net Cash Per Fully Diluted Share \$ 60.88 \$ 85.20 40 % 55 % Implied Cash-Adjusted Premium Today Implied Stock Price Premium

1

5.3x vs. 3.9x 2010E EBITDA

(1)

using CF s

unaffected share price adjusted to exclude the effects of Agrium s offer

Agrium has traded on average 53% higher EV/LTM EBITDA than CF since its IPO (8.7x compared to 5.7x)

(2)

due to Agrium s superior diversification across products, businesses and

regions

Agrium's revised offer implies a higher transaction multiple for CF than Agrium s current trading multiple

(1)

(1)

Bloomberg consensus 2010 EBITDA estimates; Agrium s EV/EBITDA multiple is 5.1X

(2)

Capital IQ

(3)

\$40.00 cash, one Agrium share using the closing price of \$45.20 on May 8, 2009

(4)

CF actual share price at Jan 15 of \$47.23 less net cash of \$12.38 per CF share, grown at 39% to May 8, consistent with Global Fertilizer Peers (Yara, Mosaic, Potash, Intrepid, ICL and K+S; ICL and K+S converted to US\$ at daily exchange rates) over same period, plus original net cash of \$12.38 per CF share

Valuation should be considered in context of expected performance

Trailing EBITDA multiples irrelevant given short-lived spike in commodity prices in 2008

Precedent transactions need to be analyzed in context of the market environment Agrium / CF vs. CF / Terra

\$85.20

\$27.63

3.9x

5.3x

Current Offer

Current Unaffected Offer

Agrium / CF

Compelling Valuation

CF / Terra

(4)

(3)

Agrium s revised offer provides a 36% greater EBITDA multiple for CF than CF is offering for Terra

(1)

Fundamentals of Growth 21 Conclusion

We are determined to acquire CF

We have raised our offer twice, to a premium of 55%

Our bid provides far superior value for CF stockholders compared with any alternative articulated by CF

Assertions that we are not serious are not credible

Current arb

spread reflects concern that CF s Board will continue standoff and not engage

CF stockholders need to deliver a strong message to CF's Board that they want CF to engage and negotiate with Agrium

Fundamentals of Growth The Future is Promising

Fundamentals of Growth 23 76% Agrium and 24% CF Pro Forma Ownership:

\$40.00 in cash and 1 Agrium share

Aggregate consideration of \$2.0 billion cash

and 50.2 million shares
CF shareholders may elect mixed consideration, or cash or shares, subject to proration Consideration: Committed debt facilities from Royal Bank of Canada and The Bank of Nova Scotia Financing:
Negotiation of definitive merger agreement
CF offer for Terra terminated
Receipt of regulatory and other customary approvals
Absence of any material adverse changes to CF or its business
Our ability to conduct limited confirmatory due diligence Key Conditions:
53% to CF closing price on February 24 and 55% to cash-adjusted premium to CF s Unaffected Stock Price1 (based on mixed consideration and \$45.20 Agrium share price on May 8)
Coch commonant increase of \$2.20 or 260 over Acrism clinitial each

Cash component increase of \$8.30, or 26% over Agrium s initial cash

component
Premium:
Agrium to combine with CF in a cash and stock deal
Offer:
Summary of Revised Offer for CF
See
previous
slides
for
methodology
used
for
estimating
CF s
unaffected
stock
price
1

24

Creates a Global Nitrogen Leader

6.7

6.4

3.4

3.4

3.4

3.0

2.3

0.0

1.0

2.0

3.0

4.0

5.0

6.0

7.0

8.0

Yara

Combined

Agrium/CF

PCS

Terra

Agrium CF

Koch

Global Nitrogen Nutrient Capacity Source: British Sulphur and IFDC

25

0

50

100

150

200

250

300

W. Canada

NOLA (US Gulf)

Ukraine

W. Europe

Natural Gas

Other Cash Costs

Freight to Port Ocean Freight

Attractive Economics for North American Producers

Source: Fertecon, British Sulphur, Agrium

Lower gas prices in NA and higher prices elsewhere, combined with firm nitrogen demand, result in strong NA nitrogen margins

NOLA Granular Price = \$265/MT

\$7/

MMBtu*

\$6/

MMBtu

\$4/

MMBtu

\$3/

MMBtu

^{*} There have been press reports that Ukraine gas price may be reduced by 20% in the future, which would put their gas costs slightly below W. Europe but delivered cost of product would remain over \$200/mt

1,000

May-

Sep-

05

Jan-

06

May-

06

Sep-

06

Jan-

07

May-

07

Sep-

07

Jan-

08

May-

08

Sep-

08

Jan-

09

May-

09

Black Sea

NOLA

Pacific Northwest

Benchmark Prices: Urea

Source: Blue, Johnson & Associates, The Market, Green Markets

27

Phosphate Advantages

4,307

2,370

1,673

953

775

720

376

0

500

1,000

1,500

2,000

2,500

3,000

3,500

4,000

4,500

5,000

3,000

Mosaic

PCS

Combined

Agrium/CF

CF

J.R. Simplot

Co.

Agrium

Mississippi

Phos Corp.

North American Phosphate Nutrient Capacity

Source: IFDC Worldwide Phosphoric Acid Capacity Listing by Plant, June 2008

1,000

1,100

1,200

1,300

1,400

May-

05

Sep-

05

Jan-

06

May-

06

Sep-

06

Jan-07

May-

07

Sep-

07

Jan-

08

May-

08

Sep-

08

Jan-

09

May-

09

Central Florida

PNW

Benchmark Prices: Phosphate

Source: Blue, Johnson & Associates, Green Markets

1,000

May-

Sep-

05

Jan-

06

May-

06

Sep-

06

Jan-

07

May-

07

Sep-

07

Jan-

08

May-

08

Sep-

08

Jan-

09

May-

09

Sask

Midwest

Vancouver

Benchmark Prices: Potash

Source: Green Markets, Blue, Johnson & Associates, Agrium

30

(1)

Based on value of mixed consideration and Agrium share price of \$45.20 as of May 8

Based on CF cash and short-term investments of \$839 million less debt of \$3.9 million, or \$16.64 per CF share as of Mar 31, 2009

CF actual share price at Jan 15 of \$47.23 less net cash of \$12.38 per CF share, grown at 39% to

May

8,

consistent

with

Global

Fertilizer Peers (Yara, Mosaic, Potash, Intrepid, **ICL** and K+S; ICL and K+S converted to US\$ at daily exchange rates) over same period, plus net cash of \$12.38 per CF share Premiums (1) \$85.20 Current offer Cash Adjusted Premiums (1,2)(3) (3) \$68.56 (\$85.20, less \$16.64 net cash per CF share) Significant Premium to CF Stockholders 55% 76% 102% 40% 53% 68% \$33.95 \$38.94 \$44.23 30-Day VWAP 2/24 CF Price **Unaffected Price** \$50.60 \$55.58 \$60.88 30-Day VWAP 2/24 CF Price **Unaffected Price**

1,000

1,200

\$1,400

1,000 1,200 \$1,400 CF EBITDA DAP Urea CF s reliance on short-lived peak 2008 nitrogen and phosphate prices for current and future valuations is unrealistic and irrelevant Current nitrogen and phosphate prices are NOT at the bottom of the cycle A return to cyclical commodity lows as seen pre-2004 would yield substantially lower EBITDA for CF (4) Current Nutrient Pricing Above Historical Averages (1) Average 1998 -2007 (2) Green Markets, NOLA Urea Green Markets, Central Florida DAP (4) CF annual EBITDA per CF s filings Current 10yr Average (1) Nitrogen (2) Price \$264 \$200 Phosphate (3) Price \$336

\$210

Anticipate annual synergies of approximately \$150 million from Agrium/CF combination, phased in over three years Consolidation of the sales, marketing and distribution systems by

utilizing Agrium s and CF s combined broad distribution network to reduce logistic costs

reduce total product miles shipped and optimize railcar lease costs

leverage underutilized distribution facilities Sales, Marketing and Distribution

Description

Source

Realization of cost savings associated with

enhanced economies of scale in purchase/procurement of products and services

optimization of plant turnarounds and operating costs

reduction of duplication in product inventory and associated carrying costs

catalyst and spare parts inventory pooling

enhanced efficiencies in future capital expenditures Procurement of Plant Materials, Equipment and Logistics Services

Eliminating corporate functions and overhead reductions (e.g. headquarter consolidation) and utilizing SG&A excess capacity SG&A Costs
Significant Synergies from
Combination of Agrium and CF

33

Source: Bloomberg. Daily trading values have been rebased to CF stock price on 15-Jan-09 (date of CF proposal for Terra)

AGU Current Proposal for CF: one AGU share plus \$40 in cash based on AGU closing price on May 8, 2009.

Global Fertilizer peer group performance based on USD equivalent stock price movement since Jan 15, 2009 of Mosaic, Potash Corp, Intrepid Potash, Israel Chemicals, K+S, and Yara.

Market trading data as of May 8, 2009.

AGU Proposal at a Significant Premium

to Historical CF Trading Values