Filed by Agrium Inc.
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Pursuant to Rule 425 under the Securities Act of 1933

Subject Company:

CF Industries Holdings, Inc.

Fundamentals of Growth Agrium: Revised Offer for CF November 9, 2009

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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.

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

public

sources.

While

Agrium

has

no

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 GR
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 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
<u>-</u>
prices, the
supply,
demand
and
price
level for our major products, gas prices and gas availability, operating rates and production costs, domestic fertilizer consumpt
changes in government policy in key agriculture markets, including the application of price controls and tariffs on fertilizers ar
subsidies or changes in their amounts, changes in development plans, construction progress, political risks, including civil unre
armed
groups
or 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 - Nicotion
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 securities laws or applicable Canadian securities.
legislation.
These
forward-looking
statements
are
based
on contain
certain
assumptions
and analyses
analyses
made by
by
us in
light of
our
experience
and
perception
of
historical
trends,
current
conditions
and
expected
future
developments
as
well
as
other
factors
we
believe
are
appropriate
in
the

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.

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Agenda

Introduction

Governance

Standalone Value of CF

Premiums Analysis

Conclusion

Appendix

Transaction Valuation

Fundamentals of Growth 5 Introduction Governance Transaction Valuation Premiums Analysis Conclusion Appendix Standalone Value of CF

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Agrium remains committed and will consider all options, including nominating a slate of directors to the CF board and litigation, if a resounding majority tender to our offer and CF refuses to act Summary of Key Arguments

CF should support its stockholders receiving a premium vs. pursuing a transaction that is dilutive to value

Agrium s offer represents a 101% premium to CF s Jan 15 share price and a 71% premium to CF s Feb 24 share price

Fertilizer peers are up only 45% and 35% since Jan 15 and Feb 24, respectively

CF stockholders stand to lose substantial value if CF acquires Terra

CF stockholders have far greater upside potential with Agrium offer

CF disregarding stockholder interests

Clear stockholder mandate: CF told RiskMetrics they would engage, but haven t

Evolution of Terra offer has been repeatedly designed to circumvent a CF stockholder vote

CF board should exercise good corporate governance and allow its stockholders a voice on Agrium s offer

CF stockholders must send a clear message to the CF board and tender into this offer at this price

Agrium has made an unambiguous offer to preclude misinterpretation by CF

7

Evolution of Situation

Source: Bloomberg. Market trading data as of Nov 6. Daily trading values have been rebased to CF stock price on Jan 15 (date

Represents Agrium current proposal for CF over time: one Agrium share plus \$45 cash per CF share based on Agrium historic (2)

Based on illustrative peer group of Mosaic, Potash Corp, Intrepid Potash, Israel Chemicals, K+S, and Yara. Performance of this peer group based on USD equivalent stock price movement since Jan 15.

(3)

CF unaffected price of \$68.33 based on illustrative peer group of Mosaic, Potash Corp, Intrepid Potash, Israel Chemicals, K+S, and Yara. Peer group performance based on USD equivalent stock price movement since base dates. Percentage moves applied to CF s operating asset value per share on respective base dates, using net cash

at

Dec

31,

2008.

Results

then

adjusted

back

for

net

cash

at

Sep

30,

including

CF s

toehold

in

Terra,

valued

at a \$29 estimated unaffected stock price for Terra per CF s Nov 4 Investor Presentation.

Our offer represents a 101% premium to CF s Jan 15 price of \$47.23 and a 71% premium to the Feb 24 price of \$55.58

Stockholders will have the opportunity to participate in the upside to the commodity cycle by electing to receive Agrium shares

Peers are up 45% since Jan 15 and 35% since Feb 24

Excess CF returns attributable to Agrium s offer for CF

Offer is at a 39% premium to unaffected

(3)

40

50

60

70

80

90

100

\$110

Jan 1

Jan 31

Mar 2

Apr 1

May 1

May 31

Jun 30

Jul 30

Aug 29

Sep 28

Oct 28

Jan 15

CF announces acquisition

proposal for Terra

Current

Proposal(1):

\$95.11

CF: \$79.05

67% since

Jan 15

Global

Fertilizer

Peers(2): 45%

since Jan 15

Feb 25

Agrium announces

acquisition proposal

for CF

8

6.6x multiple of 2010E Owned

EBITDA

(1)

Multiples:

76% Agrium and 24% CF

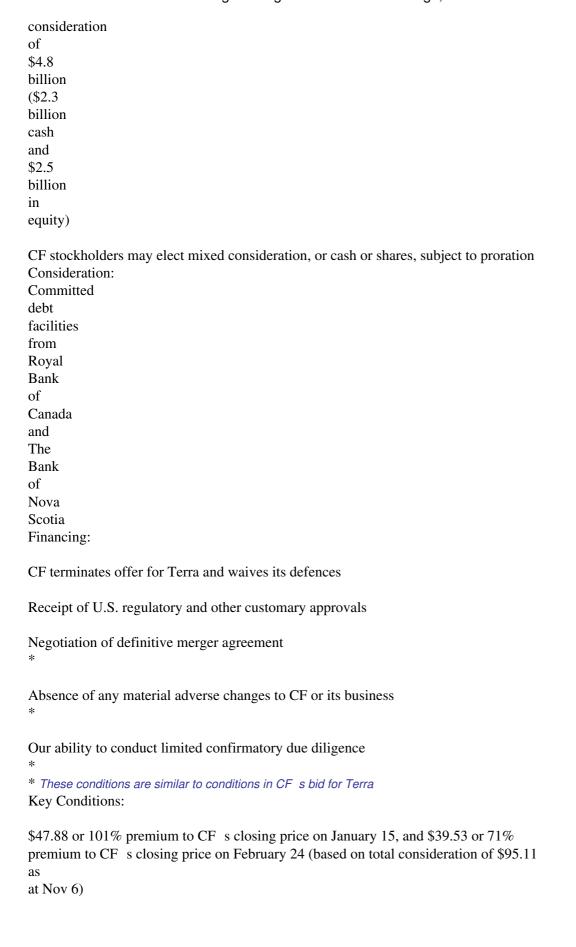
Pro Forma Ownership:

\$45

in cash and 1

Agrium share per CF share (total consideration of \$95.11 as at Nov 6)

Aggregate



An increase of \$23.11 or 32% over Agrium s initial offer of \$72.00 Premium: Agrium to combine with CF in a cash and stock deal Offer: Summary of Revised Offer for CF (1) Represents consensus estimated owned **EBITDA** (consolidated **EBITDA** adjusted to reflect leakage

minority interest and addition of equity investment income). Assumes transaction expenses of \$100 million.

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Standalone Value of CF

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CF Earnings Fundamentals vs.

Share Price Performance

In 2007, earnings outlook for 2008 was strong, given the then-positive pricing outlook

Acquisitions are based on forward price expectations, not trailing prices Source: CF filings and Bloomberg, market data as of Nov 6.

(1)

Proportional

EBITDA

based

on

consensus

```
owned
EBITDA
(consolidated
EBITDA
adjusted
to
reflect
leakage
of
minority
interest
and
addition
equity
investment
income).
(2)
Represents owned
EBITDA (consolidated EBITDA less minority interest plus equity investments). EBITDA attributable to minority interest par
filings ($55 million and $117 million, for 2007A and 2008A respectively) adjusted for D&A, estimated as a portion of total D&A
CF unaffected price of $68.33 based on illustrative peer group of Mosaic, Potash Corp, Intrepid Potash, Israel
Chemicals, K+S, and Yara. Peer group performance based on USD equivalent stock price movement since base
dates. Percentage moves applied to CF s operating asset value per share on respective base dates, using net cash
at Dec 31, 2008. Results then adjusted back for net cash at Sep 30, including CF s toehold in Terra, valued
at a $29 estimated unaffected stock price for Terra per CF s Nov 4 Investor Presentation.
500
1,000
$1500
Jan 3, 2007:
$26.46
2007A: $622mm EBITDA (1)
CF Earnings Forecast (2008E):
May 29, 2007: $42.42
2008A: $1,127mm EBITDA (1)
2008 Avg
Share
Price: $110.91
2009E: $717mm EBITDA (2)
CF Earnings Forecast (2010E):
Nov 6: $79.05 (Nominal)
Current Agrium Offer:
$95.11
Nov 6: $68.33
(Unaffected) (3)
0
60
120
$180
```

Jun 17, 2008: \$169.62

2007 2008 2009

2007 Avg Share

Price: \$57.94

11

87%

68%

64%

55%

54%

14%

24%

26%

(15%)

112%

(14%)

-20%

0%

20% 40% 60% 80% 100% 120% Potash Corp K&S Yara Intrepid Agrium Israel Chemical Mosaic Terra Consensus Terra 'Owned' CF Consensus CF 'Owned' (1) Bloomberg consensus EBITDA, calendarized. Peer average includes Terra consensus only. (3) CF and Terra consensus estimated owned **EBITDA** (consolidated **EBITDA** adjusted to reflect leakage minority interest and addition of equity investment income). CF Only Company Amongst Peers with Lower EBITDA in 2010E vs. 2009E C2009E C2010E **EBITDA** Growth per Bloomberg

Consensus

(1)

Peer Average

(2)

: +60%

(3)

2010E outlook anticipates a healthy rebound for potash, retail and phosphate markets

Nitrogen volume improvement is expected to be muted and higher expected North American gas prices will likely squeeze CF s margins in 2010E

EBITDA

C2009E

\$1,498

\$719

\$909

\$123

\$947

\$1,164

\$2,336

\$416

\$404

\$783

\$717

C2010E

\$3,175

\$1,343

\$1,531

\$203

\$1,465

\$1,799

\$2,663

\$516

\$509

\$674

\$612

(3)

12

Nitrogen and phosphate prices have declined approximately 14% and 13%, respectively

(1)

, since the day before our offer (February 24)

CF is experiencing reduced Forward Pricing Program (FPP) sales (many such FPP sales booked in 2008) which, along with \$85 million in gas hedging gains, inflated CF s year-to-date results

CF s customers recognize the economic shift occurring in the market and are no longer willing to buy under CF s FPP

CF conference call: We continue to offer products through the FPP at prices that reflect our future expectation for nitrogen prices and margins, but we haven't found much recent customer interest in committing at those prices. (2) Recent Market Factors Impacting CF Past and Future Commodity Prices Significant rise in input costs Potential CF Nitrogen Margin Compression Flat-to-modestly increasing revenue from commodity price appreciation (1) Source: Green Markets. Nitrogen prices based on NOLA Urea. Phosphate prices based on Tampa Florida DAP. (2) S. Wilson, Q3 2009 Earnings Conference Call, Oct 27. Henry Hub Natural Gas per Bloomberg. Nymex gas price forward strip. (4) Historical NOLA Urea per Green Markets. Forecast per Fertecon. Historical Central Florida DAP per Green Markets. Forecast per Blue, Johnson & Associates. June Present 2010E Natural Gas (US\$/MMBtu) (3) \$3.92 \$4.59 \$6.24 % change 17% 36% Urea (\$/short ton) (4) \$240 \$262 \$318 % change 9%

21%

DAP (\$/short ton)

(5)

\$249

\$273

\$274

% change 9%

1%

13

82.50

74.48

116.01

55.48

33.90

50.14

11.36

32.26

79.05

57.56

96.25

27.15

50.35

33.80 11.98 50.11 95.11 Israel Chemicals Agrium Yara Mosaic Intrepid Potash Corp K+S CF Jun 12 Closing Price **Current Stock Price** Current AGU Offer Peer Average Price Increase: (9)% % Change 5% (0)%(0)%(9)%(16)% (17)% (23)% (4)%Source: Bloomberg. Current market data as of Nov 6. (1) All stock prices in USD. Israel Chemicals based on Tel Aviv listing; Jun 12 and Current USD:ILS FX of 0.2536 and 0.2657, respectively. K+S based on Xetra listing; Jun 12 and Current USD:EUR f/x of 1.4016 and 1.4847, respectively. Yara based on **ADR** (USD). All other companies based on **NYSE** listings. Chemical and Fertilizer Peer Price Performance Since June 12 June 12 Closing Price vs.

Current Stock Price

(1)

Fertilizer Peers share prices are down significantly since June 12; the reference date in RiskMetrics June report

14

Estimating CF s Unaffected Stock Price

Following RiskMetrics approach

(1)

, 53% of results point to an unaffected price in the \$66 to \$70 range, using base reference dates from December 31, 2008 to February 24, 2009

Consistent with 9% decline of peers from June to current, applied to RiskMetrics June unaffected price assessment of \$74

Source: Bloomberg, company filings; Current market data as of Nov 6.

(1)

CF unaffected price based on illustrative peer group of Mosaic, Potash Corp, Intrepid Potash, Israel Chemicals, K+S, and Yara. Peer group performance based on USD equivalent stock price movement since base dates. Percentage moves applied to CF s operating asset value per share on respective base dates, using net cash at Dec 31, 2008. Results then adjusted back for net cash at Sep 30, including CF s toehold in Terra, valued at a \$29 estimated unaffected stock price for Terra per CF s Nov 4 Investor Presentation. 5% 3% 8% 18% 28% 25% 13% 0 2 4 6 8 10 12 \$62.00 to \$64.00 \$64.00 to \$66.00 \$66.00 to \$68.00 \$68.00 to \$70.00 \$70.00 to \$72.00 \$72.00 to

\$74.00

\$74.00 to
\$76.00
\$76.00 to
\$78.00
CF Unaffected Price - Base Date Range from Dec 31, 2008 to Feb 24, 2009
0%
5%
10%
15%
20%
25%
30%

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Fundamentals of Growth

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Agrium and Terra have historically traded

at a premium to CF

Source: Capital IQ, IBES.

Note: Forward Consolidated EBITDA Multiple based on IBES median EBITDA forecasts where the Forward Multiple refers to the following calendar year forecast period.

(1)

Enterprise value calculated on a consolidated basis.

(2)

CF EBITDA estimates not available prior to Oct 20, 2005.

(3)

Forward

consensus

estimated

owned
EBITDA
(consolidated
EBITDA
adjusted
to
reflect
leakage
of
minority
interests
and
addition
of
equity
investment
income).
Ratio
of
owned
EBITDA
to
consolidated
EBITDA
per
analyst
research
reports, used as proxy for minority interests and addition of equity investment income, which is used to adjust
consolidated EBITDA. Enterprise values exclude minority interests.
Estimated Average Forward
Owned EDUTDA Multiples
EBITDA Multiples
(3)
to 15-Jan-2009
Average Forward Consensus
EBITDA Multiples
(1)
to 15-Jan-2009
4.2 x
5.6 x
5.4 x
CF
4.5 x
5.9 x
5.7 x
CF
TRA
AGU
4.5 x
5.4 x

Last 12 Months 6.4 x 6.9 x Last 3 Years 6.3 x 6.8 x Since CF IPO

(Aug-05)

(2)

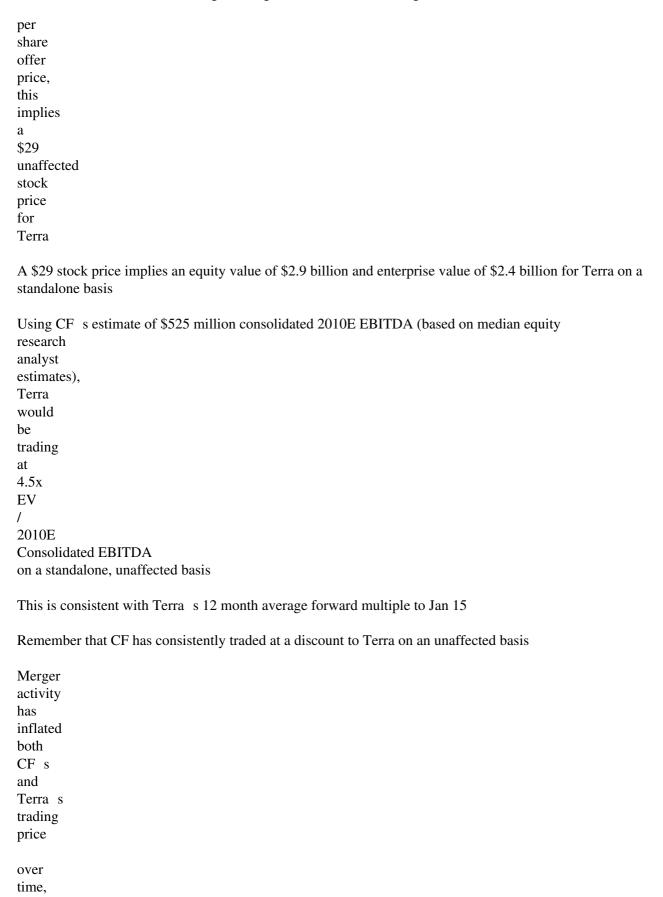
Markets have historically ascribed a premium to Agrium given its operational diversity and competitive advantages

Fundamentals of Growth 17 CF s Own Analysis Highlights Risk of Diluting Stockholder Value

CF states that its current proposal for Terra represents a 40% premium to Terra s estimated unaffected stock price (1)

At a \$40

\$40.61



stock price will likely revert back to unaffected levels. If CF were successful in acquiring Terra, the value of the combined entity would be equal to the standalone value of CF and Terra plus synergies CF s offer for Terra implies an enterprise value of \$3.5 billion \$1.1 billion more than CF s estimate of Terra s standalone unaffected value Giving full credit for estimated synergies of \$120 million (mid-point of CF s estimate \$105 million to \$135 million, without risk adjustment), represents \$0.5 billion, capitalized at Terra s forward trading multiple of 4.5x Net of potential synergies, CF

has proposed to pay \$0.7 billion more than CF s estimate of what Terra is worth in the public markets more than \$11 per share of CF

CF Nov 4 Investor Presentation. Stock prices as at Oct 30.

stockholder value is

being lost (1)

Fundamentals of Growth 18 Sensitivity Analysis: Net Value Leakage Per Share @ Various Synergy Estimates and Valuation Multiples Estimated Annual Synergies to be Capitalized (\$mm) \$ 11.54 \$ 50 \$ 105 \$ 120 \$

```
135
4.2
\mathbf{X}
$
17.12
13.23
12.17
11.11
4.4
16.98
12.96
11.86
10.76
4.5
16.85
12.68
11.54
10.40
5.0
\mathbf{X}
16.44
11.82
10.56
9.30
CF s Own Analysis Highlights Risk of
Reducing Stockholder Value
```

The premium CF is proposing to pay for Terra is significantly greater than the value of capitalized synergies,

thereby diluting implied trading

price

(1)

Per CF s estimate of Terra s unaffected share price per Nov 4 Investor Presentation.

(2)

Fully diluted shares calculated per treatment in CF s Nov 4 Investor Presentation. Reflects 98.8mm basic shares, 0.9mm unvested and phantom shares and conversion of preferred into 0.2mm common shares.

(3)

TRA net cash of \$557mm as at Q3 2009 is pro forma for \$600mm 2019 notes issuance and \$381mm repayment of 2017 notes including tender premiums (\$600mm debt, \$1,198mm of cash and \$41mm customer advances).

(4)

Consolidated 2010E EBITDA estimate per CF s Nov 4 Investor Presentation, based on median equity research analyst estimates.

(5)

Midpoint of CF synergy estimates of \$105mm to \$135mm per CF s Nov 4 Investor Presentation.

```
(6)
Estimated deal expenses of $100mm combined for CF and Terra.
Based on 59.5mm pro forma shares (49.8mm CF diluted shares per CF Nov 4 Investor Presentation, plus shares issued to Terra
CF s offer
to acquire
Terra could
result in
$9 to $17
per share
of value
dilution
Source: Latest Terra public filings and CF s Nov 4 Investor Presentation, Market data as of Nov 6.
Illustrative Estimated Value Destruction
Standalone
Terra
Valuation
CF Estimation of TRA Unaffected Stock Price (1)
29.00
Implied Terra Market Cap (100.9 mm shares) (2)
2,927
Net Debt (Cash) (3)
(557)
Terra Standalone Enterprise Value (A)
$
2,370
Implied EV / 2010E Consolidated EBITDA ($525mm) (4)
4.5
\mathbf{X}
Value
of
CF's
Offer
for
Terra
Terra Offer Price (Based on At-Market CF)
$
40.17
Implied Terra Equity Value (100.9 mm shares) (2)
4,055
Net Debt (Cash) (3)
(557)
Value of CF's Offer for Terra (B)
$
3,498
Implied EV / 2010E Consolidated EBITDA ($525mm) (4)
6.7
X
```

Implied

```
Enterprise
Value
Premium
(C
=
В
A)
$
1,128
Estimated Annual Synergies (5)
$
120
Capitalized Value of Synergies (@ 4.5x) (D)
$
542
Estimated Deal Expenses (6) (E)
$
100
Net
Value
Leakage
(C
```

