argon laboratories

28 July 2009

Jeff Schultz ConAgra Foods Inc. 554 S. Yosemite Ave Oakdale, CA 95361

RE: ConAgra Aerated Pond Project Data

Enclosed are the results for sample(s) received on 07/15/09 15:40 by Argon Laboratories. The sample(s) were analyzed according to instructions in accompanying chain-of-custody. Results are summarized on the following pages.

Please see quality control report for a summary of QC data pertaining to this project.

The sample(s) will be stored for 30 days after completion of analysis, then disposed of in accordance with State and Federal regulations. Sample(s) may be archived by prior arrangement.

Thank you for the opportunity to service the needs of your company.

Sincerely,

Hiram Cueto Lab Manager

| (Print) | Reinquishly Dyn (Signature) | I trume (Pint) | Relinshifted By: (Signature) | 12 CAMIT Thuyon | 196114 Scarce -861 3PM | 10/11/2 HIWIT -941 din | 多年十一多年の一の日の | WHITE BOTH OF BE | 90175-CAMITA/140 | 10/11/18 Sp. 10x 5-11/1/10 | 11 1 Japan 5 - 5th de | 10/1/2 +1 WHO- 24 dM | 10/11/2 SMIC -21/901 | WP 172 Studen +/14/09 | 100/11/2 +1MJ-141 JM | | 1/1/P 1/0-3/14/- 1/11/00 | MP 1-CHMIT TAILOU | 11 - Spile - 1/4/100 | 00114- +1417-231 da | 60 11/4 SAIDY-CX 21. | Sample Identification Number Date Time | 8 | Sample (Signature) (Print) | e e | Project No. Project Name: |
|-----------------|-----------------------------|-------------------------|------------------------------|-----------------|------------------------|------------------------|-------------|------------------|------------------|----------------------------|-----------------------|----------------------|----------------------|-----------------------|----------------------|--------|--------------------------|-------------------------|---|-------------------------------------|--|---|---------|----------------------------|---|---------------------------|
| Company DEVELLE | 7/15/25 | Donn. | DALOTIMO 7/14/09 | 7 | X · | X | | × | X | × | × | × | * | × | × | * | * | | * | × | × | Sanitaineos Marier Marier Marier Marier | 10,'01 | Tour ic | ConAgra Aerated Pond Soil Sampling | Name: |
| | 95.51 | Environmenta | 17:33 | | XX | × | * | * * | × | * | * | × | * | ** | × | 7 * | | × | * * | → | *** | Isturius A - | Package | Metals (ag me | 200 東京 100 mm | P |
| | Received By: | 197 | Received By: | | | | | | | | | | | | | | | | | | | | | 2 | 小小小小小小小小小小小小小小小小小小小小小小小小小小小小小小小小小小小小小 | Parameters |
| (Print) | (Signature) | - JOH SCHUMKHEN (Print) | (Suprature) | | | | | | | | | | | | | | Quote JM062209DN | TDS, Chloride, FDS, TKN | **Na%, Moisture, TOC, Total N, Buffer pH, | Mg, Na, SAR, Av. P, Ex.K, B, Zn, Mn | * CEC,NO3,Carbonate,pH,Soluble-Salts, Ca | Remarks: | 2 | 3 | <preservativ< td=""><td>Page_of</td></preservativ<> | Page_of |
| Company | D//S/39 /5:40 | DENEUE | 07-14-09 5:35 pm | | | | | | | | | 100 SEE | | | | | | | | | а применя прим | | | | | Report To |

Argon Laboratories Sample Receipt Checklist

| Client Name: ConAgra Oakd | ale | Date & Time Received: 07/15/05 15:40 |
|---|----------------------------|--|
| Project Name: Aerated Pond S | Soil Sampling | Client Project Number: 102-19 |
| Received By: H.C. | Matrix: | Water Soil Sludge |
| Sample Carrier: Client 🗸 | Laboratory Fed Ex | UPS Other |
| Argon Labs Project Number: | <u>J907033</u> | |
| Shipper Container in good condition? | e 2 | Samples received in proper containers? Yes V No |
| N/A | Yes 🗸 No 🗌 | Samples received intact? Yes V No |
| Samples received under refrigeration? | Yes 🗸 No 🗌 | Sufficient sample volume for requested tests? Yes No |
| Chain of custody present? | Yes 🗸 No 🗆 | Samples received within holding time? Yes No |
| Chain of Custody signed by all parties? | Yes 🗸 No 🗌 | Do samples contain proper preservative? |
| Chain of County to the U.S. A. A. | | N/A ✓ Yes No |
| Chain of Custody matches all sample la | | Do VOA vials contain zero headspace? |
| e e esp | Yes 🗸 No 🗌 | (None submitted) Yes No |
| ANY "N | lo" RESPONSE MUST BE DETAI | LED IN THE COMMENTS SECTION BELOW |
| Data Client Contacts d | | |
| Date Client Contacted: | Pers | son Contacted: |
| Contacted By: | Subject: | * |
| Comments: | | |
| | | |
| Ŧ. | | - |
| | | |
| Action Taken: | | |
| e f | | |
| * | 98 | |
| | | 8 |
| | ADDITIONAL TEST(| S) REQUEST / OTHER |
| Contacted By: | | Date: Time: |
| Call Received By: | V | nine |
| Comments: | 2 | |
| 2 8 8 | * | |
| e e | · | |
| | | |
| | 51 | |

@F909 laboratories 2905 Railroad Ave. Ceres, CA 95307 (209)581-9280 Fax (209)581-9282

ConAgra Foods Inc.

554 S. Yosemite Ave Oakdale, CA 95361 Project Number: 102-19

Project Name: ConAgra Aerated Pond

Project Manager: Jeff Schultz

Work Order No.:

J907033

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | it. | v v | Laboratory ID | Matrix | Date Sampled | Date Received |
|----------------|-----|-----|---------------|--------|--|----------------|
| WP 182 -CAM 17 | | | J907033-01 | Soil | 07/14/09 08:00 | |
| WP 181 -CAM 17 | | | J907033-02 | Soil | 07/14/09 08:05 | 07/15/09 15:40 |
| WP 179 -CAM 17 | | 2. | J907033-03 | Soil | ************************************** | 07/15/09 15:40 |
| WP 172 -CAM 17 | | | J907033-04 | Soil | 07/14/09 08:10 | 07/15/09 15:40 |
| VP 175 -CAM 17 | | 9 | J907033-05 | | 07/14/09 08:15 | 07/15/09 15:40 |
| /P 176 -CAM 17 | | | | Soil | 07/14/09 08:20 | 07/15/09 15:40 |
| VP 178 -CAM 17 | | | J907033-06 | Soil | 07/14/09 08:25 | 07/15/09 15:40 |
| | | | J907033-07 | Soil | 07/14/09 08:30 | 07/15/09 15:40 |

@FSOM laboratories 2905 Railroad Ave. Ceres, CA 95307 (209)581-9280 Fax (209)581-9282

ConAgra Foods Inc.

554 S. Yosemite Ave Oakdale, CA 95361 Project Number: 102-19

Project Name: ConAgra Aerated Pond

Project Manager: Jeff Schultz

Work Order No.:

J907033

Metals

| Analyte | Result | Reporting Limit | Units | Dilution | 1 192 | | Analyzed | Method | Note |
|--|---|---|----------------|----------|-------|-------|-----------|-----------|-----------|
| VP 182 -CAM 17 (J907033-01) Soil | Sampled: 14-Jul-09 08:0 | 0 Received: | 15-Jul-09 | 15:40 | | | V.* | | |
| antimony | ND | 2.0 | mg/kg | 1 | | | 23-Jul-09 | EPA 6020A | |
| rsenic | 2.3 | 1.0 | 110 | ** | | | | и | |
| Sarium | 40 | 5.0 | н | n | | | n . | n | |
| Beryllium | ND , | 1.0 | * | n | | | ,, | n | |
| admium | ND | 1.0 | | | | | * | W | |
| Chromium | 14 | 1.0 | | n | | | и . | | |
| Cobalt | 2.0 | 1.0 | | in. | | | ii ii | 12 | |
| Copper | 26 | 2.0 | | | | | | | |
| ead | 2.8 | 1.0 | | | | ¥ | п | | 220 |
| fercury | ND | 0.1 | | • | | | n | , | |
| folybdenum · | ND | 1.0 | THE ST | * | | | | | |
| lickel | 15 | 1.0 | | n | | | | | |
| elenium | ND | 1.0 | n | n | | | | | |
| ilver | ND | 1.0 | | • | | | . 10 | ** | |
| hallium | ND | 1.0 | | | | | | 10 | ±0 20€ |
| anadium | 15 | 1.0 | н : | | | | н | | |
| inc | 43 | | 2 | | | | | | |
| inc | 43 | 5.0 | n | | | | | in . | |
| VP 181 -CAM 17 (J907033-02) Soil | Sampled: 14-Jul-09 08:0 | | " 15-Jul-09 | 15:40 | | | | n | |
| VP 181 -CAM 17 (J907033-02) Soil ntimony | Sampled: 14-Jul-09 08:0 | 5 Received: | mg/kg | 15:40 | | | 23-Jul-09 | EPA 6020A | |
| VP 181 -CAM 17 (J907033-02) Soil ntimony rsenic | Sampled: 14-Jul-09 08:09 ND 1.7 | 2.0 1.0 | mg/kg | | | | 23-Jul-09 | | |
| VP 181 -CAM 17 (J907033-02) Soil ntimony rsenic arium | ND 1.7 39 | 5 Received: | mg/kg | 1 | | | 23-Jul-09 | EPA 6020A | |
| VP 181 -CAM 17 (J907033-02) Soil ntimony rsenic arium eryllium | Sampled: 14-Jul-09 08:09 ND 1.7 | 2.0 1.0 | mg/kg | 1 | | | * # | EPA 6020A | |
| VP 181 -CAM 17 (J907033-02) Soil ntimony rsenic arium | ND 1.7 39 | 2.0 1.0 5.0 | mg/kg | 1 | | | * # | EPA 6020A | |
| VP 181 -CAM 17 (J907033-02) Soil ntimony rsenic arium eryllium | ND 1.7 39 ND | 2.0 1.0 5.0 1.0 | mg/kg | 1 | e 8 | · · · | * # | EPA 6020A | |
| VP 181 -CAM 17 (J907033-02) Soil ntimony rsenic arium eryllium admium | ND 1.7 39 ND ND ND | 2.0 1.0 5.0 1.0 1.0 | mg/kg | 1 | | a v | * # | EPA 6020A | |
| VP 181 -CAM 17 (J907033-02) Soil ntimony rsenic arium eryllium admium thromium | ND 1.7 39 ND ND ND ND 12 | 2.0 1.0 5.0 1.0 1.0 | mg/kg | 1 | | | * # | EPA 6020A | |
| VP 181 -CAM 17 (J907033-02) Soil ntimony rsenic arium eryllium admium thromium obalt | ND 1.7 39 ND ND ND ND 12 2.1 | 2.0 1.0 5.0 1.0 1.0 1.0 | mg/kg | 1 | ž () | | * # | EPA 6020A | |
| vP 181 -CAM 17 (J907033-02) Soil ntimony rsenic arium eryllium admium thromium obalt opper | ND 1.7 39 ND ND ND 12 2.1 | 2.0 1.0 5.0 1.0 1.0 1.0 1.0 2.0 | mg/kg | 1 | | | * # | EPA 6020A | |
| vP 181 -CAM 17 (J907033-02) Soil ntimony rsenic arium eryllium admium thromium obalt opper ead | ND 1.7 39 ND ND ND 12 2.1 24 2.3 | 2.0 1.0 5.0 1.0 1.0 1.0 2.0 | mg/kg | 1 | | | * # | EPA 6020A | |
| vP 181 -CAM 17 (J907033-02) Soil ntimony rsenic arium eryllium admium thromium obalt opper ead fercury | ND 1.7 39 ND ND ND 12 2.1 24 2.3 ND | 2.0 1.0 5.0 1.0 1.0 1.0 2.0 1.0 | mg/kg | 1 | | | * # | EPA 6020A | |
| vP 181 -CAM 17 (J907033-02) Soil ntimony rsenic arium eryllium admium thromium obalt opper ead fercury folybdenum | ND 1.7 39 ND ND ND 12 2.1 24 2.3 ND ND | 2.0 1.0 5.0 1.0 1.0 1.0 2.0 1.0 | mg/kg | 1 | | | * # | EPA 6020A | |
| vP 181 -CAM 17 (J907033-02) Soil ntimony rsenic arium eryllium admium thromium obalt opper ead fercury folybdenum ickel | ND 1.7 39 ND ND 12 2.1 24 2.3 ND | 2.0 1.0 5.0 1.0 1.0 1.0 2.0 1.0 1.0 1.0 | mg/kg | 1 | | | * # | EPA 6020A | |
| vP 181 -CAM 17 (J907033-02) Soil ntimony rsenic arium eryllium admium chromium cobalt copper ead fercury folybdenum ickel elenium | ND 1.7 39 ND 12 2.1 24 2.3 ND ND | 2.0 1.0 5.0 1.0 1.0 1.0 2.0 1.0 0.1 1.0 1.0 | mg/kg | 1 | | | * # | EPA 6020A | |
| vP 181 -CAM 17 (J907033-02) Soil ntimony rsenic arium eryllium admium chromium cobalt copper ead fercury folybdenum ickel elenium ilver | ND 1.7 39 ND 12 2.1 24 2.3 ND | 2.0 1.0 5.0 1.0 1.0 1.0 2.0 1.0 0.1 1.0 1.0 | mg/kg | 1 | | | * # | EPA 6020A | |

Approved By

\rgon Laboratories, Inc. California D.O.H.S. Cert. #2359

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ConAgra Foods Inc.

554 S. Yosemite Ave Oakdale, CA 95361 Project Number: 102-19

Project Name: ConAgra Aerated Pond

Project Manager: Jeff Schultz

Work Order No.:

J907033

Metals

| Analyte | 4 | Result | Reporting Limit | Units | Dilution | a <u>8</u> | | Analyzed | Method | Notes |
|---|--------------------------|---|---|----------------------|---|------------|---|-----------|-----------|----------|
| | I 17 (J907033-03) Soil | Sampled: 14-Jul-09 08:10 | Received: | 15-Jul-09 | 15:40 | | | | i | |
| Antimony | *: | ND | 2.0 | mg/kg | 1 | | | 23-Jul-09 | EPA 6020A | |
| Arsenic | | 1.5 | 1.0 | " | п | ** | | H.: | н | |
| Barium | | 40 | 5.0 | | | | | | | |
| Beryllium | 8 | ND | 1.0 | n | . " | * | | | | |
| Cadmium | | ND | 1.0 | п | п | | | | * | |
| Chromium | | 14 | 1.0 | | n | × | | | | |
| Cobalt | | 2.3 | . 1.0 | и, | ņ | | | že. | н | #3 #3 |
| Copper | | - 26 | 2.0 | an: | | | | n | н | |
| Lead | 300 | 3.0 | 1.0 | 10 | n | | | | n | - |
| Mercury | | ND | 0.1 | n | n | | | | | |
| Molybdenum | | ND · | 1.0 | | · n | | | | | |
| Nickel | | 13 | 1.0 | | | | | | | |
| Selenium | | ND | 1.0 | | tr | | | * | | |
| Silver | | ND | 1.0 | | n | | | | | |
| Thallium | | ND | 1.0 | | | | | | | |
| Vanadium | | 14 | 1.0 | | 11 | | | 8.0 | | |
| Zinc | | 45 | 5.0 | 200 | | * | | | | |
| WP 172 -CAM | [17 (J907033-04) Soil | Sampled: 14-Jul-09 08:15 | | 36 | | | | | | |
| | | Sampled: 14-3ul-09 00:15 | Received: | 15-Jul-09 | 15:40 | | | 1 | Sec. 1: | |
| Antimony | a a r (exerçõe e il) den | ND | Received: | 15-Jul-09 1 mg/kg | 15:40 | | | 23-Jul-09 | EPA 6020A | |
| Antimony Arsenic | 227 (0207,000 01) 2011 | | | | | | | 23-Jul-09 | EPA 6020A | |
| 5 | 27 (670) 400 0 1 7 500 | ND ND | 2.0 | mg/kg | 1 | 27 | | | | |
| Arsenic | | ND 1.5 | 2.0 1.0 | mg/kg | 1 | 127 | | | | _ |
| Arsenic Barium | | ND 1.5 34 | 2.0 1.0 5.0 | mg/kg | 1 | 2 | | | | - |
| Arsenic Barium Beryllium | | ND 1.5 34 ND ND | 2.0 1.0 5.0 1.0 | mg/kg " " | 1 | | a Sa | | | 9 1 |
| Arsenic Barium Beryllium Cadmium | | ND 1.5 34 ND ND 11 | 2.0 1.0 5.0 1.0 1.0 | mg/kg | 1 " | | o Ga | | | |
| Arsenic Barium Beryllium Cadmium Chromium Cobalt | | ND 1.5 34 ND ND 11 1.9 | 2.0 1.0 5.0 1.0 1.0 1.0 | mg/kg | 1 " | | a Sa | | | - a + |
| Arsenic Barium Beryllium Cadmium Chromium | | ND 1.5 34 ND ND 11 1.9 23 | 2.0 1.0 5.0 1.0 1.0 1.0 1.0 2.0 | mg/kg " " " " | 1 | | e Ge | | | 5 f |
| Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper | | ND 1.5 34 ND ND 11 1.9 23 2.7 | 2.0 1.0 5.0 1.0 1.0 1.0 2.0 | mg/kg | 1 | | a G | | | 3 T |
| Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper Lead | | ND 1.5 34 ND ND 11 1.9 23 2.7 ND | 2.0 1.0 5.0 1.0 1.0 1.0 2.0 1.0 | mg/kg | 1 " " " " " " " " " " " " " " " " " " " | | a Ga | | | 2 2 |
| Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper Lead Mercury | | ND 1.5 34 ND ND 11 1.9 23 2.7 ND ND | 2.0 1.0 5.0 1.0 1.0 1.0 2.0 1.0 | mg/kg | 1 | | 4 A B | | | |
| Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper Lead Mercury Molybdenum Nickel | | ND 1.5 34 ND ND 11 1.9 23 2.7 ND ND | 2.0 1.0 5.0 1.0 1.0 1.0 2.0 1.0 0.1 1.0 | mg/kg | 1 | | 4 A B C E | | | 8 |
| Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper Lead Mercury Molybdenum Nickel Selenium | | ND 1.5 34 ND ND 11 1.9 23 2.7 ND ND ND | 2.0 1.0 5.0 1.0 1.0 1.0 2.0 0.1 1.0 1.0 | mg/kg | 1 | | * A * * * * * * * * * * * * * * * * * * | | | 8 |
| Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper Lead Mercury Molybdenum Nickel Selenium | | ND 1.5 34 ND ND 11 1.9 23 2.7 ND ND ND 13 ND ND | 2.0 1.0 5.0 1.0 1.0 1.0 2.0 0.1 1.0 1.0 1.0 | mg/kg " " " " " " " | 1 | | | | | |
| Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper Lead Mercury Molybdenum Nickel Selenium | | ND 1.5 34 ND ND 11 1.9 23 2.7 ND ND ND | 2.0 1.0 5.0 1.0 1.0 1.0 2.0 0.1 1.0 1.0 | mg/kg | 1 | | | | | |

Approved By

Argon Laboratories, Inc. California D.O.H.S. Cert. #2359

@FSON laboratories 2905 Railroad Ave. Ceres, CA 95307 (209)581-9280 Fax (209)581-9282

ConAgra Foods Inc.

554 S. Yosemite Ave Oakdale, CA 95361 Project Number: 102-19

Project Name: ConAgra Aerated Pond

Project Manager: Jeff Schultz

Work Order No.:

J907033

Metals

| Analyte | . 89 | Result | Reporting Limit | Units | Dilution | | | Analyzed | Method | Note |
|--|------------------------|--|--|---------------------------|-----------|-----|-------|--------------|--------------|-----------------------|
| WP 175 -CAM | I 17 (J907033-05) Soil | Sampled: 14-Jul-09 08:20 | Received: | 15-Jul-09 1 | 15:40 | ž., | 57 | 10 | | |
| Antimony | | ND | 2.0 | mg/kg | 1 . | | 8 | 23-Jul-09 | EPA 6020A | *, |
| Arsenic | ž 0 | 1.9 | . 1.0 | | n | | | ıı . | . " | |
| Barium | | 48 | 5.0 | . n | | | 3 | m | n ' | |
| Beryllium | | ND | 1.0 | 311.5 | | | | | | |
| Cadmium | | ND | 1.0 | | 380 | | | ** | | |
| Chromium | | 14 | 1.0 | | | | | | | |
| Cobalt | × | 2.3 | 1.0 | | | | | H. | | |
| Copper | | 28 | 2.0 | w | n | 2 | | n | N | *. |
| ead | | 1.7 | 1.0 | н | W.I. | | | | · û | " a) |
| Легсигу | | ND | 0.1 | H | и | | | u | 11 | |
| Molybdenum | | ND | 1.0 | | 11 | | | | | |
| Nickel | | 11 | 1.0 | " | | | | (1 1) | H | |
| elenium | | ND | 1.0 | н | | | | п | н | |
| ilver | | ND | 1.0 | п | 11 | 2. | | n | w | |
| hallium | # | ND | 1.0 | n | | 8 | | | , | |
| ⁷ anadium | | 12 | 1.0 | | ,, | | 22 | 11 | | |
| | | | | | | | | | | |
| | 17 (J907033-06) Soil | 45 Sampled: 14, Jul 00 08:25 | 5.0 | " 5 Test 00 1 | " 5.40 | | | | 3 B - | |
| VP 176 -CAM | 17 (J907033-06) Soil | 45 Sampled: 14-Jul-09 08:25 ND | | | | - | 2 | 23-In1-09 | | |
| VP 176 -CAM | 17 (J907033-06) Soil | Sampled: 14-Jul-09 08:25 | Received: 1 | " 15-Jul-09 1 mg/kg | 5:40 | - | e | 23-Jul-09 | EPA 6020A | |
| VP 176 -CAM | 17 (J907033-06) Soil | Sampled: 14-Jul-09 08:25 ND | Received: 1 | mg/kg | 5:40 | | 2 | | EPA 6020A | 2 |
| VP 176 -CAM Antimony Arsenic | 17 (J907033-06) Soil | ND 1.7 68 | 2.0 1.0 5.0 | mg/kg | 5:40 | | | | EPA 6020A | |
| VP 176 -CAM antimony arsenic Barium | 17 (J907033-06) Soil | ND 1.7 68 ND | 2.0 1.0 5.0 | mg/kg " | 5:40 | | 3 | | EPA 6020A | , |
| VP 176 -CAM Antimony Arsenic Barium Beryllium | 17 (J907033-06) Soil | ND 1.7 68 ND ND ND | 2.0 1.0 5.0 1.0 | mg/kg | 5:40 | | 3 | | EPA 6020A | |
| VP 176 -CAM Antimony Arsenic Barium Beryllium Cadmium | 17 (J907033-06) Soil | ND 1.7 68 ND ND ND 18 | 2.0 1.0 5.0 1.0 1.0 1.0 | mg/kg | 5:40 | | 2 | | EPA 6020A | |
| VP 176 -CAM Antimony Arsenic Barium Beryllium Cadmium Chromium Cobalt | 17 (J907033-06) Soil | ND 1.7 68 ND ND ND 18 3.0 | 2.0 1.0 5.0 1.0 1.0 1.0 1.0 | mg/kg | 5:40 | | | | EPA 6020A | |
| VP 176 -CAM Antimony Arsenic Barium Beryllium Cadmium Chromium | 17 (J907033-06) Soil | ND 1.7 68 ND ND 18 3.0 40 | 2.0 1.0 5.0 1.0 1.0 1.0 1.0 2.0 | mg/kg | 5:40 | | | | EPA 6020A | 3 3 4 8 9 |
| VP 176 -CAM Antimony Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper | 17 (J907033-06) Soil | ND 1.7 68 ND ND 18 3.0 40 1.4 | 2.0 1.0 5.0 1.0 1.0 1.0 2.0 | mg/kg | 5:40 | | | | EPA 6020A | 3 3 3 |
| VP 176 -CAM Antimony Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper Lead Mercury | 17 (J907033-06) Soil | ND 1.7 68 ND ND 18 3.0 40 1.4 ND | 2.0 1.0 5.0 1.0 1.0 1.0 1.0 1.0 2.0 | mg/kg | 5:40 | | | | EPA 6020A | 2 2 2 2 2 |
| AND 176 -CAM Antimony Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper Lead Mercury Molybdenum | 17 (J907033-06) Soil | ND 1.7 68 ND ND 18 3.0 40 1.4 ND ND ND ND | 2.0 1.0 5.0 1.0 1.0 1.0 1.0 2.0 1.0 | mg/kg | 5:40 | | | | EPA 6020A | |
| AND 176 -CAM Antimony Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper Lead Mercury Molybdenum Lickel | 17 (J907033-06) Soil | ND 1.7 68 ND ND 18 3.0 40 1.4 ND ND | 2.0 1.0 5.0 1.0 1.0 1.0 1.0 1.0 2.0 1.0 0.1 1.0 | mg/kg | 5:40 | | | | EPA 6020A | |
| VP 176 -CAM Antimony Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper | 17 (J907033-06) Soil | ND 1.7 68 ND ND 18 3.0 40 1.4 ND | 2.0 1.0 5.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1 | mg/kg | 5:40 | | | | EPA 6020A | |
| AND 176 -CAM Antimony Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper Lead Mercury Molybdenum Cickel Elenium | 17 (J907033-06) Soil | ND 1.7 68 ND ND 18 3.0 40 1.4 ND | 2.0 1.0 5.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1 | mg/kg | 5:40 | | | | EPA 6020A | |
| AND 176 -CAM Antimony Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper Lead Mercury Molybdenum Mickel Elenium ilver | 17 (J907033-06) Soil | ND 1.7 68 ND ND 18 3.0 40 1.4 ND | 2.0 1.0 5.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1 | mg/kg | 5:40 | | | | EPA 6020A | |

Approved By

Argon Laboratories, Inc. California D.O.H.S. Cert. #2359

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ConAgra Foods Inc.

554 S. Yosemite Ave Oakdale, CA 95361 Project Number: 102-19

Project Name: ConAgra Aerated Pond

Project Manager: Jeff Schultz

السيمالة

Work Order No.:

J907033

Metals

| Analyte | 9 | Result | Reporting Limit | Units | Dilution | # # ± | | Analyzed | Method | Notes |
|-------------|----------------------|--------------------------|--------------------|----------|----------|-------|-----|-------------|-----------|-------|
| WP 178 -CAM | 17 (J907033-07) Soil | Sampled: 14-Jul-09 08:30 | Received: 1 | 5-Jul-09 | 15:40 | | | .* | | |
| Antimony | | ND | 2.0 | mg/kg | 1 | | | 23-Jul-09 | EPA 6020A | |
| Arsenic | | 1.6 | 1.0 | " | | | 197 | 23 311-03 | LIA 0020A | |
| Barium | | 52 | 5.0 | n | | | | | | |
| Beryllium | S 0 | ND | 1.0 | | | | | n | | |
| Cadmium | | ND | 1.0 | * | п . | | | | | |
| Chromium | | 18 | 1.0 | . " | | | | | | |
| Cobalt | | 2.5 | 1.0 | " | | 4 | | | | |
| Copper | | 30 | 2.0 | | | A | | | | |
| Lead | 7.00 (1) | 2.5 | 1.0 | n, | н | | | | | |
| Mercury | | ND | 0.1 | | 5.0 | | | - | | |
| Molybdenum. | | ND | 1.0 | н | | | | | | |
| Nickel | | 14 | 1.0 | | | * | | 3 10 | | |
| Selenium | | ND | 1.0 | | . , | | | ,, | | 2 |
| Silver | | ND | 1.0 | n | # | | | | - | |
| Thallium | | ND | 1.0 | in | | | | | | |
| Vanadium | | 14 | 1.0 | | | | | | - | |
| Zinc | | 48 | 5.0 | | | * | | , . | . " | |

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ConAgra Foods Inc.

554 S. Yosemite Ave Oakdale, CA 95361 Project Number: 102-19

Project Name: ConAgra Aerated Pond

Project Manager: Jeff Schultz

Work Order No.:

J907033

Metals - Quality Control

Argon Laboratories

| Analyte | • | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------|-----|--------|--------------------|------------|--|------------------|-------------|----------------|-----|--------------|--------------|
| Batch J901393 - 3050B | 0 2 | | e. | | | | | | | | |
| Blank (J901393-BLK1) | | E | | 5 | Prepared: 0 | 7/22/09 A | nalyzed: 0' | 7/23/09 | | 5 | |
| Antimony | - , | ND | 2.0 | mg/kg | and the second s | | | | | 27 | |
| Arsenic | | ND | 1.0 | n | 8 | | | , | | | |
| Barium . | | ND | 5.0 | | 0 2 0 | 7 | * | | | | . |
| Beryllium | | ND | 1.0 | | | | | ž. | | | |
| Cadmium | | ND | 1.0 | , , | | | | | | 7/1 | 8+ |
| Chromium | | ND | 1.0 | | | | | | | | |
| Cobalt | | ND | 1.0 | | | ¥ | | | | | |
| Copper | | ND | 2.0 | | | 4 | | | | | |
| Lead | | ND | 1.0 | и , | | | | 2 | | | |
| Mercury | | ND | 0.1 | n | | | | | | | 29 |
| Molybdenum | 20 | ND | 1.0 | | | | | | | | |
| Nickel | | ND | 1.0 | w | | | | | | | |
| Selenium | | ND | 1.0 | | | | | | | | |
| Silver | | ND | 1.0 | | | 3 | | | | | |
| Γhallium | | ND | 1.0 | | | | | | | 8 | |
| Vanadium | | ND | . 1.0 | # 2 | £. | | | | | | |
| Zinc | 185 | · ND | 5.0 | | | | | | | | |
| LCS (J901393-BS1) | | | | | Prepared: 0 | 7/22/09 Ar | alvzed: 07 | /23/09 | 51 | | |
| Antimony | | 9.50 | | mg/kg | 10 | | 95 | 80-120 | - | | |
| Arsenic | | 11.1 | | | 10 | | 111 | 80-120 | | | |
| Barium . | | 102 | | n | 100 | | 102 | 80-120 | | | |
| Beryllium | | 9.20 | | | 10 | | 92 | 80-120 | | | |
| Cadmium | | 9.60 | | ** | 10 | | 96 | 80-120 | | | |
| Chromium | a. | 10.3 | | н | 10 | | 103 | 80-120 | ¥ | | |
| Cobalt | | 10.2 | | H | 10 | | 102 | | | | |
| Copper | | 10.0 | | | 10 | | 100 | 80-120 | | | |
| Lead | | 9.60 | | n | 10 | | 96 | 80-120 | | | |
| Mercury | #1 | 0.53 | | " | 0.50 | | 106 | 80-120 | | | |
| Molybdenum | | 10.4 | | n | 10 | | 104 | 80-120 | | | |
| Nickel | | 10.2 | | | 10 | | 102 | 80-120 | | | |
| elenium | | 10.0 | | ii | 10 | | 102 | 80-120 | | | |
| Silver | | 9.00 | | | 10 | | 90 | 80-120 | | | |
| hallium | * | 12.7 | | н | 10 | | 127 | 80-120 | | | |
| /anadium | | 10.0 | | | 10 | | 100 | | | | * |
| Zinc | | 94.0 | | | 100 | | | 80-120 | | | |
| © | | 21.0 | | | 100 | | 94 | 80-120 | 100 | | |
| | | | - | | | | | | | 3 | |

Approved By

Argon Laboratories, Inc. California D.O.H.S. Cert. #2359

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ConAgra Foods Inc.

554 S. Yosemite Ave Oakdale, CA 95361 Project Number: 102-19

Project Name: ConAgra Aerated Pond

Project Manager: Jeff Schultz

Work Order No.:

J907033

Metals - Quality Control

Argon Laboratories

| Analyte | Result | Reporting Limit Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|----------------------------|--------|--------------------------|----------------|------------------|-------------|----------------|-----|--------------|-------|
| Batch J901393 - 3050B | | â | | | | | | | |
| LCS Dup (J901393-BSD1) | | | Prepared: (| 07/22/09 A | nalyzed: 07 | | | | |
| Antimony | 9.70 | mg/kg | 10 | | 97 | 80-120 | 2 | 20 | |
| Arsenic | 11.0 | | 10 | | 110 | 80-120 | 0.9 | -20 | |
| Barium | 102 | р | 100 | 140 | 102 | 80-120 | 0 | 20 | |
| Beryllium | 9.20 | | . 10 | | 92 | 80-120 | 0 . | 20 | |
| Cadmium | 9.50 | w | 10 | | 95 | 80-120 | 1 | 20 | |
| Chromium | 10.3 | и | 10 | | 103 | 80-120 | 0 | 20 | |
| Cobalt | 10.2 | | 10 | | 102 | 80-120 | 0 | 20 | |
| Copper | 10.0 | | 10 | 8 | 100 | 80-120 | 0 | 20 | |
| Lead | 9.60 | и | 10 | | 96 | 80-120 | 0 | 20 | |
| Mercury | 0.51 | н | 0.50 | | 102 | 80-120 | 4 | 20 | |
| Molybdenum | 10.4 | | 10 | | 104 | 80-120 | 0 | 20 | |
| Nickel | 10.2 | | 10 | | 102 | 80-120 | 0 | 20 | |
| Selenium | 9.90 | | 10 | | 99 | 80-120 | 1 | 20 | |
| ilver | 9.00 | п | 10 | | 90 | 80-120 | 0 | 20 | |
| Thallium | 12.8 | • | . 10 | | 128 | 80-120 | 0.8 | 20 | |
| Vanadium | 10.0 | | 10 | | 100 | 80-120 | 0 . | 20 | |
| Zinc | 94.0 | н | 100 | | 94 | 80-120 | 0 | 20 | |
| Matrix Spike (J901393-MS1) | Sou | irce: J907029-01 | Prepared: (| 07/22/09 A | nalyzed: 07 | /23/09 | | | |
| Antimony | 6.80 | mg/kg | 10 | 0.01 | 68 | 70-130 | | | |
| Arsenic | 11.9 | Tr. | 10 | 0.01 | 119 | 70-130 | | | |
| Barium - | 82.0 | . п | 100 | 0.48 | 82 | 70-130 | | | |
| Beryllium | 8.50 | | 10 | ND | 85 | 70-130 | | | |
| Cadmium | 7.90 | | 10 | 0.002 | 79 | 70-130 | | | |
| Chromium | 8.35 | n | 10 | 0.15 | 82 | 70-130 | | | |
| Cobalt | 8.10 | n | 10 | 0.02 | 81 | 70-130 | | | |
| Copper | 8.90 | | 10 | 0.32 | 86 | 70-130 | | | |
| Lead | 7.70 | m m | 10 | 0.02 | 77 | 70-130 | | * | |
| Mercury | 0.60 | | 0.50 | ND | 119 | 70-130 | | (E) | :5 |
| Molybdenum | 8.40 | n | 10 | 0.005 | 84 | 70-130 | | | |
| Nickel | 8.10 | | 10 | 0.12 | 80 | 70-130 | | | |
| Selenium | 8.20 | | 10 | ND | 82 | 70-130 | | | |
| Silver | 0.00 | | 10 | ND | | 70-130 | | | QM- |
| Thallium | 6.20 . | w | 10 | ND | 62 | 70-130 | | | |
| Vanadium | 8.30 | | 10 | 0.12 | 82 | 70-130 | | | |
| vanadium | 0.50 | | | | | | | | |

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ConAgra Foods Inc.

554 S. Yosemite Ave Oakdale, CA 95361 Project Number: 102-19

Project Name: ConAgra Aerated Pond

Project Manager: Jeff Schultz

Work Order No.:

J907033

Metals - Quality Control

Argon Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------------------------------|--------|--------------------|-------|----------------|------------------|-------------|----------------|-----|--------------|-------|
| Batch J901393 - 3050B | | | | | | | | | ja | |
| Matrix Spike Dup (J901393-MSD1) | Sou | rce: J907029-01 | | Prepared: (| 07/22/09 A | nalyzed: 07 | 7/23/09 | | | |
| Antimony | 6.70 | | mg/kg | 10 | 0.01 | 67 | 70-130 | 1. | 20 | 56 |
| Arsenic | 12.1 | | n | 10 | 0.01 | 121 | 70-130 | 2 | 20 | |
| Barium | 83.0 | | n | 100 | 0.48 | 83 | 70-130 | 1 | 20 | |
| Beryllium | 8.80 | ŝŧ | | 10 | ND | 88 | 70-130 | 3 | 20 | |
| Cadmium | 8.10 | 241 | # | 10 | 0.002 | 81 | 70-130 | 3 | 20 | * |
| Chromium | 8.65 | | | . 10 | 0.15 | 85 | 70-130 | 4 | 20 | |
| Cobalt | 8.30 | | 31 | 10 | 0.02 | 83 | 70-130 | 2 | 20 | - 12 |
| Copper | 8.90 | | , | 10 | 0.32 | 86 | 70-130 | 0 | 20 | |
| Lead | 7.90 | <u> </u> | " | 10 | 0.02 | 79 | 70-130 | 3 | 20 | |
| Mercury | 0.61 | | | 0.50 | ND | 122 | 70-130 | 2 | 20 | |
| Molybdenum | 8.50 | | • | 10 | 0.005 | 85 | 70-130 | 1 | 20 | |
| Nickel | 8.30 | 8 | | 10 | 0.12 | 82 | 70-130 | 2 | 20 | |
| Selenium | 8.30 | | | 10 | ND | 83 | 70-130 | 1 | 20 | |
| ilver . | 0.00 | | n | 10 | ND | | 70-130 | | 20 | QM- |
| Thallium . | 6.20 | | * | 10 | ND | 62 | 70-130 | 0 | 20 | |
| Vanadium | 8.50 | · · | * | 10 | 0.12 | 84 | 70-130 | 2 | 20 | |
| Zinc | 87.5 | | n | 100 | 0.47 | 87 | 70-130 | 7 | 20 | |

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ConAgra Foods Inc.

554 S. Yosemite Ave

Project Number: 102-19

Project Name: ConAgra Aerated Pond

Work Order No.:

J907033

Oakdale, CA 95361

Project Manager: Jeff Schultz

Notes and Definitions

QM-05

The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were

within acceptance limits showing that the laboratory is in control and the data is acceptable.

DET

Analyte DETECTED

ND

Analyte NOT DETECTED at or above the reporting limit

NR

Not Reported

dry

Sample results reported on a dry weight basis

RPD

Relative Percent Difference



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July 20, 2009

Dunn Environmental Inc 5060 Robert J Matthews Parkway Suite 2 El Dorado CA 95762

Listed below are the lab results for soil you submitted to our lab to be analyzed:

| LAB# | SAMPLE ID | SAR% | BUFFER p | H FDS mg/L |
|-----------|--------------------|------|----------|------------|
| S73994901 | 6-25 NE CORNER | .16 | *, | 224 |
| S73994902 | 6-26 SETTLING POND | .45 | * | 796 |
| S73994903 | 6-27 SE CORNER | .56 | * | 412 |
| S73994904 | 6-27 SW CORNER | .37 | * | 301 |
| S73994905 | 6-29 S CENTRAL | .31 | * | 376 |
| S73994906 | 6-29 WEST SIDE | .42 | * | 174 |
| S73994907 | 6-29 SE SIDE | .47 | . * | 277 |
| S73394908 | 6-30 EAST SIDE | .36 | · * | 156 |
| S73994909 | 6-30 SOUTH SIDE | .47 | 6.7 | 196 |
| S73994910 | 6-26 NW CÖRNER | .59 | . \$ | 191 |
| | | | | |

^{*} indicates pH 6.0 or below

Any questions please do not hesitate to contact us at 209-634-9055. Thank you for choosing Denele Analytical, Inc. as your preferred lab.

Sincerely,

Julie Mormile Office Manager Denele Analytical



1232 South Ave. • Turlock, CA 95380 • Ph. (209) 634-9055 • Fax (209) 634-9057 • www.denelelabs.com G000188

S73994901

Variety: Acres:

Dunn Enviromental Inc

Date Received:

Lab#

7/09/2009

5060 Robert J Matthews Parkway

Suite 2

Date Completed:

7/09/2009

Yield: 1 Tons

El Dorado Hills, CA 95762

GPYKA

Crop: Fallow Sample ID: 6-25 NE CORNER

Nutrients Balance Chart Low Normal High Soil Test Results Very High Very Low 1.59 m.mhos Soluble Salts NO₃- Nitrate Nitrogen ppm NHA Ammonium Nitrogen * Sppm PO₄-Olsen Phosphorus 98 ppm IPOX4 Bray Phosphorus Ammonium Acetate Base Saturation % - Potassium 8.2 2-5% 348 ppm Ca - Calcium 56.8 65-80 % 230 ppm 15.3 10-20 % 201 Mg - Magnesium ppm Na / Sodium 0.15 - Boron Zn Zinc 16.0 ppm Fe - Iron 58.0 ppm 12,0 ppm ICU / Copper 17.0 Mn - Manganese ppm SO4 Sulfate Sulfur 180 ppm - Chloride 4.3 CIL: meg/L (Organic Matter OM Cation Exchange Capacity meg/100 gm 10.8

| Rercolation Excess Carbonates | High None | | Fertilizer Rec | ommend | ations |
|--|--------------|-----------------|----------------|--------|--------------|
| Free Line | | Makasaka | 10 lbs/Acre | S | o bs/Acre |
| SMP Buffer pH | | Ρ. | 0 lbs/Acre | В | 0 lbs/Acre |
| PROPERTY AND ADDRESS OF THE | 公司的第三人称单数 | Rows | 0 lbs/Acre | Zh | 0/lbs/Acre |
| A POST CONTROL OF THE | 88 PC 988 | Cu | · 0 lbs/Acre | Mn | . 0 lbs/Acre |
| THE REPORT OF THE PARTY OF THE | | llime | 0 Tons/Acre | Gypsun | n Tons/Acre |

The micronutrients recommended are in lbs/acre on a broadcast elemental basis. If micronutrients are banded, divide the recommended value by 3. If chelated fertilizers are used, divide the recommendation by 4.

Research has shown that optimum yields are obtained with Nitrogen split Into 2 to 4 applications. Recommended Nitrogen is based on 90% efficiency of application. Highest losses of Nitrogen occur with winter applications. Early Spring to late Summer is the optimum time to apply Nitrogen.

TKN 297mg/L TN .294% MOIST 59.3% TDS 828mg/L TOC 2.2%

Every effort is taken to provide an accurate analysis of the sample provided. For reasonable cause a sample can be retested, but due to factors beyond our control in sampling procedures and the inherent variability of soll, our liability is limited to the price of the tests. Recommendations are to be used as general guides and should be modified for specific field conditions and application methods.



1232 South Ave. • Turlock, CA 95380 • Ph. (209) 634-9055 • Fax (209) 634-9057 Submitted By:

Dunn Enviromental Inc

573994902 Lab# Variety:

Date Received: 5060 Robert J Matthews Parkway 7/09/2009 Acres:

Suite 2 Date Completed: 7/09/2009 Yield: 1 Tons

El Dorado Hills, CA 95762 Crop: Fallow

| Sample ID: 6-26 SETTLING POND | G P¦YKA | |
|---|---|----------|
| Soil Test Results | Very Low Normal High Very | High |
| ipH 6.3 su 1 E.C.e 6.43 m.mhos | CO | |
| Soluble Salts 4/115 ppm NO ₃ - Nitrate Nitrogen 340 ppm | 9. 20 | |
| NHX Ammonium Nitrogen. PO4 - Olsen Phosphorus 125 ppm | N I | |
| RO4: Bray Phosphorus ppma | | |
| K - Potassium 16.5 2 - 5 % 1,050 ppm | K Gal | |
| Ca Calcium 34.9 65.80 % 1,140 ppm | Mgray and an army and a service | |
| Na - Sodlum 11.9 0 - 5:% 446 ppm B - Boron 0.44 ppm | Blassos Bases Bases | 1200 |
| Fe - Iron 261.0 ppm | Za Fo | |
| Gu Copper 26:0 ppm Mn - Manganese 28.0 ppm | Civi I I I I I I I I I I I I I I I I I I | |
| SO4-Sulfate Sulfur 445 ppm 1 CI - Chloride 12.6 meg/L | S Cl | |
| Cation Exchange Capacity meq/100 gm 16.3 (Est.) | ОМ | 91 24 |
| Percolation High: | Fertilizer Recommendations | |
| Free Lime SMP Buffer pH | N. 0 bs/Acre S 0/bs// P 0 lbs/Acre B 0 lbs// | |
| | | |

The micronutrients recommended are in ibs/acre on a broadcast elemental basis. If micronutrients are banded, divide the recommended value by 3. If chelated fertilizers are used, divide the recommendation by 4.

Cu

0 lbs/Acre

Mn

0 Tons/Acre Gypsum

0 lbs/Acre

Research has shown that optimum yields are obtained with Nitrogen split into 2 to 4 applications. Recommended Nitrogen is based on 90% efficiency of application. Highest losses of Nitrogen occur with winter applications, Early Spring to late Summer is the optimum time to apply Nitrogen.

TKN 778mg/L TN 1.12% MOIST 77% TDS 3340mg/L TOC 1.9%

Every effort is taken to provide an accurate analysis of the sample provided. For reasonable cause a sample can be refested, but due to factors beyond our control in sampling procedures and the inherent variability of soil, our liability is limited to the price of the tests. Recommendations are to be used as general guides and should be modified for specific field conditions and application methods.



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Lab# S73994903

Variety:

Acres:

Dunn Enviromental Inc 5060 Robert J Matthews Parkway

Date Received:
Date Completed:

7/09/2009

Suite 2

Yield: 1 Tons

El Dorado Hills, CA 95762

Very High

Crop: Fallow

G PYKA

Sample ID: 6-27 SE CORNER

Nutrients Balance Chart Low Normal High Soil Test Results Very Low 5HH 2000年2月 全的特色 4.29 m.mhos E.C.e 746 / ppm Soluble Salts 220 NO₃- Nitrate Nitrogen ppm NHa Ammonium/Nitrogen ppm. PO4 - Olsen Phosphorus 118 ppm PO4 Bray Phosphorus ppm Ammonlum Base Saturation % Acetate Optimum 2-5% - Potasslum 17.1 722 ppm Case Calcium 41.4 65-80 % 890 ppm Mg - Magnesium 10-20 % 261 Mean 19.9 ppm Na Sodlum 12.8 318 ppm 0.25 - Boron ppm 45.0 ppm Zn/ /- Zinc Fe - Iron 174.0 ppm 59.6≥√ ppm/ Cu/ - Copper 20.0 Ministration Mn - Manganese ppm SO4 Sulfate Sulfur 185 CI - Chloride 9.8 meg/l CIL

mea/100 am 10.8

| Rercolation Excess Carbonates | High None | | Fertilizer Rec | ommend | lations |
|--|----------------|-------|----------------|--------|-------------|
| Free Lime | | MERIO | 0 lbs/Acre | WS NO | Olbs/Acfe |
| SMP Buffer pH | AC III TARKU H | P | · 0 lbs/Acre | В | 0 lbs/Acre |
| ENTERNA DE LE CONTRA | | K | 0 lbs/Acre | Zh | Olibs/Acre |
| | | Cu | . 0 lbs/Acre | Mn | 0 lbs/Acre |
| PRINTER (25%) TO 10 TO 1 | | Lime | 0 Tons/Acre | Gypsu | m Tons/Acre |

OM

Notes:

Organio Matter

Cation Exchange Capacity

The micronutrients recommended are in lbs/acre on a broadcast elemental basis. If micronutrients are banded, divide the recommended value by 3. If chelated fertilizers are used, divide the recommendation by 4.

Research has shown that optimum yields are obtained with Nitrogen split into 2 to 4 applications. Recommended Nitrogen is based on 90% efficiency of application. Highest losses of Nitrogen occur with winter applications. Early Spring to late Summer is the optimum time to apply Nitrogen.

TKN 627mg/L TN .615% MOIST 56.3% TDS 2300mg/L TOC 2.3%

Every effort is taken to provide an accurate analysis of the sample provided. For reasonable cause a sample can be retested, but due to factors beyond our control in sampling procedures and the inherent variability of soil, our liability is limited to the price of the tests. Recommendations are to be used as general guides and should be modified for specific field conditions and application methods.



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Variety:

S73994904 Lab# Date Received:

7/09/2009 7/09/2009

Acres:

Yield: 1 Tons

Date Completed: Crop: Fallow

Sample ID: 6-27 SW CORNER

Dunn Enviromental Inc

5060 Robert J Matthews Parkway

Suite 2

El Dorado Hills, CA 95762

GPYKA

| Soll Test Results | Very Low Normal High Very High |
|--|---|
| pH E.C.e 3.21 m.mhos | ON SECTION DESCRIPTION OF THE PROPERTY OF THE |
| Soluble Salts 2,054 ppm NO ₃ - Nitrate Nitrogen 287 ppm | |
| NH7: Ammonlum: Nitrogen PO4 - Olsen Phosphorus 60 ppm | P2. |
| P04 Bray Phosphorus sphin Base Saturation Ammonium Acetate | |
| K - Potassium 14.5 2 - 5 % 323 ppm | Get 1 |
| Ca - Calcium 57.9 65-80 65-80 660 100 100 100 100 100 100 100 100 10 | Med |
| Na - Sodium 8:0 0 - 5:% 104 ppm* | Plu II |
| B - Boron 0.14 ppm Zh Zhic 17.00 ppm | |
| Zh. Zinc 17:00 ppm Fe - Iron 82.0 ppm | FG. |
| Cu Copper | |
| Mn - Manganese 13.0 ppm | Montage |
| SO4-Sulfafe Sulfur CI - Chloride 7.1 meq/L | 3 |
| Organic Matter | |
| Cation Exchange Capacity meq/100 gm 5.7 (Est.) | |
| Percolation Excess Carbonates None | Fertilizer Recommendations |
| Free Lime | N 0 lbs/Acre S 0 lbs/Acre |
| SMP Buffer pH | P 0 lbs/Acre B 0 lbs/Acre |
| Explained and the second of th | Cu 0 lbs/Acre |
| | Lime O'Tons/Acre Gypsum Tons/Acre |

The micronutrients recommended are in lbs/acre on a broadcast elemental basis. If micronutrients are banded, divide the recommended value by 3. If chelated fertilizers are used, divide the recommendation by 4.

Research has shown that optimum yields are obtained with Nitrogen split into 2 to 4 applications. Recommended Nitrogen is based on 90% efficiency of application: Highest losses of Nitrogen occur with winter applications. Early Spring to late Summer is the optimum time to apply Nitrogen.

TKN 179mg/L TN .140% MOIST 27.6% TDS 1710mg/L TOC .6%

Every effort is taken to provide an accurate analysis of the sample provided. For reasonable cause a sample can be retested, but due to factors beyond our control in sampling procedures and the inherent variability of soil, our liability is limited to the price of the tests. Recommendations are to be used as general guides and should be modified for specific field conditions and application methods.



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Variety:

\$73994905 Date Received:

Date Completed:

7/09/2009

Acres:

7/09/2009

Yield: 1 Tons

Crop: Fallow

Sample ID: 6-29 S CENTRAL

Dunn Enviromental Inc

5060 Robert J Matthews Parkway

Suite 2

El Dorado Hills, CA 95762

GPYKA

| Soil Test Results | Very Low Normal High Very High |
|--|--|
| [pH] | OB FCO |
| Soluble Salts NO ₃ - Nitrate Nitrogen 94 pp | n Name of the Control |
| PO ₄ - Olsen Phosphorus 118 pp | |
| POTA Bray Phospholos Base Saturation % Ammonlum Acetate | |
| K - Potassium 9.5 2 - 5 % 481 pr Ca Calcium 29.2 65-80 % 760 pr | |
| Mg - Magnesium 22,5 10-20 % 355 pp Na - Sodium 5,5 0-5,% 465 pp | |
| B - Boron 0.25 pp Zh - Zhc 1200 pp | |
| Fe - Iron 239.0 pp | m (fig) (i) (ii) (iii) (|
| Mn - Manganese 32.0 pp SOX-Sulfate/Sulfur 125 pp | |
| CI - Chloride 7.6 m [Organic Matter] | g/L OM |
| Cation Exchange Capacity meq/100 gm · 13.0 (E | S&() |
| Excess Carbonates None Free Lime | Fertilizer Recommendations No bs/Acre S |
| SMP Buffer pH | P 0 lbs/Acre B 0 lbs/Acre K, 0 lbs/Acre Zn, 0 lbs/Acre |
| | Cu 0 lbs/Acre Mn 0 lbs/Acre |
| | |

Notes:

The micronutrients recommended are in lbs/acre on a broadcast elemental basis. If micronutrients are banded, divide the recommended value by 3. If chelated fertilizers are used, divide the recommendation by 4.

Research has shown that optimum yields are obtained with Nitrogen split into 2 to 4 applications. Recommended Nitrogen is based on 90% efficiency of application. Highest losses of Nitrogen occur with winter applications. Early Spring to late Summer is the optimum time to apply Nitrogen.

TKN 224mg/L TN .188% MOIST 22.5% TDS 1250mg/L TOC 1.2%

Every effort is taken to provide an accurate analysis of the sample provided. For reasonable cause a sample can be retested, but due to factors beyond our control in sampling procedures and the inherent variability of soil, our liability is limited to the price of the tests. Recommendations are to be used as general guides and should be modified for specific field conditions and application methods.



1232 South Ave. • Turlock, CA 95380 • Ph. (209) 634-9055 • Fax (209) G000188 634-9057 • www.denelelabs.com

S73994906 Lab#

Variety:

Date Received:

7/09/2009

Acres:

Date Completed:

7/09/2009

Yield: 1 Tons

Crop: Fallow

Sample ID: 6-29 WEST SIDE

Dunn Enviromental Inc

5060 Robert J Matthews Parkway

B

Zn

Mn 0 Tons/Acre Gypsum // Tons/Acre

0 lbs/Acre

0 lbs/Acre

0 lbs/Acre

0 lbs/Acre

0.lbs/Acre

0 lbs/Acre

Suite 2

El Dorado Hills, CA 95762

G PYKA

| Soil Test Results | Very Lov | Nutrien Low | ts Balance Normal | Chart High | Very Hlgh |
|---|----------------|-------------------|----------------------|---------------|------------|
| pH: 7:07 E.C.e 1.98 | m.mhos | | | | |
| Soluble Salts 1,267 NO ₃ - Nitrate Nitrogen 102 | ppm | | | | |
| NH ₄ -Ammonlum Nitrogen PO ₄ - Olsen Phosphorus 84 | ppm ppm | | | | |
| Base Saturation % Ammonity Yours Optimum Acetate | um | | 9 | ** *** | |
| K - Potassium 20.6 2 - 5 % 554. | ppm | | | - 15-76-75 | |
| Gar - Calcium 46.4 65.80 % 640 Mg - Magneslum 24.9 10-20 % 208 | ppm Mg | | | | |
| Na. Sodjum 8,2 0.5% 129 | appma ria | | | "我"和"多数" | • |
| B - Boron 0.13 Zh) - Zine 0.13 | ppm 3 | | | | |
| Fe - Iron 70.0 | ppm lie | | | | |
| Cu Copper 9(0) Mn - Manganese 12.0 | ppm Vin | THE STREET STREET | | | |
| SOX Sulfate Sulfur CI - Chloride 6.9 | | | | | |
| Organic Matter | MO M | | | | |
| Cation Exchange Capacity meq/100 gm 6.9 | (Est.) | 1 | | | • |
| Percolation: High Excess Carbonates None | | Fertilizer | Recomme | ndations | # KS |
| [Free Lime | SERVICE MERANS | 0 lbs/Ad | e S | 河州沙 沙 | 0 lbs/Acre |

SMP Buffer pH

The micronutrients recommended are in lbs/acre on a broadcast elemental basis. If micronutrients are banded, divide the recommended value by 3. If chelated fertilizers are used, divide the recommendation by 4.

Cu

Research has shown that optimum yields are obtained with Nitrogen split into 2 to 4 applications. Recommended Nitrogen Is based on 90% efficiency of application. Highest losses of Nitrogen occur with winter applications. Early Spring to late Summer is the optimum time to apply Nitrogen.

TKN 207mg/L TN .200% MOIST 31.2% TDS 1020mg/L TOC 2.1%

Every effort is taken to provide an accurate analysis of the sample provided. For reasonable cause a sample can be retested, but due to factors beyond our control in sampling procedures and the inherent variability of soil, our liability is limited to the price of the tests. Recommendations are to be used as general guides and should be modified for specific field conditions and application methods.



1232 South Ave. • Turlock, CA 95380 • Ph. (209) 634-9055 • Fax (209) 634-9057 • www.denelelabs.com Submitted By:

Dunn Enviromental Inc

\$73994907 Variety:

Soll Test Results

5060 Robert J Matthews Parkway Date Received: 7/09/2009 Acres:

Suite 2 Yield: 1 Tons Date Completed: 7/09/2009 El Dorado Hills, CA 95762

Crop: Fallow

Sample ID: 6-29 SE SIDE

G PYKA Nutrients Balance Chart Low Normal Hig Very Low Very High

| .E.C.e | 3.50 m.mhos | ECco | | | | |
|-------------------------------------|---------------------|-------------|--------------|---------|--------------|--|
| Soluble Salts | 2,2405 (ppm) | | 1 | | a | |
| NO ₃ - Nitrate Nitrogen | 87 ppm | Ŋ | | | | |
| NH2: Ammonium Nitrogen | mad | | | | | |
| PO ₄ - Olsen Phosphorus | 62 ppm | ₽. | 10 mg | | Value of the | |
| IPO4 - Bray Phosphorus | ppm | | : ' | | | |
| Base Saturation % Yours Optimum | Ammonium Acetate | | i | | | |
| K - Potasslum 15.4 2 - 5 % | 365 ppm | í. | | | | |
| Ca - Calcium 43.7 65-80 % | 530. // ppm | િહા | | | | |
| Mg - Magnesium 24.6 10-20 % | 181 ppm | VO V | W 30 4 5 7 | | | |
| Na Södlum 7.2 0-5% | 100 ppm | 14.1 | | | | |
| B - Boron | 0.49 ppm | B laws | | | | |
| Zn - Zinc | 1510 ppm | Zini | 2000年 | | | |
| Fe - Iron | 163.0 ppm | F(a) | | | | |
| [Cut-/Copper | 3.7 ppm | Quicker see | 2.4 | | | |
| Mn - Manganese | 39.0 ppm | Morros | | | | |
| ISOA Sulfate Sulfur | 110. ppm | ŝ | | | | |
| CI - Chloride | 5.9 meq/L | CIL | | | | |
| OrganicsMatter | | OM · | 1 | ate and | | |
| Cation Exchange Capacity meg/100 gr | n 6.1 (Est.) | | 4 | | | |

| Percolation. Excess Carbonates | High None | Fertilizer Recommendations | | | | ations |
|--|--|----------------------------|----------------|-----------|--------|--------------|
| IFree Lime | 是表生學學學的傳播的問 | IN S | (0 Table 1 1 0 | lbs/Acre | S | 0/lbs/Acre |
| SMP Buffer pH | | Р | ; 0 | lbs/Acre | В | 0 lbs/Acre |
| Management of the first of the second | ALEST TERMINERS THE SERVICE OF THE S | K | 79997 0 | lbs/Acre | · Zn | 0 lbs/Acre |
| | | Cu . | 92 | lbs/Acre | Mn | 0 lbs/Acre |
| 1986 State S | 空口以下不好不好。如何看是他的 | Lime. | 0.4 | Tons/Acre | Gypsur | n, Tons/Acre |

The micronutrients recommended are in lbs/acre on a broadcast elemental basis. If micronutrients are banded, divide the recommended value by 3. If chelated fertilizers are used, divide the recommendation by 4.

Research has shown that optimum yields are obtained with Nitrogen split into 2 to 4 applications. Recommended Nitrogen Is based on 90% efficiency of application. Highest losses of Nitrogen occur with winter applications. Early Spring to late Summer is the optimum time to apply Nitrogen.

TKN 218mg/L TN .216% MOIST 35% TDS 1810mg/L TOC 1.1%

Every effort is taken to provide an accurate analysis of the sample provided. For reasonable cause a sample can be retested, but due to factors beyond our control in sampling procedures and the inherent variability of soil, our liability is limited to the price of the tests. Recommendations are to be used as general guides and should be modified for specific field conditions and application methods.



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Variety:

Date Received:

7/09/2009

Acres:

7/09/2009 Date Completed:

\$73994908

Yield: 1 Tons

Crop: Fallow

Sample ID: 6-30 EAST SIDE

Dunn Enviromental Inc

5060 Robert J Matthews Parkway

Suite 2

El Dorado Hills, CA 95762

G PYKA

| | Soil Test Results | | Very Low | Nutrients B Low No | alance Chart rmal High | Very High |
|---|---|---------------------------|-----------------|--|---------------------------|---------------------------|
| pH%//////////////////////////////////// | | 7a3⊹/ su/∂ 3.09 m.mho | dill 2222 | | | |
| | gen | | | | | |
| NH2 Ammonlum PO4 - Olsen Phos | Nitrogen | ppm 124 ppm | | | | |
| IPO4 Bray Phosp | Base Saturation % | Ammonlum Acetate | | | | |
| K - Potassium | Yours Optimum 13.6 2 - 5 % 54.5 65-80 % | 708 ppm | K Oa | | | |
| Mg - Magnesium | | 261 ppm | Mg ac | | 2 | |
| B - Boron | * 14 160 2800 . " (140 p) Se 15 148 14 1400 | 0.17 ppm | 8 | | 1 (9) | |
| Zn ≠Zinc Fe - Iron Cu →Copyer | | 112.0 ppm | Fig. | | | |
| Mn - Manganese | | . 17.0 ppm | Vin teletyr | | 995831 | |
| CI - Chloride | ur. | 8.4 . meq | Lamin | | | 12 |
| Cation Exchange | Capacity meq/10 | 0 gm 13.3 (Est High | · · | | | |
| Excess Carbonate | | None | i Miniskapaa | di la companya da la | ommendation | |
| SMP Buffer pH | | | P. | 0 lbs/Acre | B Zh | 0 lbs/Acre (0 lbs/Acre |
| TASUSCENSOR VERSION | | (1975年4月19日) - ELSEYFA 編成 | Cu | 0 lbs/Acre | Mn | 0 lbs/Acre |

Notes:

The micronutrients recommended are in lbs/acre on a broadcast elemental basis. If micronutrients are banded, divide the recommended value by 3. If chelated fertilizers are used, divide the recommendation by 4.

Research has shown that optimum yields are obtained with Nitrogen split into 2 to 4 applications. Recommended Nitrogen Is based on 90% efficiency of application. Highest losses of Nitrogen occur with winter applications. Early Spring to late Summer is the optimum time to apply Nitrogen.

TKN 941mg/L TN 1,28% MOIST 72.9% TDS 1620mg/L TOC 3,3%

Every effort is taken to provide an accurate analysis of the sample provided. For reasonable cause a sample can be retested, but due to factors beyond our control in sampling procedures and the inherent variability of soll, our liability is limited to the price of the tests. Recommendations are to be used as general guides and should be modified for specific field conditions and application methods,



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Dunn Enviromental Inc

Lab# S73994909 Variety: Acres:

Date Received: Date Completed:

7/09/2009 7/09/2009

5060 Robert J Matthews Parkway Suite 2

Yield: 1 Tons

El Dorado Hills, CA 95762

Crop: Fallow Sample ID: 6-30 SOUTH SIDE

G PYKA

| Soil Test Results | Very Low | Nutrient Low | s Balance Normal | Chart High | Very High |
|--|--|-----------------|----------------------|---------------|--------------------------|
| | m.mhos | | 2200 | | |
| Soluble Salts 1,907 | PPM) | 1 | | 8 <u>8</u> | |
| NH2 Ammonium Nitrogen PO ₄ - Olsen Phosphorus 119 | ppm p | | | | |
| PO4 Bray Phosphorus Base Saturation % Ammont | //ppma | | | | |
| K - Potassium 13.9 2 - 5 % Acetate 729 | ppm | ı H | | Birlin | |
| Ga Galdlum 44/2 65-80 % 1,190 Mg - Magnesium 18.2 10-20 % 297 | ppm Mg | | | | p |
| Na Sodium 146 0-5% 451 B - Boron 0.28 | ppm B | | | | |
| Zn Zinc 5400 | ppm Fe | 1 - 1.57 | | | |
| Cu Copper 42:0 Mn - Manganese 15.0 | | | 12 /2 /3 (1) 20 s | | - |
| SO2 Sulfate Sulfur 90 Cl - Chloride 7.6 | Sappma S | | 1 | | |
| Organic Matter Cation Exchange Capacity meq/100 gm 13.4 | The state of the s | | | | |
| Percolation Excess Carbonates None | | Fertilizer F | Recomme | ndations | |
| IFree Lime: SMP Buffer pH | | 10 lbs/Acre | | WEAR SHE | 0 lbs/Acre |
| Sivir bullet pri | | | e Zhe | 经济的 關 | |
| | Cu | 0 lbs/Acre | 50000 | | 0 lbs/Acre ∵Tons/Acre |
| Motor: | 140 | - 10 | | | |

The micronutrients recommended are in lbs/acre on a broadcast elemental basis. If micronutrients are banded, divide the recommended value by 3. If chelated fertilizers are used, divide the recommendation by 4.

Research has shown that optimum yields are obtained with Nitrogen split into 2 to 4 applications. Recommended Nitrogen is based on 90% efficiency of application. Highest losses of Nitrogen occur with winter applications. Early Spring to late Summer is the optimum time to apply Nitrogen.

TKN 711mg/L TN .827% MOIST 68.4% TDS 1540mg/L TOC 2.7%

Every effort is taken to provide an accurate analysis of the sample provided. For reasonable cause a sample can be retested, but due to factors beyond our control in sampling procedures and the inherent variability of soil, our liability is limited to the price of the tests. Recommendations are to be used as general guides and should be modified for specific field conditions and application methods.



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Lab# \$73994910

Variety:

Dunn Enviromental Inc

Date Received: Date Completed:

Crop: Fallow

7/09/2009 7/09/2009 Acres: Yield: 1 Tons 5060 Robert J Matthews Parkway

Suite 2

El Dorado Hills, CA 95762

Sample ID: 6-26 NW CORNER

GPYKA

| Soil Test Results | Very Low | Nutrien | ts Balance Normal | Chart High | Very High |
|---|--------------|---------------------------------------|-----------------------|---------------|------------|
| [pH:// | DHI S | | | riigii | Very might |
| E.C.e 2.92 m.mhos | F(C)te | i i i i i i i i i i i i i i i i i i i | 大田田 | 7 1 | 1 |
| Soluble Salts 1,869 ppm | | | • | | |
| NO ₃ - Nitrate Nitrogen 116 ppm | N | | | | |
| NH4 Ammonlum Nitrogen PO4 - Olsen Phosphorus 122 ppm | | ! | | | |
| PO4 - Disen Phosphorus 122 ppm | 9 | į | | | |
| Base Saturation % Ammonium | | | | | * |
| K - Potassium 13.5 2 - 5 % 661 ppm | K | i | | 1 B 7 T 5 | |
| Ca Calcium 87.8 65-80 % 950 ppm | Ga . | | · · | | |
| Mg - Magnesium 18.8 10-20 % 286 ppm | Mg) | 7000 | | | |
| Na Sodium 13:2 0 5 % 381 (ppm: | Na . | | | | |
| B - Boron 0.35 ppm | | | | | |
| Zn Zinc 45:0) ppm | 201 | 1 | | | |
| Fe - Iron 226.0 ppm (Cu) Copper 15.0 ppm | (in) Chuj | E DAVING ENGINEE | Salari de State de la | | |
| Mn - Manganese 24.0 ppm | | | | | |
| SOA Sulfate Sulfur 1604 ppm] | 3 | LI MARIE PRODUCE | MONTO STATE | | |
| .Cl - Chloride · 9.1 meg/l | | | | | |
| Otganio Matter | OM | 1. | | | |
| Cation Exchange Capacity meq/100 gm 12.5 (Est.) | | | | | |
| Rercolation High Excess Carbonates None | · F | ertilizer l | Recomme | ndations | |
| 16-21-5-49-6-49-6-6-5-1-5-1-5-4-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6 | | | | | 0. Bs/Acre |
| SMP Buffer pH | P. | 0 lbs/Acr | e B | CONTRACTOR | 0 lbs/Acre |
| | Karryny | | | | 0 lbs/Acre |
| | Cu | 0 lbs/Acr | e Mn | | 0 lbs/Acre |
| | ulme | 0. Tons/A | ore Gyps | um 🕏 | Tons/Acre |
| Notes: | | • | | | |

The micronutrients recommended are in lbs/acre on a broadcast elemental basis. If micronutrients are banded, divide the recommended value by 3. If chelated fertilizers are used, divide the recommendation by 4.

Research has shown that optimum yields are obtained with Nitrogen split into 2 to 4 applications. Recommended Nitrogen is based on 90% efficiency of application. Highest losses of Nitrogen occur with winter applications. Early Spring to late Summer is the optimum time to apply Nitrogen.

TKN 616mg/L TN .717% MOIST 62% TDS 1510mg/L TOC 2.8%

Every effort is taken to provide an accurate analysis of the sample provided. For reasonable cause a sample can be retested, but due to factors beyond our control in sampling procedures and the inherent variability of soil, our liability is limited to the price of the tests. Recommendations are to be used as general guides and should be modified for specific field conditions and application methods.



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|--|-----------------|------------------------------|------------|-----|-------|----------|-----|-------|----------|----------------------|
|--|-----------------|------------------------------|------------|-----|-------|----------|-----|-------|----------|----------------------|

Submitted By:

\$74054601

Con Agra Foods

Date Received:

8/12/2009

Date Completed:

8/12/2009

554 S. Yosemite

Crop: Fallow

Yield: 1 Tons

Variety:

Acres:

Oakdale, CA 95361

Sample ID: KM-1 Ag

Geoff Pyka

| | and the second s | Good 1 yku |
|------|--|--|
| | Soil Test Results | Very Low Nutrients Balance Chart Very Low Normal High Very High |
| | lottings (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) | |
| V | NO3-Nitrate Nitrogen 141 ppm | |
| | Nitrada nemontum viltegen. P04 - Olsen Phosphorus 125 ppm | |
| | ROM BIAM PHOSPHORUS COMMON TO THE TOTAL COMMON TO THE PARTY OF THE PAR | |
| | Base Saturation % Ammonlum Yours Optimum Acetate K Potassium 24.7 2 - 5 % 2,580 ppm | |
| / | CENT. C. 1. | M/meserphinament makes and |
| 1 | New 1674 Um 1977 10 6 % 1229 1 ppm | |
| 1 | B - Boron 0.06 ppm 20.06 ppm | |
| | Fe :- Iron 70.0 ppm | |
| ′.] | Mn - Manganese 54.0 ppm | |
| 1 | ŚOZIAS UITATO IS UTUTA I PO | Black Co. Bank Co. Carlotte Co. |
| 4 | OrganoManel | -CI OM |
| .[] | Cation Exchange Capacity meq/100 gm 26.8 (Est.) | |
| | Excess Darbonates None | Fertilizer Recommendations |
| 1 | SMP Buffer pH | P 0 lbs/Acre B 0 lbs/Acre |
| . 0 | | Cu 0 lbs/Acre Mn 0 lbs/Acre |
| | and the part of th | In the second of |
| N | lotes: | |

The micronutrients recommended are in ibs/acre on a broadcast elemental basis. If micronutrients are banded, divide the recommended value by 3. If chelated fertilizers are used, divide the recommendation by 4.

Research has shown that optimum yields are obtained with Nitrogen split Into 2 to 4 applications. Recommended Nitrogen is based on 90% efficiency of application. Highest losses of Nitrogen occur with winter applications. Early Spring to late Summer Is the optimum time to apply Nitrogen.

Every effort is taken to provide an accurate analysis of the sample provided. For reasonable cause a sample can be retested, but due to factors beyond our control in sampling procedures and the inherent variability of soil, our liability is limited to the price of the tests. Recommendations are to be used as general guides and should be modified for specific field conditions and application methods.



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Grower: 102-19

Variety:

Lab # S74015308 Date Received: 7

7/22/2009

Acres:

Date Completed: 7/22/2009

Yield: 1 Tons

Crop: Fallow

Sample ID: WP175-Solids

Dunn Enviromental Inc

5060 Robert J Matthews Parkway

Suite 2

El Dorado Hills, CA 95762

J. FOURIE

| | Soil Test Results | 35 | Very Low | Nutrients Baland Low Normal | e Chart High | Very High |
|--|---|--|---|--|--|------------|
| pHygovas sas | | 6;8%_;su | | erenna vener | | |
| E.C.e | annon e e e e e e e e e e e e e e e e e e | 5.06 m.mhos | | | A STATE OF THE STA | |
| Soluble Salts | 第 15年的各位基础的 | 3/238 (**PPM) | 1 | i | | |
| NO ₃ - Nitrate Nitrog | | 298 ppm | N4 . | | | |
| NH4 - Ammonium N PO4 - Olsen Phosp | lltrogen horus | 330 ppm | 2 | | | |
| PO4 Bray Phosph | orus | ppm | | : | | |
| | Base Saturation % Yours Optimum | Ammonium Acetate | lk | | 12 | |
| - Potasslum | 18.7 2 - 5 % | 990 ppm | Qai | | | |
| and the state of t | 35.7 65-80 % | 970' (ppm) | | | | |
| /lg - Magnesium | 19.3 10-20 % | 318 ppm. | N. S. | | | |
| Street and a representation of the second street, | 17.3 0.45 % | A CANADA AND A SALE HAS | | Marian de al | | |
| B - Boron | | 0.36 ppm | | Part of the last | | |
| 'h -Zinc | | 91.01 ppm | | | | |
| e - Iron | | 244.0 ppm | (i) | | | |
| Cu | | 19:0 ppm 17.0 ppm | C)ul Mina Salasa | Sident Port | | |
| | den saterna (1985) de la composição | | | STATE STATE OF THE PARTY OF THE | | |
| CI - Chloride | | 13,2 meq/ | LCL | | | |
| Organic Matter | | | MOM | | | |
| Cation Exchange C | | gm 13.6 (Est.) | | | | |
| Percolation | 是特別數學和 | SEA HIGH COOK | F | ertilizer Recomn | nendation | Q |
| Excess Carbonates | | None | all reconstruction on the con- | | | |
| ree/Lime | | . "原列的斯瓦克斯 | INIGOTO | 0 lbs/Acre S | 是各种政策的 | |
| SMP Buffer pH | No. 254 30 45 37 47 4 47 4 47 4 47 4 47 4 47 4 47 | that provide the second to be a second | P | 0 lbs/Acre B | | 0 lbs/Acre |
| 治的特殊的 | | 用於於於於200個 | | 0 lbs/Acre | | |
| | | | Cú | 0 lbs/Acre M | | 0 lbs/Acre |
| 的問題的形態 | NY SOLD BELLY VALUE OF | TOTAL CHANGE | Lime | 0 Tons/Acre G | ypsum 🖽 🔭 | / Tons/Ac |
| otos: | | | | | | |

Notes:

The micronutrients recommended are in lbs/acre on a broadcast elemental basis. If micronutrients are banded, divide the recommended value by 3. If chelated fertilizers are used, divide the recommendation by 4.

Research has shown that optimum yields are obtained with Nitrogen split into 2 to 4 applications. Recommended Nitrogen is based on 90% efficiency of application. Highest losses of Nitrogen occur with winter applications. Early Spring to late Summer is the optimum time to apply Nitrogen.

TOC 4.3% TN 3.01 FDS 766 MOIST 77.5% TDS 2630 mg/L TKN 8850

Every effort is taken to provide an accurate analysis of the sample provided. For reasonable cause a sample can be retested, but due to factors beyond our control in sampling procedures and the inherent variability of soil, our liability is limited to the price of the tests. Recommendations are to be used as general guides and should be modified for specific field conditions and application methods.



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Lab# \$74015309 Variety:

Date Received:

7/22/2009

Acres:

7/22/2009 Date Completed:

Yield: 1 Tons

Crop: Fallow

Sample ID: WP176-Sludge

Dunn Enviromental Inc

5060 Robert J Matthews Parkway

Suite 2.

El Dorado Hills, CA 95762

J. FOURIE

| Soil Test Results | | Very Low | Nutrients Balance Low Normal | Chart High | Very High |
|--|--|------------------------|---|-------------------|------------------|
| GH AAAAAAAAAAAAAAAAAAAAAAAAAAAA | -57252 7 51473 8 0-85 | BHOUSES | | | |
| E.C.e | 7.49 m.mhos | | | No. of Parties | |
| Soluble Salts | 4,794 ppm | | | | |
| NO ₃ - Nitrate Nitrogen | 410 ppm | N. | APPENDING SERVICE | | |
| NH4-Ammonium Nitrogen PO4- Olsen Phosphorus | 515 ppm | | 1 | | × 10 |
| POZABray Phosphorus | Service Services | | | | |
| Base Saturation % Yours Optimum | Ammonium Acetate | | | | |
| K - Potassium 22.7 2 - 5 % | 2,280 ppm | K | | | |
| Ca:::: Calcium | 1,420 ppm | O. I | i | | |
| Mg - Magnesium 20.1 10-20 % | 628 ppm | M@Model | | | |
| Na Sodium 29.6 0 5 % | The state of the s | NJ. | | The book | Mess- Sec |
| B - Boron | 0.41 ppm | BM | | | |
| | (14110) Sppm | Z.0 | 1 | | <u> </u> |
| Fe - Iron | 294.0 ppm | (ic) C)(q | | | |
| Cu - Copper Mn - Manganese | 22.0 ppm 27.0 ppm | May | SIMPLE COLL COMMENT | | |
| SO4-Sulfate Sulfur | | 3 | | * 0.000 | |
| CI - Chloride | 27.1 meq/L | | i . | 1 | |
| [Organic Matter | | OM | ! | | |
| Cation Exchange Capacity meq/100 | gm 25.7 (Est.) | OW . | <u> </u> | | |
| Percolation Excess Carbonates | Low None | | ertilizer Recomm | endation | <u> </u> |
| Excess Carbonates | | INSTANTAN | 10 lbs/Acre | | |
| SMP Buffer pH | 1477年15年17日 | D | 0 lbs/Acre B | E 2017年前 | 0 lbs/Acre |
| OWE DUTIES PIT | CONTRACTOR LANGUAGE | Kazz | 0 lbs/Acre Zn | Description | |
| Reservations of particular state to preserve and an experience | 25.2%。我是40.0000 人 分 局 | Cu | 0 lbs/Acre Mn | | 0 lbs/Acre |
| [6] 编译 [1] 在 [1] 在 [2] 在 [2] [2] [2] [2] [2] [2] [2] [2] [2] [2] | | ume | 0 Tons/Agre Gy | | |
| Relations by an area (47) and are the partie of a | THE PROPERTY OF THE PROPERTY OF THE | sessonate constitution | 4 01 · (2012/01/01/01/01/01/01/01/01/01/01/01/01/01/ | 02,573701 (023)33 | CHANASIAS LITTES |

The micronutrients recommended are in lbs/acre on a broadcast elemental basis. If micronutrients are banded, divide the recommended value by 3. If chelated fertilizers are used, divide the recommendation by 4.

Research has shown that optimum yields are obtained with Nitrogen split into 2 to 4 applications. Recommended Nitrogen is based on 90% efficiency of application. Highest losses of Nitrogen occur with winter applications. Early Spring to late Summer is the optimum time to apply Nitrogen.

TN .98 FDS 1040 MOIST 96.2%

TDS 3760 mg/L TKN 6940

Every effort is taken to provide an accurate analysis of the sample provided. For reasonable cause a sample can be retested, but due to factors beyond our control in sampling procedures and the inherent variability of soil, our liability is limited to the price of the tests. Recommendations are to be used as general guides and should be modified for specific field conditions and application methods.



1232 South Ave. • Turlock, CA 95380 • Ph. (209) 634-9055 • Fax (206 Submitted By 634-9057 • www.denelelabs.com

S74015310

Variety: Acres:

Dunn Environmental Inc

Date Received:

7/22/2009

5060 Robert J Matthews Parkway

Date Completed:

7/22/2009

Suite 2 Yield: 1 Tons

Crop: Fallow

El Dorado Hills, CA 95762

J. FOURIE

Sample ID: WP176-Solids

| cample 15. WF 170-3011ds | ٠, | · | | | |
|---|-----------------|----------------|-----------------------|---------------|-------------------------|
| Soil Test Results | Very Low | Nutrien Low | ts Balance Normal | Chart High | Very High |
| pH: | olitzat yan | i destruction | | | |
| Sölnble Salfs | 1 | ŀį | | | 8 2 |
| NO ₃ - Nitrate Nitrogen 112 ppm NHz Ammonium Nitrogen ppms PO ₄ - Olsen Phosphorus 131 ppm | N P | | 9 | | |
| Base Saturation % L Ammonium | l constant | | | | |
| Yours Optimum Acetate K - Potassium 18.8 2 - 5 % 831 ppm | K Gal | | | | - |
| Ca - Calcium 39/3 65-80 % 890 ppm² Mg - Magnesium 25.1 10-20 % 345 ppm² Na Sodium 16/9 0-5 % 438 ppm² | Mgj Na | | | | , 1 |
| Na - Sodium 16:9: 0 - 5:% 438 ppm B - Boron 0.31 ppm Zh: 4.Zino 85:0 ppm | B Tombiel Zn | | | 13 | |
| Fe - Iron 238,0 ppm Cu Copper 25:01 ppm | (i.) C)(i) | = | | | |
| Mn - Manganese 16.0 ppm SO4-Sulfate Sulfur 2500 ppm) | Mny S | | | | |
| CI - Chloride 12.2 meq/L Organic Matter | OI | | | · | |
| Cation Exchange Capacity meq/100 gm 11.3 (Est.) | OM | | 7.4 | | |
| Excess Carbonates None | | Fertilizer I | | | |
| SMP Buffer pH | P | 0 lbs/Acr | е В | | 0 lbs/Acre |
| | Cu | 0 lbs/Acr | e Mn | | 0 lbs/Acre Tons/Acre |
| Notes: | TEXAST W | 1200000 | STATISTICAL PROPERTY. | Salle Sale | WALCON STATES |

es. The micronutrients recommended are in lbs/acre on a broadcast elemental basis. If micronutrients are banded, divide the recommended value by 3. If chelated fertilizers are used, divide the recommendation by 4.

Research has shown that optimum yields are obtained with Nitrogen split Into 2 to 4 applications. Recommended Nitrogen is based on 90% efficiency of application. Highest losses of Nitrogen occur with winter applications. Early Spring to late Summer is the optimum time to apply Nitrogen.

TN 1.18 FDS 617 MOIST 76.7% TOC 3.5% TDS 2460 mg/L TKN 9460

Every effort is taken to provide an accurate analysis of the sample provided. For reasonable cause a sample can be retested, but due to factors beyond our control in sampling procedures and the inherent variability of soil, our liability is limited to the price of the tests. Recommendations are to be used as general guides and should be modified for specific field conditions and application methods.



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Lab # \$74015311

Variety:

Dunn Enviromental Inc

Date Received:

Crop: Fallow

7/22/2009

Acres: 5060 Robert J Matthe

Date Completed:

7/22/2009

5060 Robert J Matthews Parkway Suite 2

Yield: 1 Tons St

El Dorado Hills, CA 95762

J. FOURIE

Sample ID: WP178-Solids

| Soll Test Results | Very Low | Nutrien | ts Balance Normal | Chart High | Very High |
|--|----------------------|--------------------|----------------------|---------------|-------------|
| (pH) | 61122 | 2000 | | | |
| E.C.e 4.89 m.mhos Soluble Salts 3/130 ppm | | | | | |
| NO ₃ - Nitrate Nitrogen 152 ppm NH ₄ - Ammonlum Nitrogen | N | | | | |
| PO4- Oisen Priosphorus 128 ppm PO4-Bray Phosphorus ppm | !' | | 24 | | |
| Base Saturation % Ammonium Yours Optimum Acetate K - Potassium 16.7 2 - 5 % 832 ppm | K | | | - | |
| Ga: #Galclum 39!7: 65-80; 71,010 ppm Mg - Magnesium 18.1 10-20 279 ppm | B 7 | | ar en en en | | |
| Na Sodium 16.4 0 - 5% 47,9 ppm | Na | | | | |
| Zn Zinc 86:0 ppm | 3 Z ₁₁ | | | on State W | |
| Cu Copper 16:0 ppm | | : | | | |
| Mn - Manganese 13.0 ppm SOA Sulfate Sulfur 370 ppm | R | | | | : |
| CI - Chloride 11.9 meq/ | L CH L | | | | ! |
| Cation Exchange Capacity meq/100 gm 12.7 (Est.) | باا :ا | | | | |
| Excess Carbonates None | | | Recomme | | |
| SMP Buffer pH | P | 0 lbs/Acre | э В | 200 | 0 lbs/Acre |
| | Cu | 0 lbs/Acre | e Mn | | 0 lbs/Acre |
| Notes: | 刘昱思思(广)为《 | יייין יייין איייין | ч өүр | Sunter | alions/were |

Notes:

The micronutrients recommended are in lbs/acre on a broadcast elemental basis. If micronutrients are banded, divide the recommended value by 3. If chelated fertilizers are used, divide the recommendation by 4.

Research has shown that optimum yields are obtained with Nitrogen split into 2 to 4 applications. Recommended Nitrogen is based on 90% efficiency of application. Highest losses of Nitrogen occur with winter applications. Early Spring to late Summer is the optimum time to apply Nitrogen.

TOC 3.7% TN 1.17 FDS 702 MOIST 72.9%

TDS 2540 mg/L TKN 7950

Every effort is taken to provide an accurate analysis of the sample provided. For reasonable cause a sample can be retested, but due to factors beyond our control in sampling procedures and the inherent variability of soil, our liability is limited to the price of the tests. Recommendations are to be used as general guides and should be modified for specific field conditions and application methods.



232 South Ave. • Turlock, CA 95380 • Ph. (209) 634 634-9057 • www.denelelabs.com

Lab# \$74015304 Variety:

Date Received: 7/22/2009 Acres:

Date Completed: 7/22/2009 Yield: 1 Tons

Crop: Fallow

Sample ID: WP179-Solids

Dunn Enviromental Inc

5060 Robert J Matthews Parkway

Suite 2

El Dorado Hills, CA 95762

J. FOURIE

| Soil Test Results | Nutrients Balance Chart Very Low Normal High Very High |
|---|--|
| habban grang in the street as two memory in the interest and Assessed to the | |
| bHANGER 1990 and 1 | BHOOST AND BUSINESS AND BUSINES |
| E.C.e 5.05 m.mhos | |
| Soluble Salts 3,232 ppm | |
| NO ₃ - Nitrate Nitrogen 214 ppm | |
| NHawAmmonlum Nitrogen PO4 - Olsen Phosphorus 380 ppm | |
| | |
| PO47 Bray Phosphorus Phospho | |
| Yours Optimum Acetate | |
| K - Potassium 17.5 2 - 5 % 937 ppm | |
| Ca - Calcium 43.0 65-80 4 180 ppm | Ca |
| Mg - Magnesium 22.4 10-20 % 373 ppm | Mg. Same Agencian Brownia |
| Na Sodjum 17.0 0-5% 536 ppm | No the last the second second second |
| B - Boron 0.31 ppm | B SAMPAN |
| Zh Zinc 8870 ppm | Zin |
| Fe - Iron 231.0 ppm | lie and a second |
| Cu Copper 19.0 ppm | C).uj |
| Mn - Manganese 14.0 ppm | Who against a factor of the second of the se |
| SOA-Sulfate Sulfur | 3 |
| Cl - Chloride 14.1 meq/L | |
| Organic Matter | OM !! |
| Cation Exchange Capacity meq/100 gm 13.7 (Est.) | |
| Percolation High | Fluction Barrier della |
| Excess Carbonates None | Fertilizer Recommendations |
| Free Lime | No. O lbs/Acre S O lbs/Acre |
| SMP Buffer pH | P 0 lbs/Acre B 0 lbs/Acre |
| | K 0 lbs/Acre Zh 0 lbs/Acre |
| 8 | Cu 0 lbs/Acre Mn 0 lbs/Acre |
| PRESENTATION SERVICES ASSESSMENT | Illime 0 Tons/Acre Gypsum Tons/Acre |
| Notes: | . 1 |

The micronutrients recommended are in lbs/acre on a broadcast elemental basis. If micronutrients are banded, divide the recommended value by 3. If chelated fertilizers are used, divide the recommendation by 4.

Research has shown that optimum yields are obtained with Nitrogen split into 2 to 4 applications. Recommended Nitrogen is based on 90% efficiency of application. Highest losses of Nitrogen occur with winter applications. Early Spring to late Summer is the optimum time to apply Nitrogen.

TOC 4.3% TN 1.51 FDS 941 MOIST 79.3% TDS 2650 mg/L TKN 11200

Every effort is taken to provide an accurate analysis of the sample provided. For reasonable cause a sample can be retested, but due to factors beyond our control in sampling procedures and the inherent variability of soil, our liability is limited to the price of the tests. Recommendations are to be used as general guides and should be modified for specific field conditions and application methods,



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\$74015303

Variety:

Date Received: Date Completed:

7/22/2009 7/22/2009

Acres:

Yield: 1 Tons

Crop: Fallow

Sample ID: WP180-Solids

Dunn Enviromental Inc.

5060 Robert J Matthews Parkway

Suite 2

El Dorado Hills, CA 95762

J. FOURIE

| | Soil Test Results | | Very Low | Nutrient | s Balance Normal | Chart High | Very High |
|--|---|------------------------------------|----------------|------------------------|--|---|------------|
| es incompanyes, est est est est est est | - tomorewen i ensurantisca i isto | e name och et no manne name | BOTTERENSISSER | | | 1,1,01. | |
| рн E.C.e | 的特色或特殊 | 7/3 su 3.66 m.mhos | Affiles | MINISTER STATE | | 4 1 7 40 | |
| Soluble Salts | 80 EXPERSION | 2 342 . PPM | | : | | e e | |
| NO ₃ - Nitrate Nitrog | | 76 ppm | NI: | | | 200 | |
| NH2-Ammonlum:N | | week a second | | | | 4 1 | |
| PO ₄ - Olsen Phospl | | 111 ppm | 17 | | | | |
| PO4 Bray Phospho | | * ppm | | | | | |
| · . | Base Saturation % Yours Optimum | Ammonium Acetate | 17 | i i | | | |
| Potasslum | 20.6 2-5% | 1,050 ppm | 5 | | | | |
| | 46.8 ,65-80 % | 1,220 ppm | Oai | | | | |
| Vig - Magneslum | 18.8 10-20 % | 297 ppm | Melitina | 開始的 | PERM | | |
| TANAL TO A STATE OF THE PARTY O | 13.8 0 5 % | 413 (ppm) | NJ. | D-1 | | | |
| B - Boron | Ny antaran'i ao amin'ny avoana | 0.16 ppm | 8 | | | AND SUMMERS | |
| Zh Zine e - Iron | | 6170 ppm | Zn Re | | | | |
| -e - iron Cus -(Copper) | aluentetetek | 161.0 ppm | | | | | |
| Vn - Manganese | State William AND WEST | 34.0 ppm | YIAI | | | Marinet . | |
| | CERTIFICATION WAY | 109 100 PT | | Pri managamana ana | - PARTICIPATION OF THE PARTICI | 1.5 4.5 4.4 | N 30 |
| Cl - Chloride | All Control of the Control | 12.2 meg/l | 77 | | | | |
| Organic Matter | 到特性器即为第2 | | ОМ | • | 2 T | | |
| Cation Exchange C | apacity meq/100 | gm 13.0 (Est.) | | ! | | | |
| | GEORGE STREET | |] [| Fertilizer i | Zaanmm | ndetlene | |
| Excess Carbonates | | None | | | | | |
| | TEATON WIL | | 7.74 | 프로 하기의 공급하게 하는 그리아 있다. | | Y WAR CONT | Olbs/Acre |
| SMP Buffer pH | s markking openstrade (na och em | t mistagements and analytical | P. | 0 lbs/Acr | 1988 - 1984 - Henry Williams | SULT 11 No. 20 19 19 19 19 19 19 19 19 19 19 19 19 19 | 0 lbs/Acre |
| 多种研究的 别 | 時期持續建設的開 | CONTRACTOR PARTIES | K | | ė, Zn. | 4.75、图象数 | O Ibs/Acre |
| Contra that of high Winners Co. 1977 | ette produktion ette et 1. Desember 11. | or the member of Americanisms | Cu | 0 lbs/Acr | entra de la constante. | Sanaxaaaa | 0 lbs/Acre |
| DAMARINE SANDA | 是高层发生的影響。 | alter (seddina) | alume? | Unit ons/ | cre Gyr | Summer | Tons/Ac |
| otes: | ₽ | | | ; | | | |

The micronutrients recommended are in lbs/acre on a broadcast elemental basis. If micronutrients are banded, divide the recommended value by 3. If chelated fertilizers are used, divide the recommendation by 4.

Research has shown that optimum yields are obtained with Nitrogen split into 2 to 4 applications. Recommended Nitrogen is based on 90% efficiency of application. Highest losses of Nitrogen occur with winter applications. Early Spring to late Summer is the optimum time to apply Nitrogen.

TOC 4.2% TN .95 FDS 610 MOIST 43.1% TDS 1880 mg/L TKN 5712

Every effort is taken to provide an accurate analysis of the sample provided. For reasonable cause a sample can be retested, but due to factors beyond our control in sampling procedures and the inherent variability of soil, our liability is limited to the price of the tests. Recommendations are to be used as general guides and should be modified for specific field conditions and application methods.



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S74015302

Variety: Acres:

Yield: 1 Tons

Dunn Enviromental Inc

Date Received:

7/22/2009

5060 Robert J Matthews Parkway

Date Completed:

Suite 2

7/22/2009

El Dorado Hills, CA 95762

Crop: Fallow

J. FOURIE

Sample ID: WP181-Solids

| Soil Test Results | Very Low Low Normal High Very High |
|---|--|
| pH 6:9 su E.C.e 4.86 m.mhos | S I CO |
| NO ₃ - Nitrate Nitrogen 88 ppm | |
| NH2-Ammonium Nitrogen PO4- Olsen Phosphorus 128 ppm | |
| P04 Bray Phosphorus Base Saturation % Ammonium Yours Optimum Acetate | |
| K - Potassium 22.1 2 - 5 % 1,020 ppm | Karata in a same |
| Ca (Calcium 36/8 65-80% 870 ppm) | |
| Mg - Magnesium 23.4 10-20 % 336 ppm | |
| Nav-Sodium 17/7 0 5 % 481 105 mg B - Boron 0.38 ppm | B |
| B - Boron 0.38 ppm Zn - Zino 78(0) ppm | |
| Fe - Iron 254.0 ppm | |
| CU Copper 2010' ppm | |
| Mn - Manganese 14.0 ppm | Win days a see to a s |
| SO4-Sulfate/Sulfur | (3) |
| CI - Chloride 12.9 meq/ | |
| Organio Matter | Ом |
| Cation Exchange Capacity meq/100 gm 11.8 (Est.) | 1 |
| Percolation | Fertilizer Recommendations |
| Excess Carbonates None | i étilizei itecommendadons |

| Excess Carbonates None | . F | ertilizer Rec | ommenda | tions |
|---|------------------|---------------|-------------|------------|
| Free Lime | Newspaper | 0 lbs/Acre | S// | 0/lbs/Aore |
| SMP Buffer pH | P | 0 lbs/Acre | В | 0 lbs/Acre |
| PERSONAL PROPERTY AND | Kentan | O lbs/Acre | Zn: id idea | 0 lbs/Acre |
| | Çu | 0 lbs/Acre | Mn | 0 lbs/Acre |
| | Ume / | 0 Tons/Acre | Gypsum | Tons/Acré |

Notes:

The micronutrients recommended are in lbs/acre on a broadcast elemental basis. If micronutrients are banded, divide the recommended value by 3. If chelated fertilizers are used, divide the recommendation by 4.

Research has shown that optimum yields are obtained with Nitrogen split into 2 to 4 applications. Recommended Nitrogen is based on 90% efficiency of application. Highest losses of Nitrogen occur with winter applications, Early Spring to late Summer is the optimum time to apply Nitrogen.

TOC 3.6%

TN 1.04 FDS 490 MOIST 74%

TDS 2550 mg/L TKN 9464

Every effort is taken to provide an accurate analysis of the sample provided. For reasonable cause a sample can be retested, but due to factors beyond our control in sampling procedures and the inherent variability of soil, our liability is limited to the price of the tests. Recommendations are to be used as general guides and should be modified for specific field conditions and application methods.



102-19²³² South Ave. • Turlock, CA 95380 • Ph. (209) 634-9055 • Fax (20) 634-9057 • www.denelelabs.com

Lab # S74015301

Variety:

Date Received: Date Completed:

7/22/2009 7/22/2009 Acres:

Yield: 1 Tons

Crop: Fallow

Sample ID: WP182-Solids

Dunn Enviromental Inc

5060 Robert J Matthews Parkway

Suite 2

El Dorado Hills, CA 95762

J. FOURIE

| pH: | |
|--|--|
| E.C.e 5.80 m.mhos | |
| E.C.e 5.80 m.mhos Săltis Sălti | 1 2 |
| NO ₃ - Nitrate Nitrogen 161 ppm | |
| NH2 Ammonium Nitrogen 345 ppm | |
| POx-Bray Phosphorus | |
| Base Saturation % Ammonium Yours Optimum Acetate | |
| K - Potassium 19.5 2 - 5 % 1,230 ppm | |
| Ca / Calcium: 31/9/ 65/80 % 1030 ppm | |
| Mg - Magnesium 16.8 10-20 % 330 ppm | |
| Na Sodium 22.7 0.45% 840/ sppm | |
| B - Boron 0.32 ppm | |
| Zh Zinc 86(0 ppm 21) | in the same of the |
| Fe - Iron 249.0 ppm Cu | |
| Mn - Manganese 14.0 ppm | |
| SOA Sulfate Sulfur | 524 |
| Cl - Chloride 15.1 meg/L | the second of the second of the second of |
| Organic Matter | |
| Cation Exchange Capacity meq/100 gm 16.1 (Est.) | |
| Percolation High | zer Recommendations |
| | |
| | 7Acre SI |
| and the companies of th | S/Acre B 0 lbs/Acre |
| | S/Acre Zn 0 lbs/Acre |
| | s/Acre Mn 0 lbs/Acre |
| Notes: | Martin Should World |

The micronutrients recommended are in lbs/acre on a broadcast elemental basis. If micronutrients are banded, divide the recommended value by 3. If chelated fertilizers are used, divide the recommendation by 4.

Research has shown that optimum yields are obtained with Nitrogen split into 2 to 4 applications. Recommended Nitrogen is based on 90% efficiency of application. Highest losses of Nitrogen occur with winter applications. Early Spring to late Summer is the optimum time to apply Nitrogen.

TOC 4.2% TN 1.23 FDS 876 MOIST 84.8% TDS 3070 mg/L TKN 11704

Every effort is taken to provide an accurate analysis of the sample provided. For reasonable cause a sample can be retested, but due to factors beyond our control in sampling procedures and the inherent variability of soil, our liability is limited to the price of the tests. Recommendations are to be used as general guides and should be modified for specific field conditions and application methods.



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S74017103

Variety:

Dunn Enviromental Inc

Date Received: Date Completed: 7/22/2009

Acres:

5060 Robert J Matthews Parkway

7/22/2009

Suite 2

Crop: Fallow

Yield: 1 Tons

El Dorado Hills, CA 95762

Sample ID: WP183 SOLIDS

MAX MARCHOL

| | Soil Test Results | • | (*(*) | Very Low | Nutrien Low | ts Balance Normal | Chart High | Very High |
|------------------------------------|--|---------------------|------------------|---|----------------|----------------------|--|-------------|
| pH/commons.com | zenyzajentou: | 7.7.7.2 | # su @5 | 5HV AV STAR | | | | |
| E.C.e | Calling Street 1977 (17. 30) | 3.53 n | ı.mhos | F(C)e | | | | n i |
| Sölüble;Salts/7007676 | MECHANICAL PROPERTY | | ppm | | | | | i . |
| NO ₃ - Nitrate Nitrogen | | 155 | ppm | M | | | | |
| NH4-/Ammonium Nitr | ogen (Section 1) | | PPM | | • | | | |
| PO ₄ - Olsen Phosphol | rus | 118 | ppm | 2 | | | MI STEEL STREET | DE CALLED |
| POX Bray Phosphoru | (s /31/3/3/3/3/3/3/3/3/3/3/3/3/3/3/3/3/3/3 | 学生的现在分 | ppm | | | | | |
| В | Base Saturation % Yours Optimum | Ammonius Acetate | m | | | | | |
| K - Potassium | 17.5 2 - 5 % | 567 | ppm [.] | 4 | | | | |
| Cav-Calclum (1995) | 51.2 65-80 % | 850 | ppmy | Qai . | | | | |
| | 18.8 10-20 % | 189 | ppm | Mg Kos | | | | |
| Na - Sodium | 12.6 0.45% | 240 | ppm | (हो) | | | | |
| B - Boron | | 0,23 | ppm | BCCLARA | | | | |
| Zn Zihe- | | 4870 | Endag | Zn : | ALL ALLE | | | |
| Fe - Iron | THE CHARGE IN COURT CONTROL THEN | 158,0 | ppm | Fie) | ; | | | |
| Cur-Copper | 5%的数据实现较 | 10,0 | ppm | Out | | | | |
| Mn - Manganese | | 6.3 | ppm | Vialue | | 1 | · ± | |
| SO4-Sulfate Sulfur | WENT TO THE THE | 225 | ppm | 3 | | | | |
| CI - Chloride | | 9.6 | meq/L | Sir | | | | THE WAY |
| Organic Matter | 作品等的现在分 | 學例為這 | % | OM . | ! | | ((*) | 100 |
| Cation Exchange Cap | | | (Est.) | | - | | | |
| Percolation | | High | | | The william of | Попривио | | |
| Excess Carbonates | | None | | | : | Recomme | | |
| JFree Lime | 2月1日第1日後月日 | | | Nation of the | | 2000 | | 0 lbs/Acre |
| SMP Buffer pH | | | | P | 0 lbs/Acr | | | 0 lbs/Acre |
| 医阿罗斯特别的 | 是这些的。到不是 | | | Kallyan | | e Zn | | 0 lbs/Abre |
| | | | | Cu | 0 lbs/Acr | | | 0 lbs/Acre |
| [外层的路径处理器] | NEW MARKET | 阿斯拉克斯 | | ume | 10 Tons/A | cre Gyps | sum straig | //Tons/Acre |
| Notes: | | | | promoter to the trackly | | | The second of th | |

The micronutrients recommended are in lbs/acre on a broadcast elemental basis. If micronutrients are banded, divide the recommended value by 3. If chelated fertilizers are used, divide the recommendation by 4.

Research has shown that optimum yields are obtained with Nitrogen split into 2 to 4 applications. Recommended Nitrogen is based on 90% efficiency of application. Highest losses of Nitrogen occur with winter applications. Early Spring to late Summer is the optimum time to apply Nitrogen.

FDS 326 TN .72 MOIST 62.3% TDS 1810 mg/L TOC 2.6% TKN 5090

Every effort is taken to provide an accurate analysis of the sample provided. For reasonable cause a sample can be retested, but due to factors beyond our control in sampling procedures and the inherent variability of soil, our liability is limited to the price of the tests. Recommendations are to be used as general guides and should be modified for specific field conditions and application methods.



Grower: 102-19 232 South Ave. • Turlock, CA 95380 • Ph. (209) 634-9055 • Fax (209) 634-9057 • www.denelelabs.com

S74017102

Variety:

Date Received: Date Completed: 7/22/2009

Acres:

7/22/2009

Yield: 1 Tons

Crop: Fallow

Sample ID: WP183 SLUDGE

Dunn Enviromental Inc

5060 Robert J Matthews Parkway

Suite 2

El Dorado Hills, CA 95762

MAX MARCHOL

| n se | Soil Test Results | | Very Low | Nutrients Bal Low Norr | ance Chart nal High | Very High |
|--|--|----------------------------------|--|-----------------------------|---|----------------------------------|
| pHerenesser | 5448.6037655555556 | | iúroi bhi | | 7 | |
| E.C.e | PROBLEM PARRICHAL RESPON | 5.20 m.n | 2 155 757 Parent Committee of the Comm | | | J. Brand |
| Soluble Salts | | 3)328; P | pmy | | | |
| NO ₃ - Nitrate Nitro | | 276 p | ppm J | | * | |
| NH4-Ammonium | | | PM | li l | | |
| PO ₄ - Olsen Phos | T | | ppm m | | Service War | |
| PO4 - Bray Phosp | horus Base Saturation % | Ammonium | pms | | 5 8 5 | |
| | Yours Optimum | Acetale | 1 | į. | | |
| K - Potassium | · | | ppm Cal | | | * 0* 15 5 |
| | / 31/2 65-80 % | | 展出版 | | 25.90016 | 1 |
| Mg - Magnesium | | | opm M9 | | | |
| A Market Wallett Come and A Committee Committe | //23/3 07-5% | | URGIT . | | 1 (6) (a) (6) (5) (6) | : it to the little of the little |
| B - Boron | ระบริการสะบาชยากมองเกรเกรเกร | | pm B A | | | |
| Zn∷-Zinc∷-⊹ Fe - Iron | | | ppm Fe | | | |
| Cu + Copper | angonas program i melangga | 11770-1-00-00-00 B | pmg Qu | | | |
| Mn - Manganese | the state of the s | Sites and appropriate the safety | ppm Whys | Religion of the | | |
| | | 53(CLE)-233 | pmil : | : Entremolecularies Enteres | | - 1 Table 1 Table 1 |
| Cl - Chloride | Maria de Carlos de Argon de Carlos de Argon de A | | neq/L | | | |
| Organic Matter | ESPONDATE GA | | M OM | | * | |
| Cation Exchange | Capacity meq/100 g | gm 15:7 (I | Est.) | <u> </u> | | |
| Percolation | | GC, High | | He (111 ha | 1 4 | |
| Excess Carbonate | 98 | None | | Fertilizer Reco | | |
| | | | 的。 阿斯 NKAKA | 0 lbs/Aore | \$1\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | 0 lbs/Acre |
| SMP Buffer pH | | | . P | 0 lbs/Acre | В | 0 lbs/Acre |
| 经验的数据 | | | 经数据公司 | 0 lbs/Acre | | 0)lbs/Acre |
| . W | | | Cu | . 0 lbs/Acre | Mn | 0 lbs/Acre |
| 自然特殊的 | 和2007年期的時期 | 的的多种關 | Will Ume | 0 Tons/Acre | Gypsum. | Tons/Acre |
| Notes: | | | | | | |

The micronutrients recommended are in lbs/acre on a broadcast elemental basis. If micronutrients are banded, divide the recommended value by 3. If chelated fertilizers are used, divide the recommendation by 4.

Research has shown that optimum yields are obtained with Nitrogen split into 2 to 4 applications. Recommended Nitrogen is based on 90% efficiency of application. Highest losses of Nitrogen occur with winter applications, Early Spring to late Summer is the optimum time to apply Nitrogen.

FDS 581 TN 1.38 MOIST 85.7% TDS 2730 mg/L TOC 3.7% TKN 8740

Every effort is taken to provide an accurate analysis of the sample provided. For reasonable cause a sample can be retested, but due to factors beyond our control in sampling procedures and the inherent variability of soil, our liability is limited to the price of the tests. Recommendations are to be used as general guides and should be modified for specific field conditions and application methods.



1232 South Ave. • Turlock, CA 95380 • Ph. (209) 634-9055 • Fax (209) 634-9057 • www.denelelabs.com

Lab# S74017101

Variety:

Date Received:

7/22/2009

Acres:

Date Completed: 7/22/2009

Yield: 1 Tons

Crop: Fallow

Sample ID: WP187

Dunn Environmental Inc

5060 Robert J Matthews Parkway

Suite 2

El Dorado Hills, CA 95762

MAX MARCHOL

| * | Soll Tes | t Results | | W | Very Low | Nutrient Low | s Balanc Normal | e Chart High | Very High |
|--|--------------------------|-----------------|--------------------------------|------------------|--------------|------------------|--------------------|-----------------|-------------|
| mHreatautautauasika | riderotako | STANCTERSON | DAMERICAN | o s usta | | i commence | | | |
| pH E.C.e | (2) 清洁(3) (4) | Philipping A.K. | 4.73r | n.mhos | | annous General I | enemonical at | | |
| Soluble Salts | (15)(*) (15)(2)(2) | | 3,027/ | ppm | | 1 | | | |
| NO ₃ - Nitrate Nitroge | en | | 189 | ppm | N. | | | | |
| NHa - Ammonium N PO ₄ - Olsen Phosph | itrogen iorus | | 128 | ppm4 | | | | | |
| POA - Bray Phospho |) us | aranan a | | ppm | • | | | 2.0 | |
| - | Base Sat | uration % | Ammonii Acetate | ım | | i | | | |
| K - Potassium | .18.7 | 2-5% | 1,010 | ppm | 6. | | E | | |
| Ca Calcium | | | ;;;;;930 <u>;</u> | ppm | 71 | | | 1 II | 1 |
| Mg - Magnesium | | 10-20 % | 330 | ppm _. | Mg was a | 国际 | | | |
| Na (Sodium) | 19:1 | 0 - 5 % | | ppm | Ma | State! | | | |
| B - Boron | | | 0.38 | ppm | 8 | 建筑线 | | | |
| Zh Zino | | | 72.0 | ppm | Za [| | | | |
| Fe - Iron | | | 206.0 | ppm | Fe | inerators em | nan-a-ni-a-d | | |
| Cu Copper | | ALC: WAS | 1219 | | C)Ur and G | | | 11 | |
| Mn - Manganese | | | 13.0 | ppm | Mio alla del | 14 | | | |
| ISO4 Sulfate Sulfur | 11.7 | 450EM | | KPP101 | 3 | | | | |
| CI - Chloride | ozakon na | | 13.9 | meq/L | 10. | 5 | | | * <u> </u> |
| Organic Matter | YAZAYATA | mag/10/ | 0 gm 13.8 | /∖‰∏.] (Est.) | OM | | | 58.1 | |
| Cation Exchange C | | | | | | | | | |
| Percolation | | HELLINGE: | None | 和於1 | F | ertilizer l | Recomm | endations | 3 |
| Free Lime | | NAME OF | | | INTERNATION | OTBS/Acr | | | 0 lbs/Acre |
| SMP Buffer pH | | · advantage | and an arm of the first of the | va. e-:: | P | 0 lbs/Acr | | 37 | 0 lbs/Acre |
| | 2018 1 (BB) | | | 1777 | Kinthy | O lbs/Acr | e Zn | TELEPHONIA | 01bs/Acre |
| LOUIS CONTRACTOR LANG. | r | most it stady | n 2012. U. | er o entresida | Cu | 0 lbs/Acr | | | 0 lbs/Acre |
| PASSESSES AND A STATE OF THE PASSES AND A ST | 多类的 | CONTRACT. | 基础的 | | ume // / | 0/Tons/A | cre/ //Gy | /psum/// | :-Tons/Acre |

Notes:

The micronutrients recommended are in lbs/acre on a broadcast elemental basis. If micronutrients are banded, divide the recommended value by 3. If chelated fertilizers are used, divide the recommendation by 4.

Research has shown that optimum yields are obtained with Nitrogen split into 2 to 4 applications. Recommended Nitrogen is based on 90% efficiency of application. Highest losses of Nitrogen occur with winter applications. Early Spring to late Summer is the optimum time to apply Nitrogen.

FDS 564 TN 1.27 MOIST 79.3% TDS 2480 mg/L TOC 3.7% TKN 10080

Every effort is taken to provide an accurate analysis of the sample provided. For reasonable cause a sample can be retested, but due to factors beyond our control in sampling procedures and the inherent variability of soil, our liability is limited to the price of the tests. Recommendations are to be used as general guides and should be modified for specific field conditions and application methods.

argon laboratories

13 August 2009

Geoff Ryka ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361

RE: ConAgra Oakdale Project Data

Enclosed are the results for sample(s) received on 08/06/09 15:30 by Argon Laboratories. The sample(s) were analyzed according to instructions in accompanying chain-of-custody. Results are summarized on the following pages.

Please see quality control report for a summary of QC data pertaining to this project.

The sample(s) will be stored for 30 days after completion of analysis, then disposed of in accordance with State and Federal regulations. Sample(s) may be archived by prior arrangement.

Thank you for the opportunity to service the needs of your company.

Sincerely,

Hiram Cueto Lab Manager

| Project No. Project Name Committee | | (Print) | | | | | | | | |
|--|-----------------------|---|--------------|--------|------------|---------|-------|---------------|--|---------------------|
| Project Name: Project Name: | mpany | · · | | | | | | | | |
| Project Name: Project Name: Page of | SAIR | | | | | | | Company | | |
| Project Name: Project Name: Project Name: Project of 1 Project Name: Project of 1 Project Name: | to/Time | (Signature) | Received By: | | | - | 7 | DateTin | signature) | |
| Project Name: Project Name: Propertiess Propertiess | mpany | Print | | | ; | ٠. | | | | |
| Project Name: Project Name: Properties: Properties: | to Time | | Received By: | | | P | 1 ^ | Date/Tin | THE PERSON NAMED IN COLUMN TO PERSON NAMED I | Kelinquished By: |
| Parameters Page I of J. Page I o | | | | | H | | F | L | | |
| Project Name: Page Lof J. Page Lof J. Page Lof J. | 3 | | | | | | | | | |
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| Project Name: Print) Parameters Page L of] Page L of] | | | | | - | | - | \perp | | |
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| Project Name: Project Name: Page L of] | | | | | - | | + | | | |
| Project Name: Project Name: Page L of 1. | | Argon for Metals | | | | - | + | + | + | |
| Project Name: Page of | - | Denele for the Inorganics. | | | + | | + | + | - | |
| Project Name: Project Name: Page of | | Quote JM062209DN | - | | - | | ŀ | + | | |
| Page I of J. Pa | | TDS, Cloride, FDS, TKN | | | - | | + | - | | |
| Project Name: (Print) (Print | | **Na%, Moisture, TOC, Total N, Buffer pH, | | | - | | + | $\frac{1}{1}$ | - | |
| Project Name: (Print) Geolf R/ RA Date Time 19 60 19 10 Sampling pure 19 10 10 10 10 10 10 10 10 10 10 10 10 10 | ٠ | Mg, Na, SAR, Av. P, Ex.K, B, Zn, Mn | | | | | + | _ | | |
| Project Name: (Print) (Cont) (VKA) Page 1 of 1. Page 1 | Invoice To | * CEC,NO3,Carbonate,pH,Soluble-Salts, Ca | | × | - | +- | | 42 | _ | K3- |
| Project Name: Page L of J. P | | Remarks: | | | [Entire] | | Other | 1 | - | Number |
| Project Name: Page L of J. P | | | | | wingA*: | stno Di | | | | Sample |
| Project Name: Page L of J. | (AVAICE 10) | | | \geq | | 0.0N | | | 6. | (|
| Project Name: Page L of J. Page L of J. Page L of J. Page L of J. Project Name: Page L of J. | A FIRST OF HESS | | | ~ | | | | | | |
| Project Name: Parameters Parameters Page L of J. | OFFI PHILE COTRACTORY | | | | 77 - 28 | | D'KP | ろ | (Pr | Sampler (Signature) |
| Project Name: Parameters Parameters Page of | C. OO QUAL TO | - Preservative | \$ 1.00 m | 77 | | 2 | | | | |
| | | Page of | rameters |) Par | | | 9 | oject Name | Pra | Project No. |
| | | | GE/ (I) | | # SEC. 17. | | 8 | | | |

ARION LAB

Argon Laboratories Sample Receipt Checklist

| Client Name: | ConAgra Oakda | ale | ¥) | | | - | Date & Time I | Received: | 08/06/09 |) | 15;30 |
|------------------------|---------------------|-------------|-------------|-------|------------------|--------------------|----------------------|-------------|----------|-----|-------|
| Project Name: | ConAgra Oakda | ale | | | | | _ Client Project | Number: | | *** | |
| Received By: | M.G. | | | Mat | trix: | Water | Soil | | Sludge | | |
| Sample Carrier: | Client | Lab | oratory | 1 | Fed Ex | UPS | Other | | | | |
| Argon Labs Project | Number: | <u>J908</u> | <u>8016</u> | | | n sat | | | | | |
| Shipper Container in g | good condition? | | | | | Samples received | d in proper contair | ers? | Yes 🗸 | No | |
| * ¹ 10 | N/A | Yes | ~ | No | | Samples received | d intact? | | Yes 🗸 | No | |
| Samples received und | er refrigeration? | Yes | V | No | | Sufficient sample | volume for reque | sted tests? | Yes 🗸 | No | |
| Chain of custody prese | ent? | Yes | 7 | No | | Samples received | d within holding tin | ne? | Yes 🗸 | No | |
| Chain of Custody sign | ed by all parties? | Yes | 7 | No | ⁷ □ . | Do samples conta | ain proper preserv | | Yes 🗌 | No | Π. |
| Chain of Custody mate | ches all sample lai | pels? | | | | Do VOA vials conta | in zero headspace? | | , so 🗀 | 110 | |
| | | Yes | V | No | | (·•. | (None submitted | _ | Yes 🗌 | No | |
| 14 | . ANY "N | o" RE | SPONSE | MUST | BE DETA | ILED IN THE COM | MMENTS SECTIO | N BELOW | | | |
| Date Client Contacte | ed: | 74 | Si I | -2 | Per | son Contacted: | | | | | |
| Contacted By: | * | | | | Subject: | | | | | | |
| Comments: | | | | | - | | | | | | |
| 1.42 | | | | | | | 4 | | | | |
| | | | | | | | 0 | | | | |
| Action Taken: | * | | | | | | | | | | |
| | | | | | 5). | | | 2 | | | |
| i.e. | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | ΑΙ | DITIO | VAL TEST | (S) REQUEST / O | THER | | | | |
| Contacted By: | | | | | • | Date: | | 2. V 3 | Γime: | | |
| Call Received By: | | | = | | | | | | | | |
| Comments: | | | | 6 | Ti. | | | | | | |
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ConAgra Foods Inc.

554 S. Yosemite Ave.

Oakdale, CA 95361

Project Number: [none]

Project Name: ConAgra Oakdale

Project Manager: Geoff Ryka



Work Order No.: J908016

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------|----------------|
| RM-1 | J908016-01 | Sludge | 08/06/09 12:45 | 08/06/09 15:30 |

argon laboratories 2905 Railroad Ave. Ceres, CA 95307 (209)581-9280 Fax (209)581-9282

ConAgra Foods Inc.

554 S. Yosemite Ave. Oakdale, CA 95361 Project Number: [none]

Project Name: ConAgra Oakdale

Project Manager: Geoff Ryka



Work Order No.: J908016

ANALYSIS REPORT

| Analyte | ē | Result | Reporting Limit Units | Dilution | 9 | Analyzed | Method | Notes |
|--------------------------|-------------------|----------------|--------------------------|----------|-----|-----------|------------------|-------|
| RM-1 (J908016-01) Sludge | Sampled: 06-Aug-0 | 09 12:45 Recei | ved: 06-Aug-09 15:30 | | 200 | | | |
| % Moisture | | 85.7 | 0.1 % by Weight | 1 | | 07-Aug-09 | ASTM D2216-92 | 2: |

argon laboratories

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ConAgra Foods Inc.

554 S. Yosemite Ave. Oakdale, CA 95361 Project Number: [none]

Project Name: ConAgra Oakdale

Project Manager: Geoff Ryka



Work Order No.: J908016

Metals

| Analyte | år (s) | Result | Reporting Limit | Units | Dilution | | | Analyzed | Method | Notes |
|----------------------|---------------|----------------------|--------------------|----------|----------|---|----|-----------|-----------|-------|
| RM-1 (J908016-01) SI | udge Sampled: | 06-Aug-09 12:45 Rece | ived: 06-Aug-0 | 09 15:30 | | | 3 | | | |
| Antimony | | ND | 2.0 | mg/kg | 1 | | 55 | 11-Aug-09 | EPA 6020A | |
| Arsenic | | ND | 1.0 | ۳. | | | | | " | |
| Barium | | 24 | 5.0 | , | | | | | | |
| Beryllium | | ND | 1.0 | | | | | 3.00 | D, | |
| Cadmium | | ND | 1.0 | ical n | h | | | - · | | |
| Chromium | | 7.0 | 1.0 | s n " | | | | | | |
| Cobalt | | ND | 1.0 | | | 2 | | | | |
| Copper | | 3.6 | 2.0 | | | | | .00 | n. | |
| Lead | | ND | 1.0 | * | | | | | | 5) |
| Mercury · | | ND | 0.1 | | | | | | | |
| Molybdenum | | ND | 1.0 | | | | - | ** | | |
| Nickel | | 7.8 | 1.0 | | | | | | 230 | |
| Selenium | | ND | 1.0 | W | | | | n . | - 10 | |
| Şilver | | ND | 1.0 | ж | n | | | | " | |
| Thallium | | ND | 1.0 | n | m | | | n' | | |
| Vanadium | | 6.2 | 1.0 | | | | | н | н | |
| Zinc | | 9.6 | 5.0 | | | | | | | |
| | | | 100 | | | | | 18 | | |

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ConAgra Foods Inc.

554 S. Yosemite Ave. Oakdale, CA 95361 Project Number: [none]

Project Name: ConAgra Oakdale

Project Manager:Geoff Ryka

Work Order No.:

J908016

Organochlorine Pesticides by GC-ECD EPA Method: 8081B

| Analyte | | Result | Reporting Limit | Units | Dilution | | | Analyzed | Method | | Notes |
|--------------------------|-----------------------|-----------|--------------------|----------|----------|----|---|-----------|-----------|------|-------|
| RM-1 (J908016-01) Sludge | Sampled: 06-Aug-09 12 | :45 Recei | ved: 06-Aug-0 | 09 15:30 | 2 | 0 | | | ¥. | | A-01 |
| Aldrin | | ND | 0.50 | mg/kg | 500 | | | 21-Aug-09 | EPA 8081B | | |
| alpha-BHC | | ND | 0.50 | n | | 13 | | , | ,, | 4.0 | |
| beta-BHC | | ND | 0.50 | H | | | | | n | | |
| delta-BHC | N. | ND | 0.50 | 30. | 396 | | | | | | |
| gamma-BHC (Lindane) | | ND | 0.50 | n | | | 9 | , n . | rr . | | |
| Chlordane (tech) | | ND | 12 | | n | | | n | | | |
| alpha-Chlordane | | ND | 0.50 | | " | | | | | | |
| gamma-Chlordane | | ND - | 0.50 | | | | | " | | *6 | |
| 4,4'-DDD | | ND | 0.50 | | | | | | n | 590 | |
| 4,4'-DDE | | ND | 0.50 | н | | | | | | - 29 | . 1 |
| 4,4'-DDT | | ND | 0.50 | 967 | п | | | ,, | | 12 | |
| Dieldrin | | ND | 0.50 | n: | | | | | | | |
| Endosulfan I | | ND | 0.50 | ** | | | | ** | | | 20 |
| Endosulfan II | | ND | 0.50 | ** | | | | | | | |
| Endosulfan sulfate | | ND | 0.50 | | | | | | 14 | | |
| Endrin | | ND | 0.50 | | n | | | | | | |
| Endrin aldehyde | | ND | 0.50 | ** | н | | | | | | |
| Heptachlor | | ND | 0.50 | | | | | n | | | |
| Heptachlor epoxide | | ND | 0.50 | | | | | | п | | |
| Methoxychlor | | ND | 0.50 | | | | | | и . | | |
| Toxaphene | | ND | 25 | | 11 | | | ** | | | |
| Surr. Rec.: | | | 91 % | | | | | ,, | " | | |

ConAgra Foods Inc.

554 S. Yosemite Ave. Oakdale, CA 95361 Project Number: [none]

Project Name: ConAgra Oakdale

Project Manager: Geoff Ryka

سالسسسال

Work Order No.: J908016

ANALYSIS REPORT - Quality Control

Argon Laboratories

| * | | Reporting | | Spike | Source | | %REC | | RPD | |
|---------|--------|-----------|-------|-------|--------|------|--------|-----|-------|-------|
| Analyte | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |

Batch J901510 - General Prep

| Duplicate (J901510-DUP1) | Source | e: J908016-01 | Prepared & Analyzed: 08/07/09 | | | |
|--------------------------|--------|-----------------|-------------------------------|---|----|--|
| % Moisture | 85.7 | 0.1 % by Weight | 85.7 | 0 | 20 | |

argon laboratories

2905 Railroad Ave. Ceres, CA 95307 (209)581-9280 Fax (209)581-9282

ConAgra Foods Inc.

554 S. Yosemite Ave. Oakdale, CA 95361 Project Number: [none]

Project Name: ConAgra Oakdale Project Manager: Geoff Ryka

Work Order No.:

J908016

Metals - Quality Control

Argon Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------------------------|--------|--------------------|-------|----------------|------------------|-------------------|----------------------------|-----|--------------|-------|
| Batch J901538 - EPA 3050B | | | | | | | 5 | | 2 % | |
| Blank (J901538-BLK1) | 8 | <u>:</u> | | Prepared: 0 | 08/07/09 At | nalyzed: 0 | 8/11/09 | | | |
| Antimony | ND | 2.0 | mg/kg | | | 1/ | | | | |
| Arsenic | ND | 1.0 | | | | | | | | |
| Barium | ND | 5.0 | | | | | | | | |
| Beryllium | ND | 1.0 | | | | | s , s + | | | |
| Cadmium | ND | 1.0 | | | *: | | 2 6 | 4 4 | | |
| Chromium | ND | 1.0 | | | 4 | | 16 | | | |
| Cobalt | ND | 1.0 | * | | 2 (*) | | | * | | |
| Copper | ND | 2.0 | | 12 | | | | | | |
| ead | ND | 1.0 | | | | | | | | |
| 1ercury | ND | 0.1 | | | | | | | | |
| Molybdenum | ND | 1.0 | 2 | v . | | | | | | 12 |
| lickel | ND | 1.0 | " | 8 | | | | | | |
| elenium | ND | 1.0 | * | | | | | | | |
| ilver | ND | 1.0 | " | | | | | | | |
| hallium | ND | 1.0 | = ** | | | | | | | |
| anadium | ND | 1.0 | | | | | 16 | | | |
| inc | ND | 5.0 | * | | | | | | | 8 |
| .CS (J901538-BS1) | | 8 | | Prepared: 0 | 8/07/09 Ar | nalyzed: 09 | R/11/09 | | | |
| ntimony | 10.0 | | mg/kg | 10 | o.ono/ Al | 100 | 80-120 | | | |
| rsenic | 10.6 | | . " | 10 | | 106 | 80-120 | | | |
| arium | 95.0 | | | 100 | | 95 | 80-120 | | | |
| eryllium | 11,3 | | " | 10 | | 113 | 80-120 | | | |
| admium | 10.6 | | | 10 | | 106 | 80-120 | | | |
| hromium | 11.8 | | | 10 | | 118 | 80-120 | | | |
| obalt | 11.1 | ¥ | H | 10 | | 111 | 80-120 | | | |
| opper | 10.7 | | | 10 | | 107 | 80-120 | | | |
| ead | 10.5 | | " | 10 | | 107 | 80-120 | | | |
| fercury | 0.48 | | | 0.50 | | 97 | 80-120 | | | |
| lolybdenum | 10.2 | | | 10 | | 102 | 80-120 | | | |
| ickel | 11.1 | | | 10 | | 111 | 80-120 | | 4) | |
| | 10.8 | | | 10 | | 108 | 80-120 | | | |
| | | | | | | | | | | |
| elenium | | | | 10 | | 102 | 90 120 | | | |
| elenium Iver | 10.2 | | | 10 | 27 | 102 | 80-120 | | | |
| elenium | | | | 10 10 10 | S# 30 | 102 101 116 | 80-120 80-120 80-120 | | | |

Approved By

Argon Laboratories, Inc. California D.O.H.S. Cert. #2359

ConAgra Foods Inc.

554 S. Yosemite Ave. Oakdale, CA 95361 Project Number: [none]

Project Name: ConAgra Oakdale

Project Manager: Geoff Ryka



Work Order No.:

J908016

Metals - Quality Control

Argon Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------------------------|--------|--------------------|-------|----------------|------------------|------------|----------------|-----|--------------|-------|
| Batch J901538 - EPA 3050B | | | | | | | | | | |
| LCS Dup (J901538-BSD1) | | | | Prepared: 0 | 8/07/09 Ana | alyzed: 08 | /11/09 | | | |
| Antimony | 9.50 | | mg/kg | 10 | | 95 | 80-120 | 5 | 20 | |
| Arsenic | 10.2 | | " | 10 | i i | 102 | 80-120 | 4 | 20 | |
| Barium | 90.0 | | | 100 | | 90 | 80-120 | 5 | 20 | |
| Beryllium | 10.7 | | ,, | 10 | | 107 | 80-120 | 5 | 20 | Ş |
| Cadmium · | 10.0 | | | 10 | | 100 | 80-120 | 6 | 20 | |
| Chromium | 11.1 | | ii . | 10 | | 111 | 80-120 | 6 | 20 | |
| obalt | 10.5 | | " | 10 | | 105 | 80-120 | 6 | 20 | |
| opper | 10.0 | | 10 | 10 | | 100 | 80-120 | 7 | 20 | |
| ead | 9.90 | | n | 10 | | 99 | 80-120 | 6 | 20 | |
| fercury | 0.46 | | н | 0.50 | | 91 | 80-120 | 6 | 20 | |
| folybdenum | 9.80 | | | 10 | | 98 | 80-120 | 4 | 20 | |
| lickel | 10.5 | | | 10 | | 105 | 80-120 | 6 | 20 | |
| elenium | 10.7 | | 110 | 10 | | 107 | 80-120 | 0.9 | 20 | 20 |
| ilver | 9.70 | | | 10 | | 97 | 80-120 | 5 | 20 | |
| hallium | 9.60 | • | | 10 | | 96 | 80-120 | 5 | 20 | |
| 'anadium | 11.0 | | (H) | 10 | | 110 | 80-120 | 5 | 20 | |
| inc | 104 | | 311 | 100 | | 104 | 80-120 | 6 | 20 | |

argon laboratories 2905 Railroad Ave. Ceres, CA 95307 (209)581-9280 Fax (209)581-9282

ConAgra Foods Inc. 554 S. Yosemite Ave. Oakdale, CA 95361

Project Number: [none]

Project Name: ConAgra Oakdale Project Manager:Geoff Ryka

Work Order No.:

J908016

Organochlorine Pesticides by GC-ECD EPA Method: 8081B - Quality Control

Argon Laboratories

| Analyte | (4) | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--------------------------|-----|--------|--------------------|-------|----------------|------------------|------------|----------------|---------|--------------|-------|
| Batch J901921 - EPA 355 | 0В | | | | 8 | | 2 | | 3 | | |
| Blank (J901921-BLK1) | | Se | | | Prepared: (| 08/20/09 A | nalyzed: 0 | 8/21/09 | _89 | | |
| Surrogate: %SS1 | | 0.103 | 5 | mg/kg | 0.10 | | 103 | 60-140 | Table 1 | | |
| Aldrin | (8) | ND | 0.001 | * | | | | | | | |
| alpha-BHC | | ND | 0.001 | . " | | | | | | | |
| beta-BHC | | ND | 0.001 | 9 5 6 | | | | | | | 3 |
| delta-BHC | | ND | 0.001 | | 8 | | | | | | |
| gamma-BHC (Lindane) | | ND | 0.001 | n | | | | | | | 671 |
| Chlordane (tech) | | ND | 0.025 | n | | | | | | | |
| alpha-Chlordane | | ND | 0.001 | 10 | | | | 7 | | | |
| gamma-Chlordane | * | ND | 0.001 | " | | | | | | | |
| 4,4'-DDD | | ND | 0.001 | n | 9.5 | | | | | | |
| 4,4'-DDE | | ND | 0.001 | ** | | | | | | | |
| 4,4'-DDT | | ND | 0.001 | | | | | | | | |
| Dieldrin | | ND | 0.001 | | | | | | • | | |
| Endosulfan I | | ND | 0.001 | • | | | | | | | 8 |
| Endosulfan II | | ND | 0.001 | n | | | | 2 | | 9 | |
| Endosulfan sulfate | | · ND | 0.001 | | | 10 | | | | | |
| Endrin | | ND | 0.001 | | | | | | | | |
| Endrin aldehyde | | ND | 0.001 | ,, | | | | | | | |
| Heptachlor | | ND | 0.001 | | | | | | | | |
| Heptachlor epoxide | | ND . | 0.001 | | | | | | | | |
| Methoxychlor | | ND | 0.001 | п . | | | | | | | |
| Toxaphene | | ND | 0.050 | | | | | | | | |
| I CC (1001021 DC1) | | | | | | | | | | | |
| LCS (J901921-BS1) Aldrin | | 0.0070 | | | Prepared: 0 | 8/20/09 An | | - | | | |
| gamma-BHC (Lindane) | | 0.0078 | | mg/kg | 0.010 | • | 78 | 70-130 | | | |
| 4,4'-DDT | | 0.0082 | | | 0.010 | × | - 82 | 70-130 | | | |
| Dieldrin | | 0.0222 | | ** | 0.025 | | 89 | 70-130 | | | |
| | | 0.0215 | | " | 0.025 | | 86 | 70-130 | | | 9 9 |
| Endrin | | 0.0225 | | " | 0.025 | | 90 | 70-130 | | | |
| Heptachlor | | 0.0091 | | " | 0.010 | | 91 | 70-130 | | | |
| LCS Dup (J901921-BSD1) | | | | | Prepared: 08 | 8/20/09 An | alyzed: 08 | /21/09 | | | |
| Aldrin | | 0,0075 | | mg/kg | 0.010 | | 75 | 70-130 | 4 | 20 | |
| gamma-BHC (Lindane) | | 0.0080 | | | 0.010 | | 80 | 70-130 | 2 | 20 | |
| J,4'-DDT | | 0.0205 | | | 0.025 | | 82 | 70-130 | 8 | 20 | |
| Dieldrin | | 0.0202 | | ii. | 0.025 | | 81 | 70-130 | 6 | 20 | |
| Endrin | | 0.0210 | | | 0.025 | | 84 | 70-130 | 7 | 20 | |

Approved By

Argon Laboratories, Inc. California D.O.H.S. Cert. #2359

ConAgra Foods Inc.

554 S. Yosemite Ave.

Oakdale, CA 95361

Project Number: [none]

Project Name: ConAgra Oakdale

Project Manager: Geoff Ryka

Work Order No .:

J908016

70-130

Organochlorine Pesticides by GC-ECD EPA Method: 8081B - Quality Control

Argon Laboratories

Heptachlor

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------------------------|--------|--------------------|-------|----------------|------------------|-------------|----------------|-----|--------------|-------|
| Batch J901921 - EPA 3550B | | | | ce . | 9, | | | | | |
| .CS Dup (J901921-BSD1) | = . | | | Prepared: (| 08/20/09 A | noluzadi 00 | /21/00 | ** | | |

mg/kg

0.010

0.0088

ConAgra Foods Inc.

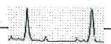
554 S. Yosemite Ave.

Oakdale, CA 95361

Project Number: [none]

Project Name: ConAgra Oakdale

Project Manager: Geoff Ryka



Work Order No.:

J908016

Notes and Definitions

A-01 Sample diluted due to high organic content.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

Sample results reported on a dry weight basis dry

Relative Percent Difference RPD